

Narayana Dental College & Hospital, Nellore



Chinthareddypalem, Nellore - 524003, A.P. India

**Self-Study Report of
Narayana Dental College & Hospital**

Chinthareddypalem, Nellore - 524003, A.P. India

Submitted by
Dr. P. MAHESH
Principal

www.narayanadentalcollege.com

Foreword by the Principal



FOREWORD

Narayana Dental College & Hospital

It gives me immense pleasure in forwarding the Self Study Report of the Narayana Dental College & Hospital, Chinthareddypalem, Nellore for the consideration of accreditation by NAAC.

Narayana Dental College is located in Chinthareddypalem in rural Nellore. The college was established in the year 2001 with 100 BDS admissions and the first batch was recognized 24th February, 2006. The Post Graduation in 6 departments started in 2007 and the remaining 3 in 2008. All these Post Graduate Degrees are recognized. The proposal for an increase in the admission capacity of PGs is submitted to the DCI and permission was granted for 7 MDS specialities.

All the faculties have worked to their full potential for the last 4 months in preparing the SSR of Narayana Dental College. I would like to thank all the members of the committees, and all the staff involved directly and indirectly in the preparation of this Self Study Report.

Principal

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**Executive Summary and SWOC,
Profile of the Institution &
Criterion-wise Evaluative Report**



Narayana Dental College & Hospital, Nellore

Executive Summary and SWOC Analysis

Narayana dental college and hospital, Chinthareddypalem, Nellore, Andhra Pradesh

Introduction

The Narayana Educational group was founded by Dr. P. Narayana, gold medallist and doctorate in Statistics from Sri Venkateswara University, Tirupati, and Andhra Pradesh. The Narayana Educational group provides primary to higher education including professional education i.e. Medical, Engineering, Dental, Pharmacy, Physiotherapy and Teacher training. Today, the Narayana Educational group has its presence in various states of the country i.e. Andhra Pradesh, Delhi, Gujarat, Haryana, Uttarpradesh, Bihar, Orissa, Jharkhand, Utterakhand and Rajasthan. Narayana Educational group has 27000 Faculty, Staff catering to 2, 20,000 students across the country.

With three decades of managerial experience in the area of education, Dr. P. Narayana founded Narayana Dental College The college is ideally located on Chennai – Kolkata four line national highway. It can be accessed through 2-3 hrs of road journey from Tirupati and Chennai Airports.

Narayana dental college and hospital, Chinthareddypalem, Nellore, Andhra Pradesh, is established on 13-08-2001. The institution is affiliated to Dr. NTR University of health sciences, Vijayawada, is self-financing,. The main campus of dental college is spread over 5.65acres with built-up area of 15500sqmts. The program are recognized by dental council of India.

Criterion I - Curricular Aspects

The college follows Dr. NTR University curriculum for its programs. The affiliating university provides the academic calendar and micro schedules for implementation. Complying to these guidelines of the university the college prepares annual calendar of events and time tables. The college provides one under graduate program BDS with sanction intake of hundred students per annum and master's program in nine specialties of dentistry with total post-graduate intake of 43 admission per annum. Curriculum committees of all the departments identify the deficiency in the curriculum and provide enrichment courses to meet the curricular deficiency. The college has implemented 95 problems based learning and 24 enrichment courses the college has initiated feedback system under internal quality assurance

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cell. Obtains feedback from different stakeholders including students, parents, patients, and alumni.

Criterion II - (Teaching Learning & Evaluation)

The college has a transparent admission process. The admission process is widely publicized through media, student's handbook and websites. The admission process incorporates necessary guidelines for socio-economically weaker section. Student's category wise academic needs are identified and bridge courses implemented, through language lab present on the campus. Facilities for the specially abled are provided. The teaching learning process incorporates different learning experiences including participative learning, experimental learning to self-directed learning by Wi-Fi facilities and internet. There is mechanism identify slow learners and actions initiated for improvement. The college has appointed highly qualified and experienced faculties and complies to regulatory requirements faculties enrich their knowledge and skills by attending conferences sponsored by the management. 162 conferences are attended and 56 such workshop conferences conducted on the campus. Faculties have received 52 awards the quality of teacher appointed exceeds the regulatory requirements. Faculty Research 86, International Publication 70, National Publication 149, International Presented 9, National Presented 174, Scientific Sessions Chaired International 3, Scientific Sessions Chaired National 54, Books And Chapters Authored 10, List Of Guest /Invited Lectures/Resource Persons/Key Note Address 63, Membership Of Committees Of University 16, No. Of PG Guided 44. The college has mechanism to evaluate the category wise results. Academic growth of the disadvantage students is monitored. Their learning outcomes of all the courses the graduate attributes are documented. Ascertains the achievement of learning outcomes through the evaluation process. Good numbers of university ranks are availed by the college.

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Criterion III - (Research Consultancy and Extension)

The college has initiated pro-active research promotion policies. Seed money for research, sabbatical leave and workload remission provision is made. The faculty student and faculty research achievements are recognized. Incentives for research guides and liberal ICT facilities including Wi-Fi and high-speed internet provided. Research committee, ethical committees are constituted. Student's members are represented on these committees. The college has established advanced research centre with basic research personal appointed for the purpose. This centre is recognized by national regulatory authorities the national stem cell research centre is present on the campus. The advanced research canters have collaboration with university of Texas for research. The college has published 70 international and 149 national articles. 9 international and 174 national are presented in various conferences. The faculties chaired scientific session on 54 times, journal books and chapters are authored by the faculties. List Of Journals Subscribed 301, Dissertation |Topics 169, Student Projects 70, The college provides consultancies in oral healthcare awareness, prevention, and treatment. The college has extension and ISR activities. Faculties students participate actively in such activities. The activities fall under environment citizenship role, health awareness, gender sensitization fight against female feticide, Blood donation, Swacch-Bharat, patriotism, stop alcohol, , anti-tobacco, national integration, campaign, sexual harassment elimination, anti-dowry, anti-ragging, carbon neutrality, environment conscious activities, green audit, HIV prevention, alternate fuels, intellectual property rights, RTI, IPR and similar activities. The college has adopted villages for total oral healthcare services. Satellite centers are established for the purpose a mobile dental van and public health department implements oral community healthcare services. The college has MoU with 22 villages for oral and general healthcare services.

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Criterion IV - Infrastructure and Learning Resources

The infrastructure committee accesses the needs of the infrastructure and monitors for optimal utilization. The college physical facilities are air-conditioned lecture galleries, accommodation for HOD's, teaching and non-teaching. The college has an auditorium, stadium, gymnasium, pharmacy, hostels and transport facilities.

The college has total 380 dental chairs spread over nine departments. The medical college with super specialty research is available on the campus with all necessary facilities like emergency departments, diagnostic services, inpatient services, pharmacy, blood bank and ambulance. Mobile dental care unit is available to cater the needs of Public health dentistry department. Students can perform reasonably simple dental procedures in this vehicle. Audio visual aids are also present to create health awareness in rural people. The college provides clinical facilities, which includes two minor operation theatres with state of the art facilities in the oral surgery department with fiber optic Laryngoscope, Fiber optic light. For major surgical procedures, the medical college operation theatres are used. Recovery room with inpatient beds, Cleft surgery facilities are provided. The available Dental laboratories are Pre Clinical Prosthodontics Phantom Head Lab, pre Clinical Conservative Phantom Head Lab, Pre Clinical Endodontic Lab, Pre Clinical Pedodontics Lab, Dental Materials Lab, Orthodontic Lab, Conservative Dentistry Lab, Ceramic Furnace Lab, Oral Pathology Lab, Polymers lab, Casting room, Plaster room, BPS walplast lab. The central library has constituted library advisory committee, which monitors for the continuous improvement in the library performance. The layout of the library individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources are well displayed. The Learning resource center includes a stack area, undergraduate and postgraduate study areas, faculty & student lounge, internet browsing center, audio-visual room, circulation counter, photocopy section, and group think for discussions. IT zone is present for evidence base learning and accessing the e-resources like PROQUEST and EBSCO which is a database containing e-journals. **Prominent floor plans, adequate sign boards and fire alarm** are displayed. Fire extinguishers exits are available for all areas in the library for emergency. Adequate signage directs the users to the books collection areas. **Print (books, back volumes, theses, journals) Books - 4697** , journals - (63 printed & 505 e-journals) , international journal- 52 , national journals -11 , proquest-441 , EBSCO dental -64 , magazines - 3 , news papers - 3 , back volumes - 530 volumes (issues -4110) , thesis -30.



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Electronic (e-books, e-journals).E-journals or e-information resources are rendering yeoman service to update the knowledge and skills of the users. So we wish to provide e-journals to our users too. So for this purpose we have subscribed NTRMEDNET consortium to provide e-journals. proquest: 441 Ebsco dental: 64. The library has sections for thesis, dissertations, monographs, journal back volumes in PDF format etc.. Book bank, question bank facilities present. the library services are automated through a software program called library information systems (LIS), designed and developed by the college software system. The LIS has the online publication access catalog (OPAC) module for easy access to the LRC material. Total number of computers for general access 50, total numbers for printers for general access 2, Institution repository-the college library commenced institutional digital repository, assembling together e-copies of PDF's of journal articles/thesis, class lecture notes (MEDRC smart teach), power point presentations etc. for access by all members of the college. The digital repository is accessible on the college intranet using the college IPaddress and allows computer based access and search to extensive amounts of college teaching learning and scholarly material such as published papers, dissertations and e-books. Content management system for e-learning- Several materials developed by the college for modules are accessible to students using an username and password on the college's website. Participation in resource sharing networks/ consortia (like INFLIBNET); The College participates in resource sharing networks/ consortia such as NTR MEDNET consortium (through affiliating university, the NTRUHS). The IT facilities are used for information and deployment notification, clinicals conducted OPACS, clinical conducted Internet access . User orientation is made, appropriate library budget is provided. Library user feedbacks collected analyzed and actions initiated. Necessary CCTV's biometric systems are displayed. Hospital management system, student information system, library information system, LAN protection software, Network security, risk management, software asset management, open source resources are provided, green computing using NAS boxes for low power usage provided. The infrastructure maintenance workshop facilities with estate officer are provided. Necessary insurances of physical structures obtained.

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Criterion- V: Student Support and Progression

A System of mentor-mentee practiced to cater to the needs of different learner. Institution provides strong encouragement for cultural activities, academics, research, sports and overall personality development as applicable to profession. Alumni association is active and registered. Book bank facility for students' projects, Single window admissions for Anti-ragging cell, Career counselling, are provided. Seed money is provided. Active elected student council with cross section of students representation present .Deviated Behaviours of learner are dealt by Behaviour cell. Student progression on continuous basis monitored. Student Insurance, Parent teacher meets are organized. Health Care facilities, Counselling, cafeteria Gymnasium are present on the campus. Grievance Redressal Cell, Student feedback Student charter, placement cell, book bank, Student handbook, sexual harassment elimination Cell, under performers are identified and remedial drill, Value added courses, Continuous Performance Assessments Cards, Facilities for differently –abled physically are present. Every possible effort are made to meet the learner needs. *Student welfare measures* - The college monitors the Enrolment of student's year wise and has maintained details of last five years program Wise. free ships, scholarships, is initiated, Specific student support is provided for, Physically Disabled and SC, ST, OBC ,economically weaker sections.. The College has a review mechanism to monitor progression of students in various programs , increase its pass percentage, reduce its dropout rate , and timely submission of post graduate thesis. The college also maintained track of students appearing and qualifying in competitive examinations data is tracked. One of the student has passed civil services examination. The college has procured total of ---ranks at the affiliating university in last four years.. Conducted technical update program for Alumni!. The college practices stake holder- college partnership for excellence in education, service and research. Students are represented on administrative and academic and bodies through the committees that are monitored by respective Associate Deans. Alumni Association is established. Proficient sports students are provided with appropriate sport materials, remuneration, leave, recognition on appropriate plat forms, awards and certificates. Student council in each unit are very active and perform numerous co-curricular and cultural activities. The college funds for such activities.. College encourages students to publish materials like catalogues, college magazines, institution magazines. Student participation in state, national and international level sports events range of games, extra-curricular activities are provided. Strong encouragement for sports, cultural and co curricular activities is evident. Feed backs from students-The institution obtain feed

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from students on their campus experience, infrastructure, teachers performance library users and academics, Parents meet are conducted regularly. Students participate in quality governance through internal quality assurance system and feedback mechanisms

Criterion-VI. Governance and Leadership

The Institution has developed the Vision & Mission Statement by involving the various stakeholders at different levels of meetings and discussions. Those finalized statements are well deployed across the institution in prominent places and also in prospectus, handbook, website and such other similar places. The effectiveness of the leadership and governance is reflected in this decentralized administration. The Principal is the head of the Institution and is well supported by four Associate Deans viz., Associate Dean-Academic, Administration, Examination and Human Resources. Appropriate sanctions are given for the recommendations made by the IQAC through Principal. Mission Monitoring Cell reviews the activities of the Institution at regular intervals. The Institutional performance in different constituents of the system is reviewed by the mission monitoring cell for which the Principal is the Principal Secretary. All the Departments are headed by a senior competent faculty. The Heads of the Departments and Unit Heads among the non-teaching are provided with appropriate autonomy, empowerment, proportional to their accountability of department performance in education, service and research. The perspective plan document incorporates important strategies and actions to be implemented through well decentralized organizational structure. Factual data are considered for decision making. The feedback system has mechanism in place of quality analysis on curriculum, program, enrichment courses, library, teacher performance, infrastructure by students and service feedback by patients. These feedbacks are analyzed and outcome is utilized by respective committees to arrive at a decision and action plans. The quality policies are deployed with a systems perspective and have identified input process and outcome. The organizational structure has processes defined for various activities.. The Calendar and Schedules for the events of the institution are well planned and deployed appropriately. The departmental performance in varied activities are done through academic audit by monthly feedback proforma by all departments. The institution exceeds the recruitment and promotional needs of the manpower. Stakeholders satisfaction survey and students and patient satisfaction survey are important inputs for policy framing and decision making.. The Faculty and Non-Teaching Staff Welfare Committee has initiated all such welfare activities for both teaching and non-

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teaching staff. Necessary guidelines on Government Policies in recruitment including access equity specially abled and gender sensitivity are adopted. Faculty competency is continuously improved on regular basis through availing academic and curricular activities. Committee for faculty development activities, self-performance appraisal are collected from the faculty from which the need for professional training and such other decisions are met by Associate Dean-Human Resources. Ample of professional department activities are initiated in all the departments. Budget is provided for all core activities and utilized, there is a mechanism on the campus for gender auditing. The Institution has maintained reserve corpus fund. The Institution provides budget for all such core activities and has made efforts for resource mobilization as a mechanism for internal and external audit. The IQAC has institutionalized notifying the key aspects, performance guidelines and assessment of the performance of the process in the system. Associate Dean-Academics reviews the teaching learning process, learning outcomes, teaching methods, teacher quality and such other details periodically. All the departments are provided with appropriate autonomy.

CRITERION VII: INNOVATIONS AND BEST PRACTICES

Environment Consciousness- Has conducted extensive activities and is separately reported as extension activities manual. The institution displays sensitivity to issues like climate change and environmental issues. The activities fall under use of renewable energy are *water harvesting*. Bio-hazardous waste management, waste management. eco-friendly campus, E-waste management. Few of the *innovations* are - The college collects feedback from varied stakeholders. College has well planned schedules from University to teacher topic time table to implement the curriculum, Innovations, Continuous performance assessment cards, Library and library resources are computerized and is monitored regularly for quality parameters. Admission process and enrolment are as per the regulatory guidelines is transparent and computerized. The college has conducted commendable extension activities including activities for social responsibilities. An unique result analysis method identifies course index, program index and improves on continuous basis, College has developed SWOC Analysis established internal quality assurance cell (IQAC). Feedback Analysis from Students conducted, Faculty Developmental Activities, Free dental camps in surrounding towns /villages, Parents- teachers meet. Free of cost treatment for all patients. Satellite centre to provide treatment, for teachers training program, needy people. Attending national & International Conferences, Student research activities, Conducting CDE programs & National

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level conferences, Collaboration with other Universities in the country and abroad, Conducting various extracurricular & sports activities for the students.

SWOC Analysis

Strengths

The institution and programs are affiliated to Dr. NTR University of health sciences and recognized by Dental Council of India, New Delhi. The college offers undergraduate and post-graduation in nine specialties and research. The college collects feedbacks from students & stakeholders for improvement in major constituent processes of the system. The college conducts enrichment courses; problem based learning, identified and designed by the college to meet the curriculum deficiencies. The college caters to diverse needs of learner by identifying and counselling the slow learners and mentorship. CPA cards, ICT, Wi-Fi facilities form Innovative teaching learning process.. Research initiated by eligible faculties, & students involve in projects. Varied learning experiences are provided to accomplish learning outcomes in learner. College has published good number of publications, and has significant contributions in extension activities and institutional social responsibility. Decentralized administration & customers participate in decision making. Biometric Attendance for the faculty members. Excellent physical facilities, library resources and ICT facilities add to the quality resources for independent learning by students. Good teacher quality meets the regulatory requirements; College provides student insurance, numerous faculty development activities, book bank facilities, CCTV, strong encouragement for sports and cultural activities.

Weaknesses

The college identifies areas for improvement in all its constituents through IQAC and actions are initiated. There are no weaknesses that affect the organization mission and comply with all regulatory requirements

Opportunity

Getting the institution autonomous and deemed to be university status.
Quality system getting certified by national and international agencies.

Challenges

To maintain the competitiveness of the system in quality.

Profile of the Institution

Narayana Dental College & Hospital, Nellore

Profile of the Institution

1. Name and Address of the Institution:

| | | | |
|---|------------------------------------|------------------|--|
| Name: | Narayana Dental College & Hospital | | |
| Address: | Chinthareddypalem | | |
| City: NELLORE | Pin: 524003 | State: AP | |
| Website: WWW.NARAYANADENTALCOLLEGE.COM | | | |

2. For communication:

| Designation | Name | Telephone with STD code | Mobile | Fax | E-Mail |
|------------------------------------|---------------|--|----------------|----------------------|------------------------|
| Vice Chancellor | | O: R: | | | |
| Pro Vice Chancellor (s) | | O: R: | | | |
| Registrar | | O: R: | | | |
| Principal / Dean / Director | DR.P.MAHESH | O: 0861- 230513 7 R:0861- 233043 3 | 9490166 144 | 0861- 23050 92 | drpmaheshmds@gmail.com |
| Vice | Dr.K.MADHUSUD | O: | 9391046 | 0861- | drmadhuk15@gmail |

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| | | | | | |
|---|-------------|--|----------------|----------------------|--------------------|
| Principal | HANA | 0861- 230513 7 R:0861- 230199 8 | 354 | 23050 92 | .com |
| Steering Committee / IQAC Co-ordinator | Dr.N.KANNAN | O: 0861- 230513 7 R:2335 655 | 9490471 078 | 0861- 23050 92 | dentkan1@gmail.com |

3. Status of the Institution:

| | |
|---|---|
| Autonomous College | |
| Constituent College | |
| Affiliated College | ✓ |
| State University | |
| State Private University | |
| Central University | |
| University under Section 3 of UGC (A Deemed to be University) | |
| Institution of National Importance | |
| Any other (specify) | |

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4. Type of University:

| | |
|-------------|--|
| Unitary | |
| Affiliating | |

5. Type of College:

| | |
|--------------------------------------|---|
| Ayurveda | |
| Dentistry | ✓ |
| Homoeopathy | |
| Medicine | |
| Nursing | |
| Pharmacy | |
| Physiotherapy | |
| Siddha | |
| Unani | |
| Yoga and Naturopathy | |
| Others (specify and provide details) | |

6. Source of funding:

| | |
|--------------------|--|
| Central Government | |
| State Government | |
| Grant-in-aid | |

| | |
|----------------|--|
| Self-financing | |
| Trust | |

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| | |
|----------------------------|-----------|
| | Corporate |
| Any other (specify) | ✓ |

7. a. Date of establishment of the institution: 13/08/2001 (dd/mm/yyyy)

B. In the case of university, prior to the establishment of the university, was it a/an

| | | | | |
|---------------------|-------|---|----|--|
| Autonomous College | YES | | NO | |
| Constituent College | YES | | NO | |
| Affiliated College | YES | ✓ | NO | |
| PG Centre | YES | | NO | |
| De novo institution | YES | | NO | |
| Any other (specify) | ----- | | | |

c. In the case of college, university to which it is affiliated

DR.NTR University of Health Sciences

8. State the vision and the mission of the institution.

VISION: to help our students, parents and the patients to reach their goals through our faculty experience and service

MISSION:

- 1) To work to evaluate and understand the expectations of our stake holders before any initiation
- 2) Practice ethical and evidence base treatment protocols to provide low cost treatment options to our patients.
- 3) Create a correct idealistic groups of faculty to improve the academic excellence and patient care
- 4) Appreciate and acknowledge our critics so that we work hard to improve our social presence in the society

5) To have a regular feedback from student and patient community to improve the quality of the services rendered and find out the solutions for the critical issues

9. a. Details of UGC recognition / subsequent recognition (if applicable):

| Under Section | Date, Month and Year (dd/mm/yyyy) | Remarks (If any) |
|-----------------|--------------------------------------|---------------------|
| i. 2(f)* | | |
| ii. 12B* | | |
| iii. 3* | | |

*** Enclose the certificate of recognition, if applicable**

b. Details of recognition/approval by statutory/regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE, etc.)

| Under Section/clause | Day, Month and Year (dd/mm/yyyy) | Validity | Program/ institution | Remarks |
|----------------------|-------------------------------------|-----------|---|---------|
| i. | 24-02-2006 | PERMANENT | UG | |
| ii. | 07-09-2009 | PERMANENT | PERIO, ORTHO,PROSTHO,ORAL PATH, ORAL MEDICINE | |
| iii. | 15-02-2010 | PERMANENT | PEDO | |

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| | | | | |
|-----|------------|-----------|--|--|
| iv. | 30-09-2010 | PERMANENT | ORAL SURGERY, CONSERVATIVE & PUBLIC HEALTH | |
|-----|------------|-----------|--|--|

(Enclose the Certificate of recognition/approval)

10. Has the institution been recognized for its outstanding performance by any national / international agency such as DSIR, DBT, ICMR, UGC-SAP, AYUSH, WHO, UNESCO, etc.?

| | | | |
|---|--|----|---|
| Yes | | No | ✓ |
| If yes, name of the agency | | | |
| date of recognition: (dd/mm/yyyy) | | | |
| nature of recognition | | | |

11. Does the institution have off-campus centres?

| | | | |
|--|--|----|---|
| Yes | | No | ✓ |
| If yes, date of establishment : (dd/mm/yyyy) | | | |
| date of recognition by relevant statutory body/ies: (dd/mm/yyyy) | | | |

12. Does the institution have off-shore campuses?

| | | | |
|--|--|----|---|
| Yes | | No | ✓ |
| If yes, date of establishment : (dd/mm/yyyy) | | | |
| date of recognition by relevant statutory body/ies: (dd/mm/yyyy) | | | |

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| 13. Location of the campus and area: | | | |
|---|------------|----------------------|---------------------------|
| | Location * | Campus area in acres | Built up area in sq. mts. |
| i. Main campus area | URBAN | 5.65 | 15500 |
| ii. Other campuses in the country | | | |
| iii. Campuses abroad | | | |

(* Urban, Semi-Urban, Rural, Tribal, Hilly Area, any other (specify))

If the institution has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

| 14. Number of affiliated / constituent institutions in the university | | | |
|--|-------|-----------|-----------|
| Types of institutions | Total | Permanent | Temporary |
| Ayurveda | | | |
| ✓ Dentistry | | | |
| Homoeopathy | | | |
| Medicine | | | |
| Nursing | | | |
| Pharmacy | | | |
| Physiotherapy | | | |
| Siddha | | | |
| Unani | | | |
| Yoga and Naturopathy | | | |
| Others (specify and provide details) | | | |

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15. Does the University Act provide for conferment of autonomy to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University.

| | | | |
|-----|--|----|---|
| Yes | | No | ✓ |
|-----|--|----|---|

16. Furnish the following information:

| Particulars | Number |
|---|--------|
| a. Accredited colleges by any professional body/ies | |
| b. Accredited course / department by any professional body/ies | |
| c. Affiliated colleges | |
| d. Autonomous colleges | |
| e. Colleges with Postgraduate Departments | |
| f. Colleges with Research Departments | |
| g. Constituent colleges | |
| h. University Departments <div style="text-align: right; margin-right: 20px;">Undergraduate Post graduate</div> Research centres on the campus and on other campuses | |
| i. University recognized Research Institutes/Centres | |

17. Does the institution conform to the specification of Degrees as enlisted by the UGC?

| | | | |
|-----|---|----|--|
| Yes | ✓ | No | |
|-----|---|----|--|

If the institution uses any other nomenclatures, specify.

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18. Academic programs offered and student enrolment: (Enclose the list of academic programs offered and approval / recognition details issued by the statutory body governing the program)

| Programs | Number of Programs | Number of students enrolled |
|----------------------------------|--------------------|-----------------------------|
| UG | 1 | 100 |
| PG | 9 | 43 |
| DNB | | |
| Integrated Masters | | |
| Integrated Ph.D. | | |
| PharmD. | | |
| M.Phil. | | |
| Ph.D. | | |
| Certificate | | |
| Diploma | | |
| PG Diploma | | |
| D.M. / M.Ch. | | |
| Sub / Super specialty Fellowship | | |
| Any other (specify) | | |
| Total | | |

19. Provide information on the following general facilities (campus-wise):

| | | | | |
|--|-----|---|----|--|
| • Auditorium/seminar complex with infrastructural facilities | YES | ✓ | NO | |
| • Sports facilities | YES | ✓ | NO | |
| * Outdoor | YES | ✓ | NO | |
| * Indoor | YES | ✓ | NO | |

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| | | | | |
|--|-----------|---|-----------|--|
| Residential facilities for faculty and non-teaching staff | YES | ✓ | NO | |
| • Cafeteria | YES | ✓ | NO | |
| • Health centre | YES | ✓ | NO | |
| * First aid facility | YES | ✓ | NO | |
| * Outpatient facility | YES | ✓ | NO | |
| * Ambulance facility | YES | ✓ | NO | |
| * Emergency care facility | YES | ✓ | NO | |
| * Health centre staff | YES | ✓ | NO | |
| Qualified Doctor | Full time | | Part-time | |
| Qualified Nurse | Full time | | Part-time | |
| • Facilities like banking, post office, book shops, etc. | YES | ✓ | NO | |
| • Transport facilities to cater to the needs of the students and staff | YES | ✓ | NO | |
| • Facilities for persons with disabilities | YES | ✓ | NO | |

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| | | | | |
|---|-----|---|----|---|
| • Animal house | YES | ✓ | NO | |
| • Incinerator for laboratories | YES | ✓ | NO | |
| • Power house | YES | ✓ | NO | |
| • | | | | |
| • Fire safety measures | YES | ✓ | NO | |
| • | | | | |
| • Waste management facility, particularly bio-hazardous waste | YES | ✓ | NO | |
| • Potable water and water treatment | YES | | NO | ✓ |
| Any other facility (specify). | | | | |

20. Working days / teaching days during the past four academic years

| | Working days | | | | Teaching days | | | |
|---|---|-----|-----|-----|---------------|-----|-----|-----|
| | Number stipulated by the Regulatory Authority | 298 | 298 | 298 | 298 | 298 | 298 | 298 |
| Number by the Institution | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 |
| ('Teaching days' means days on which classes/clinics were held. Examination days are not to be included.) | | | | | | | | |

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21. Has the institution been reviewed or audited by any regulatory authority? If so, furnish copy of the report and action taken there upon (last four years).

| 22. Number of positions in the institution | | | | | | | | |
|--|-------------------------|----------------------------|---------------------|----------|---------------------------|-----------------|---------------------------|------------------------|
| Positions | Teaching faculty | | | | | | Non-teaching staff | Technical staff |
| | Professor | Associate Professor/Reader | Assistant Professor | Lecturer | Tutor/Clinical Instructor | Senior Resident | | |
| Sanctioned by the Government Recruited Yet to recruit | | | | | | | | |
| Sanctioned by the Management/Society or other authorized bodies Recruited Yet to recruit | 26 | 30 | 46 | 6 | - | - | 95 | 17 |
| Stipulated by the regulatory authority Cadre ratio Recruited | | | | | | | | |

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| 22. Number of positions in the institution | | | | | | | | |
|---|------------------|----------------------------|---------------------|----------|---------------------------|-----------------|--------------------|-----------------|
| Positions | Teaching faculty | | | | | | Non-teaching staff | Technical staff |
| | Professor | Associate Professor/Reader | Assistant Professor | Lecturer | Tutor/Clinical Instructor | Senior Resident | | |
| Yet to recruit | | | | | | | | |
| Number of persons working on contract basis | | | | | | | | |

| 23. Qualifications of the teaching staff | | | | | | | | | | | | | |
|--|-----------|---|----------------------------|---|---------------------|----|----------|---|---------------------------|---|-----------------|---|--|
| Highest Qualification | Professor | | Associate Professor/Reader | | Assistant Professor | | Lecturer | | Tutor/Clinical Instructor | | Senior Resident | | |
| | M | F | M | F | M | F | M | F | M | F | M | F | |
| Permanent teachers | | | | | | | | | | | | | |
| D.M./ M.Ch. | | | | | | | | | | | | | |
| Ph.D./D.Sc./D.Litt/M.D./M.S. | | | | | | | | | | | | | |
| PG (M.Pharm./ PharmD, DNB, M.Sc., MDS. , MPT, MPH, MHA) | 21 | 5 | 25 | 5 | 17 | 29 | | | | | | | |
| AB/FRCS/FRCP/MRCP/MRCS/FDSRCS | | | | | | | | | | | | | |

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| 23. Qualifications of the teaching staff | | | | | | | | | | | | |
|--|-----------|---|-----------------------------------|---|------------------------|---|----------|---|----------------------------------|---|--------------------|---|
| Highest Qualification | Professor | | Associate Professor/ Reader | | Assistant Professor | | Lecturer | | Tutor /Clinical Instructor | | Senior Resident | |
| | M | F | M | F | M | F | M | F | M | F | M | F |
| M.Phil. | | | | | | | | | | | | |
| UG | | | | | | | 1 | 5 | | | | |
| Temporary teachers | | | | | | | | | | | | |
| D.M./ M.Ch. | | | | | | | | | | | | |
| Ph.D./D.Sc./D.Litt/M.D./ M.S. | | | | | | | | | | | | |
| PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA) | | | | | | | | | | | | |
| AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS | | | | | | | | | | | | |
| M.Phil. | | | | | | | | | | | | |
| UG | | | | | | | | | | | | |
| Contractual teachers NA | | | | | | | | | | | | |
| D.M./ M.Ch. | | | | | | | | | | | | |
| Ph.D./D.Sc./D.Litt/M.D./ M.S. | | | | | | | | | | | | |
| PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., | | | | | | | | | | | | |

| 23. Qualifications of the teaching staff | | | | | | | | | | | | |
|--|-----------|---|-----------------------------------|---|------------------------|---|----------|---|----------------------------------|---|--------------------|---|
| Highest Qualification | Professor | | Associate Professor/ Reader | | Assistant Professor | | Lecturer | | Tutor /Clinical Instructor | | Senior Resident | |
| | M | F | M | F | M | F | M | F | M | F | M | F |
| MPT, MPH, MHA) | | | | | | | | | | | | |
| AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS | | | | | | | | | | | | |
| M.Phil. | | | | | | | | | | | | |
| UG | | | | | | | | | | | | |
| Part-time teachers NA | | | | | | | | | | | | |
| D.M./ M.Ch. | | | | | | | | | | | | |
| Ph.D./D.Sc./D.Litt/M.D./ M.S. | | | | | | | | | | | | |
| PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA) | | | | | | | | | | | | |
| AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS | | | | | | | | | | | | |
| M.Phil. | | | | | | | | | | | | |
| UG | | | | | | | | | | | | |

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24. Emeritus, Adjunct and Visiting Professors. NA

| | Emeritus | | Adjunct | | Visiting | |
|--------|----------|---|---------|---|----------|---|
| | M | F | M | F | M | F |
| Number | | | | | | |

25. Distinguished Chairs instituted: NA

| Department | Chairs |
|------------|--------|
| | |

26. Hostel

* Boys' hostel

- Number of hostels - 3
- Number of inmates -134
- Facilities

Recreation room with TV

- News paper reading room
- Indoor sports room
- RO water facility
- Good Hygienic Kitchen
- Round the clock security
- Gym, Basketball , Volleyball, Cricket Stadium play areas

* Girls' hostel

- Number of hostels -2
- Number of inmates- 191
- Facilities 1) Recreation room with TV
- News paper reading room
- Indoor sports room
- RO water facility
- Good Hygienic Kitchen
- Round the clock security
- Gym, Basketball , Volleyball, play areas

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- Parents waiting area

* Overseas students hostel

- Number of hostels -1
- Number of inmates -64
- Facilities
- 1) Recreation room with TV
- News paper reading room
- Indoor sports room
- RO water facility
- Good Hygienic Kitchen
- Round the clock security
- Gym, Basketball , Volleyball, Cricket Stadium play areas

* Hostel for interns

- Number of hostels – SHARED WITH PGs
- Number of inmates
- Facilities
- PG Hostel
- Number of hostels -2
- Number of inmates -15
- Facilities
- 1) Recreation room with TV
- News paper reading room
- Indoor sports room
- RO water facility
- Good Hygienic Kitchen
- Round the clock security
- Gym, Basketball , Volleyball, Cricket Stadium play areas

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27. Students enrolled in the institution during the current academic year, with the following details:

| Students | UG | PG | | | Integrated Masters | M.Phil | Ph.D. | Integrated Ph.D. |
|---|----------|----------|----------|----------|--------------------|----------|-------|------------------|
| | | PG | DM | MCH | | | | |
| | *M *F | *M *F | *M *F | *M *F | *M *F | *M *F | *M *F | |
| From the state where the institution is located | 21 ,64 | 21,22 | | | | | | |
| From other states | - | - | | | | | | |
| NRI students | 2, 13 | - | | | | | | |
| Foreign students | - | - | | | | | | |
| Total | 23, 77 | 21, 22 | | | | | | |

*M-Male *F-Female

28. Health Professional Education Unit / Cell / Department

- Year of establishment **From 2013**
- Number of continuing education programs conducted (with duration)
 - * Induction
 - * Orientation
 - * Refresher
 - * **Post Graduate (17 CDE Programmes so far from Jan,2015)**

29. Does the university offer Distance Education Programs (DEP)?

Yes No

If yes, indicate the number of programs offered.

Are they recognized by the Distance Education Council?

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30. Is the institution applying for Accreditation or Re-Assessment?

Accreditation Re-Assessment

Cycle 1 Cycle 2 Cycle 3 Cycle 4

31. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4)

Cycle 4: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 3: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 2: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 1: (dd/mm/yyyy), Accreditation outcome/Result

* Enclose copy of accreditation certificate(s) and peer team report(s)

32. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university. NA

33. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

IQAC 18-03-2015

AQAR (i) (dd/mm/yyyy)

(ii) (dd/mm/yyyy)

(iii) (dd/mm/yyyy)

(iv) (dd/mm/yyyy)

34. Any other relevant data, the institution would like to include (not exceeding one page).

**Criterion wise
Evaluative Report**

Criterion - I :
Curricular Aspects

Narayana Dental College & Hospital, Nellore

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning, Design and Development

1.1.1 Does the institution have clearly stated goals and objectives for its educational program?

GOAL

The goals of the college are to:

- Provide high quality dental care.
- Promote research to enhance knowledge
- Support academic excellence.
- Promote the development of Faculty, Staff and Institutional Operations.
- Provide a comfortable place to work for faculty.

OBJECTIVES

- To develop learning environment.
- To provide affordable quality dental care to the people.
- To ensure adequate, qualitative, preventive & curative dental care to people of the Nation.
- To promote dental education of high standards, that revolves around acquiring relevant knowledge and skills in rendering oral health services.
- To effectively implement the curricula prescribed for under graduate and post graduate courses.
- To train young dental professionals in high quality of dental treatment rendered with utmost care, compassion, concern and competency.
- To train the under graduate in the clinical aspects of dentistry so that they can confidently practice general dentistry.
- To introduce and involve under graduate students in research activities and scientific presentations thereby encouraging them for higher education.
- To promote all around developments of the students, not only in academics but overall personality so that they can meet challenges in all walks of life.
- To create awareness regarding oral hygiene and provide oral health care services at community level by organized, sustained outreach programmes.

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- To motivate and encourage post graduate students and faculty, strive to their potentials and to bridge the gap between clinical research and practice.
- Translate the research findings into clinical applications.

1.1.2 How are the institutional goals and objectives reflected in the academic programs of the institution?

The goals of the institution are to maintain standard education in general and advanced oral healthcare in all the dental specialties. These goals and objectives are reflected in the curriculum of the programs provided, general and advanced oral healthcare education, services and research through its BDS and MDS programs.

1.1.3 Does the institution follow a systematic process in the design, development and revision of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

The college being affiliated to Dr. NTR University of health sciences, implements the curriculum designed by the affiliating University. However, the university considers the curriculum prescribed by dental council of India. The university in addition to complying such apex body guidelines, incorporates local, regional education service's needs. The college while implementing the affiliating university curriculum, goes beyond the university curriculum to meet the local, curriculum needs. The college has systematic process to update the university curriculum with additional topics of interests. The college constituted curriculum committees in all the departments. These committees identify by the curriculum deficiencies in the existing curriculum of the affiliating university and initiate necessary actions. All the departments have designed problem based learning, enrichment courses and implemented the same. The curriculum revision process considers feedback from the learner, Employees, entrepreneurs opinion. Student members are also represented on the curriculum committee.

1.1.4 How does the curriculum design and development meet the following requirements?

*** Community needs**

The community needs of oral healthcare treatments, awareness and preventive aspects of oral and general healthcare knowledge are provided by the institution through dental camps and

Narayana Dental College & Hospital, Nellore

school health survey.

* **Professional skills and competencies**

The learners at both undergraduate and postgraduate level are provided with excellent professional skills and competencies through complying to apex body regulations.

* **Research in thrust / emerging areas**

All the departments provide postgraduate education in specialty and these departments as a part of post-graduation education provide research facilities in their departments including additional dental chairs and specialty specific equipments. The PG students need to participate in research through their dissertation which is mandatory for completion of the PG program. All the departments have identified topics of research in emerging areas. Advanced research center is established in the campus and all the research facilities are being provided for post graduate students and faculty members for their research

* **Innovation**

The departments participate in innovations through their enrichment programmes teaching learning methods, research, collaborations, student support and governance.

* **Employability**

The programs offered provide knowledge and skills required to be the competent general and speciality dentist of International standard, hence they meet employability of the learner.

1.1.5 To what extent does the institution use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the institution been instrumental in leading any curricular reform which has created a national impact?

While framing the curriculum, the affiliating university complies to guidelines of apex regulatory bodies, the faculties are involved in framing such curriculum at council level and at the university.

1.1.6 Does the institution interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the institution benefitted through interactions with the stakeholders?

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Community leaders, Professional society, NGO's, Alumni, and patient's feedbacks are utilized for curriculum revision process

1.1.7 How are the global trends in health science education reflected in the curriculum?

The curriculum committee reviews the recent advances in all the specialties. The deficiency in the curriculum are identified and these deficiencies, the recent advances topics are introduced as enrichment and add on process. Therefore, the affiliating university curriculum with add on courses designed and implemented reflects the global trend.

1.1.8 Give details of how the institution facilitates the introduction of new programs of studies in its affiliated colleges.

The associate dean academic interacts with the curriculum committee, feedback from the stakeholders need assessment of new program initiated. The necessary application forms are availed from the affiliating University. The required qualified manpower, infrastructure, equipments and library needs are procured. The application form duly filled in all the respects is submitted to affiliating University. The affiliating university conducts the inspection to the committee and ascertains the availability of the infrastructure manpower and other resources and provides the permission to start new programs. The appropriate permissions of the state government and NOC is availed wherever it is applicable.

1.1.9 Does the institution provide additional skill-oriented programs relevant to regional needs?

The different courses provide additional skills and learning experiences beyond regulatory guidelines to meet the oral healthcare education and service needs. The departments have implemented enrichment courses and problem based learning.

1.1.10 Explain the initiatives of the institution in the following areas:

*** Behavioral and Social Science.**

The college has constituted behavioral science unit to deal with the different counseling needs of under performer

*** Medical Ethics / Bio Ethics / Nursing Ethics.**

Ethical committee constituted at the institutional level to deal with lectures and dental ethics

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* **Practice Management towards curriculum and/or services.**

Practice management sessions are initiated at internship level

* **Orientation to research.**

The college has established advanced research center in the campus, the center has provided state of the art research facilities and learned manpower. The center provides orientation program on research to PG student's interns and faculties

* **Rehabilitation.**

Appropriate rehabilitation facilities are initiated at different departments including Prosthetics, orsal surgery, orthodontics and such other healthcare needs.

* **Ancient scriptural practices.**

The university created a culture of preserving the ancient scriptural practices

* **Health Economics.**

Health economics is an independent branch of economics, with the economic aspects of healthcare, more particularly with the production and distribution of scarce health goods. Many healthcare problems are connected with economic phenomena and can be described in quantified economic categories.

* **Medico legal issues.**

Forensic Odontology topics are included to provide knowledge of medico legal issues.

* **Enhancement of quality of services and consumer satisfaction.**

The quality of services offered by all the departments are monitored by feedback committee through the questionnaire framed for patient feedback. The services offered and consumer satisfaction monitoring is initiated on continuous basis.

1.1.11 How does the institution ensure that evidence based medicine and clinical practice guidelines are adopted to guide patient care wherever possible?

The dentistry has two important fields, the knowledge and application of this knowledge in clinical practice. EBD was developed to relate the science to the clinical practice through the use of scientific methods in order to reach best treatment for a specific clinical situation. The college has initiated the process of evidence based dentistry.

1.1.12 What are the newly introduced value added programs and how are they related to the internship programs?

The curriculum committee availing the information from stakeholders and through feedbacks identifies the deficiencies in the curriculum. Necessary value added programs are designed and implemented by the concerned departments. Such 24 enrichment courses and 95

Narayana Dental College & Hospital, Nellore

problem based learning topics are implemented.

1.1.13 How does the institution contribute to the development of integrated learning methods and Integrated Health Care Management?

The college has initiated integrated learning methods and integrated learning management by providing various learning experiences such as self-directed learning by doing Wi-Fi facilities, Internet services, Hands on experiences and community teaching

*** Vertical and horizontal integration of subjects taught.**

The horizontal integration is provided in undergraduate program and vertical integration in post graduate program

*** Integration of subjects taught with their clinical application.**

The clinical application of subjects are well integrated into the curriculum

*** Integration of different systems of health care (Ayurveda, Yoga, Unani, Homeopathy, etc.) in the teaching hospital.**

The institution provides oral healthcare services of allopathy principles, no such integration with other branches is practiced.

*** Vertical and horizontal integration of subjects taught.**

*** Integration of subjects taught with their clinical application.**

*** Integration of different systems of health care (Ayurveda, Yoga, Unani, Homeopathy, etc.) in the teaching hospital.**

A combined medical campus is present for the institution

Courses being offered by the institution are medical, dental, physiotherapy, naturopathy, pharmacy, yoga.

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1.1.14 How is compatibility of programs with goals and objectives achieved with particular reference to priority of interface between Public Health, Medical Practice and Medical Education?

The programs are compatible with goals and objectives and incorporate advanced knowledge and skills to meet, the oral healthcare services of the public and dental practice. The programs offered meet the dental educational service & research needs.

1.2 Academic Flexibility

1.2.1 Furnish the inventory for the following:

*** Programs offered on campus**

Courses being offered in the campus are medical, dental, physiotherapy, naturopathy, pharmacy, yoga.

*** Overseas programs offered on campus**

*** Programs available for colleges/students to choose from**

*** Programs offered on campus bachelor and master degrees.**

*** Overseas programs offered on campus -none**

*** Programs available for colleges/students to choose from**

A, Bachelor of dental surgery

B, Master of dental surgery

| |
|----------------|
| Oral medicine |
| Oral surgery |
| Prosthodontics |
| Pedodontics |
| Public health |
| Periodontics |
| Endodontics |
| Oral pathology |
| Orthodontics |

1.2.2 Give details on the following provisions with reference to academic flexibility

a. Core options human anatomy, physiology, microbiology, dental anatomy and histology, general physiology, general pathology and microbiology, general and dental pharmacology,

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dental materials, preclinical prosthetics, preclinical conservative, general medicine, general surgery, oral pathology, oral medicine, oral surgery, prosthodontics, Pedodontics, public health, periodontics, endodontics, orthodontics

b. Elective options; at PG level oral pathology, oral medicine, oral surgery, prosthodontics, Pedodontics, public health, periodontics, endodontics, orthodontics

c. Bridge course –

The college has the mechanism to identify differential needs of the students' category during orientation meet and the college also has facilities of language lab with qualified learned faculty, these language labs are used to bridge the gap in the category of students identified. These labs provide communication skills, soft skills, English speaking courses and regional languages.

d. Enrichment courses-yes

Oral Medicine and Radiology 07

2014-2015

1. Dr. N. Kannan: Diploma in Hospital Mgmt NIHFW
2. Dr. N. Kannan: Master Reiki Therapy :R F India

2013-2014

3. Dr. N. Kannan: MSc Biotechnology Periyar University
4. Dr. N. Kannan: Sujok Therapy Intl. Sujok Association

2012-2013

5. Dr. N. Kannan: Dip Business Management by ICFAI

2011-2012

6. Dr. N. Kannan: Tobacco Cessation Training Workshop T.I.I.

2010-2011

7. Dr. N. Kannan: Certification Training in BrushBiopsy

Periodontics 02

2014-2015 02

1. Lasers in dentistry
2. Emergency medical needs in dentistry

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Prosthodontics

2014-2015 : 1, A two day work shop on denture characterization

2011-2012 : 1, Hands on workshop on BPS system

Pedodontics and Preventive Dentistry 12

2015-2016

2014-2015 03

Behavioral Sciences related to Dentistry; Communication Skills for Dental Students; Practice Management in Pediatric Dentistry

2013-2014 03

Behavioral Sciences related to Dentistry; Communication Skills for Dental Students; Practice Management in Pediatric Dentistry

2012-2013 03

Behavioral Sciences related to Dentistry; Communication Skills for Dental Students; Practice Management in Pediatric Dentistry

2011-2012 02

Behavioral Sciences related to Dentistry; Communication Skills for Dental Students

2010-2011 01

Behavioral Sciences related to Dentistry

e. Credit accumulation and transfer facility –

Regulatory guidelines are followed

f. Courses offered in modular form

Regulatory guidelines are followed

Narayana Dental College & Hospital, Nellore

g. Lateral and vertical mobility within and across programs, courses and disciplines and between higher education institutions

Regulatory guidelines are followed

h. Twinning programs; none

i. Dual degree programs - none

1.2.3 Does the institution have an explicit policy and strategy for attracting students from?

- * **other states -** Yes, as per regulatory guidelines
- * **socially and financially backward sections -** Yes, as per regulatory guidelines
- * **International students -** Yes, as per regulatory guidelines

1.2.4 Does the institution offer self-financing programs? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programs?

Yes, all the programs offered by the college are self-financed.

1.2.5 Has the institution adopted the Choice Based Credit System (CBCS) / credit based system? If yes, for how many programs? What efforts have been made by the institution to encourage the introduction of CBCS in its affiliated colleges?

The application of choice based credit system is not permitted by affiliating university and other regulatory authority.

1.2.6 What percentage of programs offered by the institution follow:

- * **Annual system** -all are annual programmes
- * **Semester system**-none
- * **Trimester system**-none

1.2.7 How does the institution promote multi/inter-disciplinary programs? Name a few programs and comment on their outcome.

The programs offered are interdisciplinary at UG level

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1.2.8 What programs are offered for practicing health professionals for skills training and career advancement?

The different departments of the college conduct continuing dental education programs to provide professional skills and carrier advancement training for the practicing dentist.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the institution reviewed and upgraded for making it socially relevant and/or skill oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

As already described add-on courses, problem based learning, enrichment courses, CDE's are conducted across all the departments and the curriculum is made knowledge intensive and skill oriented which meets the needs of the students and other stakeholders. The community needs of oral healthcare services and awareness of oral diseases are met by community integration into curriculum and extension activities.

1.3.2 During the last four years, how many new programs were introduced at the UG and PG levels? Give details.

- * multi/inter-disciplinary
- * programs in emerging areas
- * multi/inter-disciplinary
- * programs in emerging areas

1.3.3 What are the strategies adopted for the revision of the existing programs? What percentage of courses underwent a syllabus revision?

The college has established systematic curriculum revision process through curriculum committee also initiated co-curricular activities in all the departments.

1.3.4 What are the value-added courses offered by the institution and how does the institution ensure that all students have access to them?

Department level problem based learning, enrichment courses are implemented to meet the curriculum and deficiencies, at the institution level working knowledge of computers working with Wi-Fi, internet, communication skills, soft skills to learner are few such valued courses offered.

1.3.5 Has the institution introduced skills development programs in consonance with the national health programs?

The departments have introduced programs that are in consonance with National oral health programs

1.3.6 How does the institution incorporate the aspects of overall personality development addressing physical, mental, emotional and spiritual wellbeing of the student?

The college has appointed physical director, provides excellent sports facilities, the management provides strong encouragement for sports cultural, and spiritual activities Behavioural cell is established to deal with deviated behaviours of the human resource. The personality development sessions are conducted on topics such as leadership, decision making, team working, problem solving and communication skills.

1.3.7 Does the curriculum provide for adequate emphasis on patient safety, confidentiality, rights and education?

The institution has initiated awareness creation among the patient populations regarding patient rights and safety education and provisions of in the law.

1.3.8 Does the curriculum cover additional value systems?

The curriculum provides additional value systems incorporating environment conscious, National integrity, constitution of India and such other subjects.

1.4 Feedback System

1.4.1 Does the institution have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

The college elicits feedback on curriculum from national and international faculties during their visit to campus

1.4.2 Does the institution elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and their impact.

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The college elicits feedback on curriculum from national and international faculties during their visit to campus.

1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum and the extent to which it is made use of.

The student provides feedback on curriculum, few such feedbacks are, course feedback, program feedback, course and teaching evaluation and other feedbacks, analysis of the feedbacks implements in the curriculum, teaching learning and research is initiated.

1.4.4 Based on feedback, what are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring the effective development of the curricula?

Based on the feedback analysis of the students on courses and program good number actions initiated

Faculties are informed to improve on their performance

Library upgraded

Book bank facility is initiated

Facilities for teaching learning enhanced, Curriculum committee is constituted for development curriculum

1.4.5 What mechanisms are adopted by the management of the institution to obtain adequate information and feedback from faculty, students, patients, parents, industry, hospitals, general public, employers, alumni and interns, etc. and review the activities of the institution?

The feedback committee obtains feedback from students, parents, alumni, patients and such other stakeholders through different designed feedback formats

Any other information regarding Curricular Aspects which the institution would like to include.

**Criterion II:
Teaching - Learning
and Evaluation**

Narayana Dental College & Hospital, Nellore

2.1 Student Enrolment and Profile

2.1.1 How does the institution ensure publicity and transparency in the admission process?

Publicity of the admission process of institution is done through news paper advertisements regularly. The college website is <http://www.narayanadentalcollege.com> and the website has complete history and background of the institution. The website also elaborates on the different departments, their activities, such as research, courses offered and added facilities available.

2.1.2 Explain in detail the process of admission put in place by the institution. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test, aptitude and interview, (iv) common entrance test conducted by state agencies and national agencies (v) any other criteria (specify).

The Dental course admissions shall be made based on common entrance test (EAMCET for 50% BDS, APMEDCO for 35% BDS, NRI quota for 15% BDS, APPG for 50% MDS, and management quota for 50% MDS). The notification of the common entrance test shall be publicized in the newspaper and university website, <http://ntruhs.ap.nic.in>. The common entrance tests are conducted and merit rankings and category merit list (reserve categories arranged in the form of merit ranking) are published in university website.

2.1.3 Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.

University constitutes and monitors the competent authority for admission process. The competent authority of the university shall issue an advertisement calling for a single application in the prescribed form from the eligible qualified candidates who have been assigned ranking in the common entrance test desirous to seek admissions in government and private dental colleges in respect of seats to be filled by the competent authority. The competent authority shall prepare the merit list namely common merit list, category merit list (reserve categories arranged in the form of merit ranking), and in case of same rank being obtained by more than one candidate, the marks obtained in physics, chemistry, botany, and zoology shall be reckoned. The candidates shall call for interview in the order of merit for selection and allotment of courses and institution.

2.1.4 Does the institution have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it s to the improvement of the process?

The college has established admissions committee that monitors and reviews the entire process of admission. After admissions are over and approved by the university, necessary data category wise is maintained by the committee for all the years. The college has more number of female students than male students; around 75% of students are female students.

2.1.5 What are the strategies adopted to increase / improve access for students belonging to the following categories:

- * SC/ST – the state government has adopted a policy to improve access for students belonging to SC/ST and suggested the university to reserve 15% of the seats to SC and 6% of the seats to STs and same is followed during admission process
- * OBC - the state government has adopted a policy to improve access for students belonging to OBC and suggested the university to reserve 25% of the seats to OBC and same is followed during admission process
- * Women – 33.33% of the seats are reserved for women in each category of BDS and MDS admissions as per government policy. The woman candidates outnumbered men approximately at BDS (4:1) and MDS level (3:2).
- * Persons with varied disabilities - the state government has adopted a policy to support for students belonging to varied disability and suggested the university to reserve 3% of the seats and same is followed during admission process. We had very few students with varied disability and the college has extended support to contribute towards successful completion of studies. Most areas of the college and hospital are accessible for specially abled individuals—with a ramp providing access to the building and an elevator allowing access to the different floors of the hospital.
- * Economically weaker sections – the state government provides complete fee reimbursement for economically weaker section of students.
- * Outstanding achievers in sports and other extracurricular activities – 0.5% of the seats are reserved for students excel in sports in each category of BDS and MDS admissions as per the state government policy. The institution conducts sports and extracurricular events every year and encourages them.

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2.1.6 Number of students admitted in the institution in the last four academic years:

| YEAR | MDS |
|------|-----|
| 2012 | 31 |
| 2013 | 41 |
| 2014 | 41 |
| 2015 | 43 |

| YEAR | BDS |
|------|-----|
| 2012 | 100 |
| 2013 | 100 |
| 2014 | 100 |
| 2015 | 100 |

MDS

| YEAR | MALE | FEMALE | SAME STATE | OTHER STATE | PH- (Physically Handicap) | SC/ST-OBC | TOTAL |
|------|------|--------|------------|-------------|---------------------------|-----------|-------|
| 2012 | 14 | 17 | 31 | - | - | 10 | 31 |
| 2013 | 22 | 19 | 41 | - | - | 18 | 41 |
| 2014 | 17 | 24 | 39 | 2 | - | 23 | 41 |
| 2015 | 21 | 22 | - | - | - | 23 | 43 |

BDS

| YEAR | MALE | FEMALE | SAME STATE | OTHER STATE | PH- (Physically Handicap) | SC/ST-OBC | TOTAL |
|------|------|--------|------------|-------------|---------------------------|-----------|-------|
| 2012 | 21 | 79 | 100 | - | - | 45 | 100 |
| 2013 | 16 | 84 | 99 | 1 | - | 46 | 100 |
| 2014 | 18 | 82 | 99 | 1 | - | 54 | 100 |
| 2015 | 22 | 78 | 100- | | - | 47 | 100 |

2.1.7 Has the University conducted any analysis of demand ratio for the various programs of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

The NTR University of Health Sciences may have undertaken an analysis of demand ratio for dentistry and observed increase in demand trends. These necessitate the university and state government to increase the number of dental colleges in the state and also to increase in seats available in dental courses. The MDS seats in the departments of Prosthodontics and Crown and bridge have increased from 3 to 6. Conservative and endodontics, Periodontics, Orthopedics and Dentofacial orthopedics, Oral and Maxillofacial surgery, and Paediatric and Preventive dentistry have increased from 3 to 5. Oral medicine and Radiology has increased from 4 to 6 in the last 4yrs at our institution.

2.1.8 Were any programs discontinued /staggered by the institution in the last four years? If yes, specify the reasons.

Nil

2.2 Catering to Student Diversity

2.2.1 Does the institution organize orientation / induction program for fresher's? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

The institution conducts orientation program before commencement of the classes for 1st BDS students. All the students along with their parents made aware of the academic

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calendars. An induction program for nine days with all head of the departments each day speaking about teaching schedules, exam schedules, discipline, ethics to follow, and extracurricular activities. This induction program was held from 1-9-2015 to 11-9-2015 for the 2015-2016 admission students

2.2.2 Does the institution have a mechanism through which the “differential requirements of the student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

Yes, the institution does have a mechanism for differential requirements of the student population after admission and before commencement of classes. For example, at the orientation lecture, students from local speaking and writing medium during intermediate were identified and suggest to attend for English speaking and writing classes to improve learning and understanding at our in campus language lab.

2.2.3 How does the institution identify and respond to the learning needs of advanced and slow learners?

The institution has a committee to the learning needs of advanced and slow learners headed by Dr.R.V.Kishore Kumar and its members. The committee identifies slow and advanced learners through internal assessment examinations and weekly tests. These tests provide information on the competency of each student, allowing the college to adopt remedial strategies, particularly in the case of slow learners. Additional lectures and practical/clinical sessions are organized for such students to improve on the knowledge and skills acquired. The exam performance, attendance status, special classes, etc. will be update to the parents. The Potential improvements of the programme would be gauged through student performance in the university examinations. The advanced learners will be guided in their interested field and provide their research to present at scientific forums.

2.2.4 Does the institution offer bridge / remedial / add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

The college has language lab with faculties appointed for the purpose. The courses offered are communication skills, soft skills, speaking regional language and English.

College time table has add-on-course about ethics in dentistry, which is structured in second year time table. These lectures are taken by college faculty. This allows the students to know clinical ethics before they come to clinical postings at third year

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2.2.5 Has the institution conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, differently-abled, etc.? If yes, what are the main findings?

The result analysis committee evaluates results and monitors academic growth of different category of students and has maintained such data year wise for last five years.

No, the college has not conducted any study on the growth of students from disadvantaged sections of society, economically disadvantaged, and differently-able.

2.2.6 Is there a provision to teach the local language to students from other states/countries?

Majority of the students are from Andhra Pradesh, familiar with local telugu language. If the students are admitted from other states, the local language class can be conducted on need basis.

2.2.7 What are the institution's efforts to teach the students moral and ethical values and their citizenship roles?

As a part of personality development activity the learners are dwelt with spiritual and moral lectures on ethical values. College conducts awareness lectures on citizenship role, Indian constitution, National integration, environment consciousness, and genders sensitized.

College time table has lecture about ethics in dentistry, which is structured in second year time table. These lectures are taken by college faculty. This allows the students to know clinical ethics before they come to clinical postings at third year

2.2.8 Describe details of orientation/ foundation courses which sensitize students to national integration, Constitution of India, art and culture, empathy, women's empowerment, etc.

The institution has a part of personality development activity the learners are dealt with spiritual and moral lectures and ethical values. College conducts awareness lectures on citizenship role, Indian constitution, National integration, environment consciousness, and gender sensitization.

The college is in compliance with NTR University of health sciences guidelines which have a zero tolerance towards any form of gender discrimination, exploitation and harassment. In

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this regard, the college has constituted a 'Women's Welfare Cell', which addresses women student problems

2.2.9 Has the institution incorporated the principles of Life Style Modifications for students based on Eastern approaches in their day to day activities?

The college conducts guest lectures on healthy food habits living with diabetics and hypertension and such other life style modification lectures.

The college has Yoga centre, where meditation and yoga on campus are taught by qualified professionals. All the students are permitted to use the facility at fixed appointments.

2.2.10 has Yoga/Meditation/any other such techniques been practiced by students regularly as self-discipline?

The college has well established Yoga center students and faculties participate in these activities. World yoga day celebrated in the campus.

2.2.11 how does the institution attend to the diverse health issues (physical and mental) of students and staff?

The campus has excellent sports facilities for both indoor, outdoor games and has appointed a full time physical director. Health issues of the students and faculties are dealt by on campus post graduate medical college attached super specialty hospital. The services offered are free except for the medicinal charges.

2.2.12 Does the institution cater to the needs of groups / individuals requiring special attention by conducting group classes / special individual trainings / focused group discussion / additional training measures etc.?

The college has established systematic mentorship process, this process deals and meets the individual groups for special individual training needs.

2.3 Teaching-Learning Process

2.3.1 How does the institution plan and organize the teaching-learning and evaluation schedules such as

- * academic calendar

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The academic calendar and the micro-schedule prepared by the affiliating Dr. NTR health science facility

* **master plan**

The master plan is prepared by the institution based on the academic calendar prepared by the university which includes theory schedules, practical schedules, and examination schedules for the entire academic year

* **teaching plan**

From the academic calendar of the affiliating university teaching schedule is prepared by all the departments. The theory topics are allotted to different teachers and the clinical components is dealt by case based learning and problem solving

* **rotation plan**

The students of 3rd BDS, 4th BDS and interns are placed in different departments on rotation. This clinical rotation provides ample opportunities for the learner to complete their clinical quota as per university requirements.

* **course plan**

The course plan guidelines are given by the national apex body which are implemented by affiliating university and the college follows it

* **unit plan**

Unit plan of students in the each departments are planned by the head of the departments to facilitate ample opportunities for the learner to complete their clinical quota as per university requirements.

* **evaluation blue print**

The college maintains the evaluation schedules for examinations

* **outpatient teaching**

The university has provided specific number of hours for clinical training. The large portion of training involves outpatient training only and is done under the guidance of senior faculty of the department.

* **in-patient teaching**

As a dental college outpatient and community teaching is largely practiced however inpatient teaching is provided in oral surgery department

* **clinical teaching in other sites**

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Post graduations of the few departments are posted in Radiology, Forensic medicine, general medicine, general surgery, ENT, oral oncology, and dermatology. Some students are posted in neurosurgery and surgical oncology

*** teaching in the community**

Students of BDS level are posted in satellite centers. Students also participate in community dental camps, and awareness lectures.

2.3.2 Does the institution provides course objectives, outlines and schedules at the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

The objectives, outlines, and schedules are followed by the college according to affiliated university. The effectiveness of the process is monitored by feedback from students and parents.

2.3.3 Does the institution face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these

The affiliating university has drawn academic calendar with details of micro scheduling. In addition, committee for annual calendar of events prepares detail timetable for the entire year. As all the academic events including co-curricular and extracurricular activities are incorporated in the schedules the college completes the allotted curricular in this stipulated time frame.

2.3.4 How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

The college adopts students centric teaching learning methodologies such as seminars, symposiums, minor research projects, participating in conferences, chair site teaching, group discussions learning by doing, hands on experiences community teaching, mock examinations, conducting viva, internet Wi-Fi facilities, and simulated exercises.

College believes teaching should be student centric. College adopted student interactive programmers as basis for learning. College gives assignments, seminars, mandates field/

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community visits with the objective of enhancing learning experiences.

2.3.5 What is the institution's policy on inviting experts / people of eminence to augment teaching-learning activities?

The policy is to invite eminent teachers as guest speakers to address topics on continuing dental education.

2.3.6 Does the institution formally encourage learning by using e-learning resources?

College encourages e-learning and each department is attached with internet and access to journals. College also has attachment to university online library.

The college strongly encourages E-learning students and faculties use E-learning facilities available on the campus

2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning and open educational resources used by the faculty for effective teaching?

The college provides working knowledge of computers with Wi-Fi. We maintain videos of interesting cases in the data base and use them for teaching.

2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the institution's educational processes?

Associate dean academic with his team monitors the development in open source community.

2.3.9 What steps has the institution taken to transition from traditional classrooms into an e-learning environment?

The college equipped with smart classes E-Library resources and E-boards across the campus. The college practices intensive E-learning on the campus

2.3.10 is there provision for the services of counsellors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

The college practices mentor and mentee system also established behavioral cell on the campus these processes meet academic personal and psycho-social guidelines

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The college has a systematic mechanism for mentorship which is constituted through a committee under the dean. The chief mentor is the head of the institution. Students of each year are allotted to a mentor. The mentor reviews the performance of each student in their list, once in every month and record of the performance is maintained. Accordingly, the students are counselled if required and measures are taken to make improvements in the required areas. The progress of each student is maintained in a clear record.

2.3.11 Were any innovative teaching approaches/methods/practices adopted and implemented by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

Numerous innovative teaching methods & practices are being practiced in the institution. They include class room teaching, interactive session, tutorials, PBL, teaching beyond the syllabus, project works, satellite center postings, community oriented dental education, seminars, symposiums, use of mannequins etc. for all the programs conducted feedback is collected from the students. The feedback is then analyzed. The outstanding performance of the teacher is felicitated by the institution.

2.3.12 how does the institution create a culture of instilling and nurturing creativity and scientific temper among the learners?

The institute nurtures culture of creativity and scientific temper through different learning experiences provided. The department conducts the journal clubs, seminar symposium, conferences and workshops and courses beyond curriculum including continuing dental education. Through these activities a competitive environment for distinguished achievements in academics is maintained.

The college encourages the students and the faculty to participate in various project and research works. The faculty is provided with additional financial benefits for the participation & accomplishment of the work. The students are also given medals of appreciation for the same.

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| Expenses for Academic research activities | | | | |
|---|---------|-----------------|-------------------------|-------------------|
| S.No | Year | Conference Exp | Article Publication Exp | CDE Programme Exp |
| 1 | 2011-12 | 91,500 | - | 63,274 |
| 2 | 2012-13 | 1,00,000 | 2,14,000 | 90,583 |
| 3 | 2013-14 | 1,35,000 | 1,35,000 | 85,816 |
| 4 | 2014-15 | 70,000 | 3,15,000 | 1,16,450 |
| 5 | 2015-16 | 30,000 | 50,000 | 77,960 |
| Total | | 4,26,500 | 7,14,000 | 4,34,083 |

2.3.13 Does the institution consider student projects mandatory in the learning program? If yes, for how many programs have they been (percentage of total) made mandatory?

- * number of projects executed within the institution
- * names of external institutions for student project work
- * role of faculty in facilitating such projects

Many projects are executed in the institution. Student projects are mandatory for all core dental subjects. Dissertation projects are carried out at PG level. Faculty members guide the students in completion of the projects

2.3.14 Does the institution have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

The institution meets the human resources requirements as per the guidelines given by the dental council of India. If any additional faculty is needed, the head of the institution is empowered to appoint for the same. However, no such short falls of human resources is noticed by the college.

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2.3.15 How are the faculty enabled to prepare computer-aided teaching / learning materials? What are the facilities available in the institution for such efforts?

The college has in-house IT department with hardware and software personal. The college has trained concerned faculties in working knowledge of computers, Internet, Wi-Fi, LCD projections, and preparing PowerPoint. All the departments and faculties are provided with necessary hardware's, computers, internet, scanning and printing facilities.

The knowledge of computers is mandatory for all faculties. All are trained in the preparation of ppts, working with internet, excel, how to use printers and scanners. The college has many facilities like computers, scanners, printers, LCD, Wi-Fi facilities.

2.3.16 Does the institution have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?

The college has implemented a comprehensive feedback system. This system evaluates the education services and research facilities by the concerned stakeholders. Student's alumni patients and faculties provide feedback. Based on the feedback the facilities for teaching learning are improved, library services updated book bank facilities enhanced journals procured. The IT facilities including the speed is increased

The teachers are evaluated by the student's by periodical collection of feedback regarding each teacher. They are then evaluated and areas for improvement are identified, necessary steps to improve accordingly are taken.

2.3.17 does the institution use telemedicine facilities for teaching-learning processes? If yes, cite a few instances.

Yes, the process of tele-medicine facilities is initiated.

2.3.18 Does the institution utilize any of the following innovations in its teaching-learning processes?

- **ICT enabled flexible teaching system.**

Students are encouraged to obtain knowledge using modern learning tools and the use of the World Wide Web has been a very helpful tool adopted by students and faculty alike. Students are permitted during college hours by Heads of Departments to collect learning material and obtain knowledge from the Internet—both online journals and textbooks are downloaded.

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The Internet per se is a vast resource of knowledge, which provides students with lectures on a number of topics and also gives the students access to computer-based 3D animations that assist in comprehension.

- **Simulations.**

Undergraduate students at the college have an extensive clinical curriculum that is structured across III BDS, IV BDS and Internship. Prior to entering clinics in III BDS, students are expected to obtain a satisfactory grading and 50% marks in their year-end preclinical exercises' university examinations in II BDS. The exercises are organised in the simulation labs (phantom head laboratory). Basic preclinical instruction in restorative dentistry begins in II BDS. Students in this year learn the principles of cavity preparation and restoration of adult dentition in the simulation clinics (phantom head laboratory). Silver amalgam, glass ionomer and composite restorations are included in this instruction. The aim of the preclinical exercises is to develop skills in various restorative procedures pertaining to the salvage of dentition before students start treating patients per se in III BDS.

Simulation exercises are also undertaken in prosthodontics, paediatric dentistry, orthodontics (e.g., using the simulation software programmes such as Dolphin 10, Vista dent OC), and forensic odontology (covered under oral pathology and oral medicine and radiology).

- **Evidence based medicine.**

The concept of evidence-based dentistry requires updating oneself with the latest research or literature-based evidence on current trends in the effectiveness of various treatment modalities. Faculty in the college update themselves regularly using conventional and modern means and apply the same in lectures, clinical teaching and treatment.

- **Emphasis on development of required skills, adequate knowledge and appropriate attitude to practice medicine.**

The college emphasise on development of skills first through acquisition of sound knowledge. Hence, as much as possible, didactics, lectures and group discussions precede clinical and practical training. In some departments, clinical skills are first practiced on simulated cases/models. The teaching and assessment pattern ensures that, without sound knowledge practical and clinical skills cannot be developed.

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Through adequate exposure to treating patients—both in an urban and rural setting—the college believes that students are sensitised to develop an attitude of service essential to practicing dentistry and health sciences. Lectures on Problem based learning (PBL).

The principle of problem-based learning is undertaken in all departments, minimum of 2 topics per year

- **Student assisted teaching (SAT).**

During the case based learning students are appropriately guided for managing the given allotted patient for treatment.

- **Self directed learning and skills development (SDL).**

Self-directed learning and skills development is intensively practices across the curriculum

- **Narrative based medicine.**

Not applicable

- * **Medical humanities.**

Medical humanities is relevantly used in Behavioral Science. Medical humanities are interdisciplinary field medicine that includes the humanities religions, literature, philosophy, history and ethics. The social science (Anthropology, Health geography, Sociology, Cultural studies, are included) the medicine with interdisciplinary arts such as literature theatre film are also included.

- * **Drug and poison information assistance centre.**

Yes, in medical college

- * **Ayurveda practices.**

Not applicable

- * **Yoga practices.**

Incorporated as applicable

- * **Yoga therapy techniques.**

Yoga center is present on the campus

- * **Naturopathy and its practices.**

Not applicable

- * **Any other.**

2.3.19 Does the institution have an Electronic Medical Records facility, staffed by trained and qualified personnel? Is it used for teaching-learning process?

Yes, The College uses electronic medical records and is staffed by trained personal. The college has an outpatient dental records facility in the dental hospital located adjacent to the main entrance in the lobby. It is staffed by a full- time Hospital Accountant and seven other staff members, well-experienced in maintaining and accessing day-to-day and archival records. The records are maintained for more than 10 years. The demographic data entry is electronic in nature although the records per se are conventional and follow a paper filing-based system. The Dental Records Section functions in the following manner:

Each prospective patient is given an Oral Health Record (OHR) along with a Registration Card (for patient's reference) on payment of a nominal fee (Rs. 10/-). The OHRs are serially numbered and each new allocation of OHR is electronically entered into the "New Case Register".

All OHRs are kept in folders, each of which contain fifty Case Sheets, and are stored in safe filing cupboards. The records are maintained for a period of at least three years from the date of initial registration.

On subsequent appointment, the patient is required to produce the Registration Card number at the Records Section to obtain his/her OHR. The entries of the OHR are made in the "Old Case Register".

Towards the completion of each working day, the OHRs are collected from the patient or from the treating department and are cross-checked with the entry made in the Old- and New Case Register, to ensure that all dental records have been returned. The serial numbers of OHR that have not been returned (if any exist) are entered in a separate register for future reference.

The OHRs are provided to students, who have examined the particular case, for assistance in teaching-learning activity (e.g., radiographic interpretation, research). A separate entry about this is maintained to ensure that the OHR is duly returned.

2.3.20 Does the institution have well documented procedures for case sheet writing, obtaining informed consent and the discharge process of the patients?

Yes, the institution has maintained documented procedures for case sheet writing to obtain informed consent and the discharge process.

2.3.21 Does the institution produce videos of clinical cases and uses them for teaching-learning processes?

Yes. Faculty members in several departments prepare videos of interesting and unconventional clinical cases for use in presentations both in internal and external lectures.

Department of oral medicine and radiology videos list

1. Punch Biopsy
2. Intralesional Steroids
3. Patient Counseling
4. Lasers
5. Tens Therapy
6. FNAC
7. Intraoral radiographic techniques
8. Extra oral radiographic techniques

Department Of Oral and Maxillofacial Surgery Videos List

1. Inferior Alveolar Nerve Block
2. Infraorbital Nerve Block
3. Mandibular Nerve Block
4. Greater Palatine Nerve Block
5. Naso Palatine Nerve Block
6. Patient Position For Maxillary Extraction
7. Patient Position For Mandibular Extraction
8. IOPA Examination
9. OPG Examination
10. Maxillary Anterior Teeth Extraction
11. Maxillary Premolar Teeth Extraction
12. Maxillary Molar From First Quadrant Extraction
13. Maxillary Molar From Second Quadrant Extraction
14. Mandibular Anterior Teeth Extraction
15. Mandibular Premolar Teeth Extraction
16. Mandibular Molar Teeth Extraction
17. Use Of Straight Elevator
18. Use Of Cross Bar Elevator
19. Transalveolar Extraction
20. Third Molar Flaps
21. Mesio Angular Impaction
22. Horizontal Impaction
23. Disto Angular Impaction
24. Completely Submerged Impaction

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1. Alveoloplasty
2. Biopsy
3. Arch Bar
4. Eyelet Wiring
5. Different Suturing Techniques
6. Incision And Drainage
7. Enucleation
8. Apicectomy
9. Trauma Patient Examination
10. Vestibular Incision
11. Submandibular Incision
12. Retro Mandibular Incision
13. Pre Auricular And Modifications
14. Gillies Temporal Approach
15. Mini Plate Fixation
16. Cleft Lip Repair
17. Palatoplasty
18. Arthrocentesis
19. Implants
20. Bone Marrow Aspiration
21. Syncope Treatment

Department of public health dentistry

1. Oral Prophylaxis
2. Pit And Fissure Sealant Application
3. Preventive Resin Restoration Application
4. Topical Fluoride Application- Apf Gel- Tray Technique
5. Topical Fluoride Application- Apf- Paint on Technique
6. Topical Fluoride Application- Varnish Application
7. Treatment Of Fluoresced Teeth Or Discolored Teeth
8. Tooth Extractions
9. Restorations Gic, Composites
10. Health Education Video on Dental Caries
11. Health Education Video on Flossing Technique

Department of orthodontics and dentofacial orthopedics

1. Videos of Post Graduates Working On Clinical Cases – 30 No.
2. Video of Seminar Presented By The Pg Students.
3. Video of Seminar Presented By The Ug Students.
4. Video of Journal Club Presentations By Pg Students.
5. Video Of Case Presentation Discussion By Pg Students.
6. Video Of Department Staff Taking Theory Classes For Ug Students.

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7. Video Of Department Staff Giving Demonstrations For Ug Students.
8. Video Of Department Staff Giving Demonstrations For Pg Students.
9. Video Of Department Staff Conducting Discussion For Pg Students.
10. Video Of Department Staff Conducting Discussion For Ug Students.

Department of conservative and endodontics videos list

1. Periapical Surgery.
2. Bleaching
3. Inlay
4. Onlay
5. Post & Core.
6. Diastema Closure.
7. Perforation Repair.
8. External Root Resorption.
9. Apexification.
10. Fracture Reattachment.
11. Smile Designing.

Department of periodontics videos list

1. Flap Surgery
2. Frenectomy
3. Gingivectomy
4. Lateral Pedicle Flap Surgery
5. Crown Lengthening
6. Guided Tissue Regeneration Surgery

Department of oral maxillofacial pathology & microbiology videos list

1. Clinical/Chair Side Case Discussions
2. Grossing Of Specimens
3. Processing Of Specimens
4. Sectioning Of Specimens
5. Staining Of Slides
6. Preparation & Staining Of Cytosmears
7. Blood Investigations (Rbs, Dc, Hb)
8. Reporting And Discussion Of Patient Slides
9. Clinicopathologic Case Discussion
10. Pg Slide Discussion

Department of paedodontics videos list

1. Indirect Pulp Capping
2. Direct Pulp Capping

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3. Pulpotomy
4. Pulpectomy
5. Apexification
6. Tell-Show-Do
7. Voice Control
8. Systematic Desensitization
9. Modeling
10. Frefment Reattachment Procedure
11. Stainless Steel Crown Preparation
12. Pit And Fissure Sealents
13. Fluoride Application
14. Preventive Resin Restoration
15. Band Adaptation Procedure
16. ART And ITR
17. Class II Preparation In Primary Molars
18. GCC
19. Strip Crowns
20. Rubber Dam Isolation.

Department of prosthodontics videos list

1. Plaster cubes
2. Impression compound manipulation & impression making
3. Zinc oxide eugenol paste impression making
4. Alginate impression
5. Cast preparation and trimming
6. Beading and boxing
7. Shellac base plate adaptation
8. Denture base fabrication with self cure
9. Custom tray fabrication
10. Denture processing
11. Teeth arrangement
12. Finishing & polishing of dentures
13. Articulation procedure
14. Cast metal tooth preparation
15. Metal ceramic preparation
16. All ceramic preparation
17. 3/4th crown
18. 7/8th crown
19. Mesial half crown
20. Post core
21. Veneer preparation
22. Indexing

23. Die preparation & die ditching
24. Spacer application
25. Wax pattern for crown preparation
26. Temporization or provisional restoration
27. Investing and casting
28. Impression for FPD
29. Soft tissue management in FPD
30. CPD mouth preparation
31. Impression for RPD
32. Surveying
33. Duplication of cast
34. CPD designing
35. Wax pattern
36. Maxillofacial impression
37. Obturators
38. Processing and staining of maxillofacial region
39. Implant surgical procedures
40. Implant prosthetic procedures.

2.3.22 Does the institution perform medico legal/post-mortem procedures with a view to train the undergraduate and post-graduate students in medico legal procedures?

The Dental College is private self-financing and affiliated to Dr NTR University of Health Sciences. No such procedures are applicable.

2.3.23 Does the institution have drug and poison information and poison detection centres? How are these used to train the students?

Is present on the medical college which is present on the same campus

2.3.24 Does the institution have a Pharmacovigilance / Toxicology centre /clinical pharmacy facility / drug information centre/Centre for disease surveillance and control/Prevention through Yoga/Promotion of positive health/Well-equipped Psychology Laboratory/ Naturopathic diagnostic centre, etc.?

Pharmacovigilance, Clinical pharmacy, drug information center, psychology laboratory, yoga unit is present on the campus. The college has established policies and procedures for infection control and handling and disposing of hazardous waste. All clinical departments and laboratories are provided with a Clinical and Lab Safety Manual with necessary precautions and instructions.

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2.3.25 Laboratories / Diagnostics

- * How is the student's learning process in the laboratories / diagnostics monitored? Provide the laboratory time table (for the different courses).
- * Student staff ratio in the laboratories / diagnostics.
- * U.G. Time Table for 1st year
- * Academic year 2014-2015

Practical Time tables and clinical details

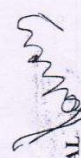

1st BDS TIME TABLE

| Time → Day ↓ | 9 to 10 AM | 10 to 11 AM | 11 to 12 AM | 12 to 1 PM | 1 to 2 PM | 2 to 4 PM | 4 to 5 PM |
|-----------------|-------------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------|--|-----------|
| Monday | Anatomy Lecture | DADH Lecture | Batch 1-DADH Batch 2-PCP | Batch 1-DADH Batch 2-PCP | L U N C H | Batch 1-PCP Batch 2-DADH | REVIEW |
| Tuesday | Biochemistry Lecture | Physiology Lecture | Batch 1-PCP Batch 2-DADH | Batch 1-PCP Batch 2-DADH | | Batch 1-Biochemistry Batch 2-Physiology | REVIEW |
| Wednesday | Anatomy Practical whole batch | Anatomy Practical | Physiology Lecture | DADH Lecture | Exam | Batch 1-Physiology Batch 2-Biochemistry | REVIEW |
| Thursday | Biochemistry Lecture | Physiology Lecture | Batch 1-DADH Batch 2-PCP | DADH Lecture | | Batch 1-PCP /DM Batch 2-DADH | REVIEW |
| Friday | DADH Lecture | Whole batch Anatomy Practical | Anatomy Lecture | Anatomy Lecture | | Batch 1-DADH Batch 2-PCP | REVIEW |
| Saturday | Whole batch Anatomy Practical | Anatomy Lecture | Anatomy Lecture | Biochemistry Lecture | | | |

COPY TO

Dept. of ANATOMY,
Dept. of PHYSIOLOGY,
Dept. of BIO-CHEMISTRY,
Dept. of DADH,
Notice Board

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- * U.G. Time Table for 2nd year
- * Academic year 2014-2015

NARAYANA DENTAL COLLEGE & HOSPITAL
CHINTHAREDDYPALEM::NELLORE

TIME TABLE FOR II YEAR BDS STUDENTS

| DAY | 9 A.M - 10 A.M | 10 A.M - 11 A.M | 11 A.M - 12 A.M | 12 Noon - 1 P.M | 1 P.M-2 P.M | 2 P.M - 3 P.M | 3 P.M - 4 P.M | 4 P.M - 5 P.M | |
|------------------|--|---|---|--|--------------|--------------------------------------|--------------------------------------|---------------------------|--------------------------------------|
| MONDAY | PRECLINICAL PROSTHETICS (P) A-BATCH | DENTAL MATERIALS (P) B-BATCH | MICROBIOLOGY LECTURE | GENERAL PATHOLOGY LECTURE | LUNCH | PRECLINICAL PROSTHETICS (P) B-BATCH | PRECLINICAL PROSTHETICS (P) B-BATCH | REVIEW FOR THE DAY | |
| TUESDAY | DENTAL MATERIALS (P) B-BATCH PROSTHETICS LECTURE DENTAL MATERIALS (THEORY) | CONSERVATIVE LECTURE DENTAL MATERIALS (THEORY) | PRECLINICAL CONSERVATIVE (P) A-BATCH PRECLINICAL PROSTHETICS (P) B-BATCH | BEHAVIOURAL SCIENCES & DENTAL ETHICS / ORAL PATHOLOGY (PRACTICALS) | | DENTAL MATERIALS (P) A-BATCH | PRECLINICAL CONSERVATIVE (P) B-BATCH | | PRECLINICAL PROSTHETICS (P) A-BATCH |
| WEDNESDAY | WEEKLY EXAM | ORAL PATHOLOGY (THEORY) | MICROBIOLOGY PRACTICALS | | | PRECLINICAL CONSERVATIVE (P) B-BATCH | PRECLINICAL PROSTHETICS (P) A-BATCH | | PRECLINICAL CONSERVATIVE (P) B-BATCH |
| THURSDAY | | PATHOLOGY PRACTICALS | PRECLINICAL PROSTHETICS (P) B-BATCH DENTAL MATERIALS (P) A-BATCH | | | PRECLINICAL CONSERVATIVE (P) B-BATCH | PRECLINICAL PROSTHETICS (P) A-BATCH | | PRECLINICAL CONSERVATIVE (P) B-BATCH |
| FRIDAY | | PHARMACOLOGY PRACTICALS | GENERAL PATHOLOGY (THEORY) DENTAL MATERIALS (THEORY) | | | PRECLINICAL PROSTHETICS (P) B-BATCH | PRECLINICAL PROSTHETICS (P) A-BATCH | | PRECLINICAL CONSERVATIVE (P) B-BATCH |
| SATURDAY | PHARMACOLOGY LECTURE | CLINICALS P.C.C./P.C.P | DENTAL MATERIALS (P) B-BATCH PRECLINICAL CONSERVATIVE (P) A-BATCH | | | TUTORIALS/REVIEW FOR THE WEEK | | | |

PRINCIPAL
(Dr. P. Mani)

* Copy to all Concerned Departments & Central Library
 * The above Schedule will come into effect from 11.09.12

- * U.G. Time Table for 3rd year
- * Academic year 2014-2015

NARAYANA DENTAL COLLEGE & HOSPITAL

CHINTHAREDDYPALEM::NELLORE

TIME TABLE FOR III BDS (NEW REGULATIONS)

| DAY | 8-9 AM | 9-10 AM | 10-11 AM | 11-12 AM | 12-1 PM | 1-2 PM | 2-3 PM | 3-4 PM |
|-----------|-------------------------------|--------------------------|---|--|--------------------------------------|-------------|--------|---|
| MONDAY | Dental Clinics WEEKLY TEST | | DENTAL CLINICS (3) | | PUBLIC HEALTH DENTISTRY THEORY | LUNCH BREAK | | GENERAL MEDICINE/GENERAL SURGERY CLINICS/WARDS |
| TUESDAY | GENERAL MEDICINE THEORY | ORAL PATHOLOGY THEORY | PERIODONTICS THEORY | CONSERVATIVE THEORY | DENTAL CLINICS (3) | | | DENTAL CLINICS |
| WEDNESDAY | GENERAL SURGERY THEORY | PEDODONTICS THEORY | ORAL SURGERY THEORY | ORAL PATHOLOGY THEORY | DENTAL CLINICS (3) | | | DENTAL CLINICS |
| THURSDAY | GENERAL SURGERY THEORY | PROSTHODONTICS THEORY | ORTHODONTICS THEORY | DENTAL CLINICS (4) | | | | DENTAL CLINICS |
| FRIDAY | ORAL PATHOLOGY THEORY | ORAL MEDICINE THEORY | ORAL PATHOLOGY / ORTHODONTICS PRACTICALS | <i>Weekly</i> DENTAL CLINICS (3) | | | | DENTAL CLINICS |
| SATURDAY | GENERAL MEDICINE THEORY | ORAL PATHOLOGY THEORY | ORAL PATHOLOGY / ORTHODONTICS PRACTICALS | GENERAL MEDICINE/ GENERAL SURGERY CLINICS/WARDS (3) | | | | GENERAL MEDICINE/GENERAL SURGERY CLINICS/WARDS |

[Signature]



- * U.G.Time Table for 4th year
- * Academic year 2014-2015

NARAYANA DENTAL COLLEGE & HOSPITAL
CHINTHAREDDYPALEM :: NELLORE
IV YEAR B.D.S. TIME TABLE

| DAY | 8 AM - 9 AM | 9 AM - 1 PM | 1 PM - 2 PM | 2 PM - 3 PM | 3 PM - 4 PM | 4 PM - 5 PM | |
|-----------|--------------------------------------|------------------------------|--------------------------------|----------------|---|-----------------------------|--|
| MONDAY | ORTHO LECTURE 30 Wks PHD 15WKS | DENTAL CLINICS | | DENTAL CLINICS | PERIO/ORAL SURGERY LECTURE 5 Wks each | PROSTHO LECTURE 9 Months | |
| TUESDAY | PROSTHO LECTURE | DENTAL CLINICS | H U N D I | DENTAL CLINICS | PHD CLINICS | PHD CLINICS | |
| WEDNESDAY | ORAL SURGERY LECTURE | DENTAL CLINICS | | DENTAL CLINICS | | | PROSTHO/CONS CLINICS |
| THURSDAY | ORAL MEDICINE & RADIOLOGY LECTURE | DENTAL CLINICS | | DENTAL CLINICS | | | PROSTHO/CONS CLINICS |
| FRIDAY | PERIO LECTURE | DENTAL CLINICS | | DENTAL CLINICS | | | CONSERVATIVE LECTURE 9 Months PHD LECTURE 1 Month |
| SATURDAY | CONSERVATIVE LECTURE | 9 AM - 10 AM PEDO LECTURE | 10 AM - 2 PM DENTAL CLINICS | | | | |

PRINCIPAL
(Dr. P. MAHESH)

2.3.26 How many procedures / clinical cases / surgeries are observed, assisted, performed with assistance and carried out independently by students in order to fulfill learning objectives?

Provided onsite

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2.3.27 Does the institution provide patients with information on complementary and alternative systems of Medicine?

The college provides, to an extent, information on complementary and alternative systems of Medicine to its patients like Herbal and Naturopathy.

2.3.28 what are the methods used to promote teaching-learning process in the clinical setting?

The curriculum of dentistry incorporates methods to promote teaching learning process in clinical setting.

A variety of methods are used to promote teaching-learning process in the clinical setting. These include case-based learning, focused group discussion, one-on-one interactions, and, the assessment of competency of clinical diagnostic and treatment modalities through the use of in-house developed formats

2.3.29 Do students maintain log books of their teaching-learning activities?

At the BDS level, the formative evaluative methods include the maintenance of log books of the practical / clinical work. The work is graded and the log book provides data on student's performance throughout the year. The log book evaluation forms part of the internal assessment as well as University examination. While day-to-day work is signed by the faculty / tutor, the log book is signed by the Department Head.

In general, MDS students in different departments also maintain a Day Log Book. The Log includes total number of cases seen, details of the treatment performed, date of treatment and approval / signature of faculty. For example, in Oral Medicine and Radiology, all postgraduates maintain a detailed 'work done' record (log book). It contains all particulars such as seminars / journal club presentations, conferences / postgraduate symposium attendance and paper / poster presentations in the same, patient biopsies undertaken in the department, and a list of complete recording of specialty cases are also included.

2.3.30 Is there a structured mechanism for post graduate teaching-learning process?

Yes, there a structured mechanism for the MDS teaching-learning process, which is based on the DCI-prescribed three-year curriculum. In general, the MDS course is divided in to several 'modules' and there are guidelines with regards to the work completion/threshold/quota expected in each 'module'. The postgraduate students are expected to prepare several

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seminars (as mutually decided by faculty and the student), 'journal clubs' (literature critique), a library dissertation, and a thesis as a partial requirement for the completion of the Masters degree.

2.3.31 Provide the following details about each of the teaching programs:

- Number of didactic lectures (yearly)
- The lecture schedules are followed as per the Dr.NTR university of health sciences guidelines in our institution
- I BDS

| SUBJECT | LECTURE HOURS | PRACTICAL HOURS |
|---|---------------|-----------------|
| General Human Anatomy including Embrology, Osteology, & Histology | 100 | 175 |
| General Human Physiology | 120 | 60 |
| Biochemistry | 70 | 60 |
| Dental Anatomy Embrology & Oral Histology | 105 | 250 |
| Dental Materials | 20 | 40 |
| Preclinical prosthodontics & crown & Bridge | - | 100 |
| Total | 415 | 685 |

- II BDS

| SUBJECT | LECTURE HOURS | PRACTICAL HOURS |
|--|---------------|-----------------|
| General & Dental pharmacology and therapeutics | 70 | 20 |
| General Pathology | 55 | 55 |
| Microbiology | 65 | 50 |
| Dental materials | 60 | 200 |
| Oral pathology & Oral microbiology | 25 | 50 |
| Pre clinical Prosthodontics & crown & bridge | 25 | 200 |
| Pre clinical conservative Dentistry | 25 | 200 |
| Total | 325 | 775 |

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- III BDS

| SUBJECT | LECTURE HOURS | PRACTICAL HOURS |
|---|---------------|-----------------|
| General Medicine | 60 | - |
| General surgery | 60 | - |
| Oral pathology & Oral Microbiology | 120 | 80 |
| Oral Medicine & Radiology | 20 | - |
| Paediatric & preventive Medicine | 20 | - |
| Orthodontics & Dentofacial Orthopaedics | 20 | - |
| Periodontology | 30 | - |
| Oral & maxillofacial surgery | 20 | - |
| Conservative Dentistry & Endodontics | 30 | - |
| Prosthodontics & crown & bridge | 30 | - |
| Total | 410 | - |

- IV BDS

| SUBJECT | LECTURE HOURS | PRACTICAL HOURS |
|---|---------------|-----------------|
| Oral medicine & radiology | 45 | 130 |
| Paediatric & preventive dentistry | 45 | 130 |
| Orthodontics & Dentofacial Orthopaedics | 30 | 130 |
| Periodontology | 50 | 130 |
| Oral & maxillofacial surgery | 20 | 90 |
| Conservative Dentistry & Endodontics | 30 | 90 |
| Prosthodontics & crown & bridge | 30 | 90 |
| Public health Dentistry | 30 | 90 |
| Total | 280 | 880 |

MDS course schedules are followed as per dental council of India regulations

PROSTHODONTICS AND CROWN & BRIDGE

I MDS

- Seminars – 5
- Journal clubs
- clinical & non clinical exercises in prosthodontic therapy

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II MDS

- Seminars – 5
- Journal clubs
- Fabrication of complete denture prosthesis
- Adequate no.of RPD, FPD, crowns, inlays.
- Management of orofacial defects.

III MDS

- Seminars – 5
- Journal clubs
- Occlusal equilibration procedures
- Management of prosthodontics emergencies & resuscitation

PERIODONTOLOGY

I MDS

Pre-Clinical work

Dental:

- 1.practise of incisions & suturing techniques on the typhodont models.
- 2.Fabrication of bite guards & splints
- 3Occlusal adjustments on the casts mounted on the articulator.

Medical:

- 1.Basic Diagnostic Microbiology, & immunology, collection & handling of sample,culture techniques.
- 2.Basic understanding of immunological diseases.
- 3.Interpretation of various biochemical investigations.

Clinical work:

- 1.Applied periodontal Indices 10 Cases
- 2.Scaling & root planning (SRP)
 - a.Hand 15 cases
 - b.Ultrasonic 15 cases

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| | |
|-----------------|----------|
| 3.curettage | 10 cases |
| 4.Gingivectomy | 20 cases |
| 5.Gingivoplasty | 10 cases |

II MDS

| | |
|-------------------------------------|----------|
| 1.Clinical work | 10 Cases |
| 2.case history & treatment planning | 5 cases |
| 3.local drug delivery techniques | |
| 4.Periodontal surgical procedures | |

III MDS

Clinical Work:

- 1.Regenerative techniques
- 2.Record, maintainance & followup of cases

ORAL AND MAXILLOFACIAL SURGERY:

I MDS

- Dissection, basic sciences, basic computer sciences, exodontia, seminars, selection of dissertation topic, library assignment topic, attending O.T & ward rounds.

- Rotations & postings in other departments:

| | |
|------------------|-----------|
| Oncology | - 2months |
| Emergency | - 1 month |
| General Medicine | - 15 days |
| General Surgery | - 15 days |
| Ophthalmology | - 15 days |
| Neurology | - 15 days |
| ENT | - 15 days |
| Orthopedic | - 15 days |

- **II MDS**

Minor Oral Surgery & higher Surgical training.
Submission of library assignment

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Examination on minor oral surgical procedures.

- **III MDS**

Maxillofacial surgery, submission of dissertation,

CONSERVATIVE DENTISTRY & ENDODONTICS:

I MDS

PRE CLINICAL WORK ON TYPHODONT TEETH:

1. Class 2 amalgam cavities
 - a. Conservative preparation - 03
 - b. Conventional preparation - 03
 2. Inlay cavity preparation on premolars - 10
& Molars – MO, DO, MOD
 - a. Wax pattern - 06
 - b. Casing - 04
 3. Onlay Preparation on molars - 02
 - a. Casing - 01
 4. Full crown
 - a. Anterior - 05
 - b. Posterior - 05
 5. 7/8 Crown - 02
 6. 3/4 crown premolars - 02
- Pre clinical work on natural tooth:
1. Inlay on molars & premolars - 08
MO, DO, MOD
 - a. Casting - 02
 - b. Wax pattern - 02
 2. Amalgam cavity preparation
 - a. Conventional - 02
 - b. Conservative - 02
 3. Pin related amalgam on molar teeth - 02
 4. Post & core buildup
 - a. Anterior teeth - 10

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- b. Posterior teeth - 05
- 5. Casting
 - a. Anterior - 04
 - b. Posterior - 02
- 6. Onlay on molars - 03
- 7. Full crown premolars & molars - 04
- 8. Full crown anterior - 06
- 9. Veneers on anterior teeth - 02
- 10. Composite Inlay - 03
- 11. Full tooth wax carving

Endodontics:

1. Sectioning of all maxillary & mandibular teeth.
2. Sectioning of teeth.
3. Access cavity opening & root canal therapy

Clinical work:

| | | |
|---|--------------------------------|----|
| A | Composite restorations | 30 |
| B | GIC restorations | 30 |
| C | Complex amalgam restorations | 05 |
| D | Composite inlay + veneers | 05 |
| E | Ceramic jacket crowns | 05 |
| F | Post & core for anterior teeth | 05 |
| G | Bleaching vital | 05 |
| | Nonvital | 05 |
| H | RCT anterior | 20 |
| I | Endo surgery | 05 |

- Seminars – 5
- J.C by each student
- Submission of synopsis.

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II MDS

| | | |
|-----|--|----|
| 1. | Ceramic jacket crowns | 10 |
| 2. | Post & core for anterior teeth | 10 |
| 3. | Post & core for posterior teeth | 05 |
| 4. | Composite restoration | 05 |
| 5. | Full crown for posterior teeth | 15 |
| 6. | Cast gold inlay | 05 |
| 7. | Splinting, reattachment of fractured teeth | 05 |
| 8. | Anterior RCT | 20 |
| 9. | Posterior RCT | 30 |
| 10. | Endosurgery | 05 |
| 11. | Management of endo-perio problems | 05 |

- Seminars- 05 by each student
- J.C – 05 by each student

III MDS

Clinical work:

- Cast gold inlay-onlay, cuspal restoration - 10
- Post & core - 20
- Molar endodontics - 50
- Endo surgery - 05
- Seminars
- Journal clubs

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS:

IMDS

- Basic preclinical work is completed. students can take up clinical cases for next two & half years.
- Seminars – 5
- Journal clubs
- Basic subject classes

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II MDS

- Clinical cases taken up should be followed under guidance
- Seminars- 5
- Journal clubs

III MDS

- Seminars – 5
- Journal clubs
- Undergraduate classes
- Case discussions

ORAL PATHOLOGY & ORAL MICROBIOLOGY:

I MDS

- Seminars – 5
- Journal clubs
- Submission of synopsis.

II MDS

- Seminars – 5
- Journal clubs
- Clinic pathological discussions once in a month.
- Lecture classes & slide discussions for 2nd yr BDS students.

III MDS

- Seminars & journal clubs
- Clinicopathological discussions.
- Reporting of histopathology slides.
- Completion of dissertation work.

PUBLIC HEALTH DENTISTRY

I MDS

- Seminars - 5
- Journal clubs – 10

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- Submission of synopsis
- Learning of different criteria & instruments in various indices
- Carrying preventive programs

II MDS

- Seminars – 5
- Journal clubs – 10
- Carrying school dental health education.
- Community oral health surveys.

III MDS

- Seminars on recent advances in preventive dentistry
- Evaluation of scientific articles – 10
- Completion & submission of dissertation.

PAEDODONTICS & PREVENTIVE DENTISTRY

I MDS

- Preclinical work for 6 months.
- Seminars – 5
- Journal clubs
- Clinical work from 7 to 36 months

II MDS

- Preclinical work for 6 months.
- Seminars – 5
- Journal clubs
- Clinical work from 7 to 36 months

III MDS

- Preclinical work for 6 months.
- Seminars – 5
- Journal clubs

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- Continuing dental health programmes.

ORAL MEDICINE & RADIOLOGY:

I MDS

1. Examination of patient - case history recordings -100
 - FNAC - 50
 - Biopsy - 50
2. Intraoral radiographs with interpretation - 500
3. seminars – 5
4. journal clubs – 10

II MDS

1. seminars – 5
2. journal clubs – 10
3. Extra oral radiographs, digital radiography – 20

III MDS

All the above &

1. Interesting cases – 25
2. IOPAR – 100
3. BITEWING – 50
4. Occlusal view - 50

- **Nursing Care Conference (NCC)**

Not applicable

2.4 Teacher Quality

2.4.1 How does the institution plan and facilitate its faculty to meet the changing requirements of the curriculum?

The faculties need to meet the changing requirements of the curriculum is initiated by providing resources and facilities to attend the conferences, seminars, symposiums and also to conduct such conferences.

As per university each department with post-graduation should conduct three CDE programs

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per year for enhancing professional skills. College also encourages its faculty members to attend conferences and CDE programs. Financial expenses of the programs along with on-duty leaves were given to the faculty by the institution. 56 such events are conducted in last 4 years.

2.4.2 Does the institution encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).

| Department | % of faculty from the same institution | % of faculty from other institutions within the State | % of faculty from institutions outside the State | % of faculty from other countries |
|------------------------------|--|---|--|-----------------------------------|
| Oral medicine and radiology | 60% | 20 | 20% | nil |
| Oral surgery | 20% | 20% | 60% | nil |
| Conservative and endodontics | 20% | 10% | 70% | nil |
| prosthodontice | 10% | 10% | 80% | nil |
| orthodontics | 20% | 50% | 30% | nil |
| pedodontics | 30% | 60% | 10% | nil |
| periodontics | 30% | 10% | 60% | nil |
| Community health dentistry | 40% | 20% | 40% | nil |
| Oral pathology | 40% | 0 | 60% | nil |
| Total | | | | |

2.4.3 How does the institution ensure that qualified faculty are appointed for new programs / emerging areas of study? How many faculty members were appointed to teach new programs during the last four years?

The college has the requisite number of faculty members as per DCI, guidelines to handle all courses. The college appointment committee notifies in the national news paper regarding job vacancies. The invited applications will be scrutinizes and considers, employee's original degree certificate(s), considers the number of years of experience of the faculty member for the purpose of appropriate designation (again, based on DCI-prescribed guidelines). The

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scrutinized candidates will be interview by the committee and selected based on their interview performance.

2.4.4 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the institution?

College is attached with medical college; and has expertise faculty available onsite.

2.4.5 What policies/systems are in place to academically recharge and rejuvenate teachers? (e.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.)

Our institution has policies to academically recharge and rejuvenate teachers. Institute provides Rs. 10,000 to all faculty members if their research is published in pubmed journal. Institute provides Rs.50, 000 per HOD and Rs.40, 000 for readers and senior lecturers to attend international conferences once in 2 years. Institute also provides Rs.20, 000 per HOD and Rs.15, 000 for readers and senior lecturers to attend national conference once in a year. All the conference days were considered on-duty. Institute also encourages conducting conferences and CDE programs at national level and financial support up to Rs. 4, 00,000 shall be given towards the same. This year we conducted post graduate national convention in the specialty of public health dentistry. The college also provides study leave for faculty members who wish to pursue further studies/fellowships and visiting and utilizing extramural facilities.

2.4.6 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

Oral Medicine and Radiology 11

2014-2015 02

1. Best Poster Award Dr.Prameela 2nd yr. P.G. at I.A.O.M.R. National P.G. convention
2. Best Paper Award Ms.Tejaswini 3rd B.D.S. at I.A.O.M.R. National U.G.Seminar

2013-2014 02

3. Best Poster Award Dr.Lavanya 2nd yr. P.G. I.E.P.N.G. Indo-US Intl Symposium
4. Best Paper Award Dr.Sai Neelima at I.A.O.M.R. National P.G. Convention

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2012-2013 03

5. Dr.Teja Srinivas Best Paper Award(Case Report Category) I.A.O.M.R. National Conference, Lucknow
6. Dr.Lakshmi Prasanna Best Paper Award (Original Research Category) I.A.O.M.R. National Conference, Lucknow
7. Dr.Sreedevi Second Best Paper Award(Original Study Category) I.A.O.M.R. National Conference, Lucknow

2011-2012 01

8. Dr.Haritha Best Paper Award I.A.O.M.R. National Conference, Bangalore

2010-2011 01

9. Dr.Lalitha Srivalli Best Poster Award National Triple O Symposium, Raipur

2009-2010 02

10. Dr.Prashanthi Best Paper Award (Original Research Category) I.A.O.M.R. National PG Convention, Belgaum
11. Dr.Marina Lazar Chandy I.A.O.M.R. National Conference, New Delhi

Oral & Maxillofacial Surgery 01

2014-2015 01

Prof Dr Kishore Kumar awarded FIBOMS Fellow Indian Board of Oral Maxillofacial Surgery 2015

Oral Pathology and Microbiology 04

2014-2015 3

1. Dr. Karthik & Dr.Deepa

28-1-15

QUIZ - Quick Rapid Review, SRMC Chennai

THIRD PRIZE

2. Dr.Neeharika Ravuru

11-7-15

PAPER - XV National PG convention, Vadodara, Jaipur

FIRST PRIZE

3. Dr.Neeharika Ravuru & Dr.Ramya

14-10-15

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QUIZ - Slide seminar, SRMC Chennai

SECOND PRIZE

2013-2014 01

1 Dr.Pankaj&Dr.Sarvani

20-1-14

QUIZ - Quick Rapid Review, SRMC Chennai

CONSOLATION

Orthodontics & Dent facial Orthopaedics 04

2014-2015

2013-2014 01

Burnout In Dentistry, 48th IOS Conference, Ahmedhabad.

B.Venkata Naidu, First Year PG.

2012-2013 01

Dr Shamil Mohammed- -University topper in orthodontics

2011-2012 01

Dr Senny Thomas kannampallil—NTR university topper- Orthodontics

2010-2011 01

Dr Spraja—NTR University Gold Medal

Periodontics 02

2014-2015 2

1. 2015 ISP perio topper in BDS 4th year - sowmya 2009 batch

2. 2014 ISP perio topper in BDS 4th year - sahithi 2010 batch

Prosthodontics

2014-2015 02

None Prof Dr. P. Srinivas Rao – First best faculty paper award, National 43rd IPS Conference.

Dr. T. Pawan Kumar – First best faculty paper award, Co-author, National 43rd IPS Conference.

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Pedodontics and Preventive Dentistry Awards 8

2015-16 04

1. PG Students: Best paper awards to Dr. Anupam Saha on ‘Children’s preference of isolation methods: Does cognitive levels influence?’;
2. Dr. D. Rupak Kumar on ‘Building future: Child’s view on Pediatric dentists and dental care’, at 37th ISPPD Conference, Raipur.
3. UG Student: Best paper award: K. Tejaswini, III BDS for ‘Applications of Stem Cells in Pediatric Dentistry’ at Extract 15, AP State UG Conference, Vijayawada.
4. Best paper award: K. Tejaswini, III BDS for ‘Stem Cells Applications in Regenerative Therapy’ at National Oral Medicine & Radiology UG Conference, Chennai.

2014-2015 02

Faculty: Annual research award to Dr Sivakumar Nuvvula by Narayana Medical Institutions

5. PG Student: Best poster award to Dr. D. Rupak kumar on Attachment profiles in pediatric dentistry, 36th ISPPD Conference, Lucknow.
6. UG Student: Best poster award to Pradeepa P, Intern., for ‘Bronfen Benners Theory’ at National UG Conference, Rajahmundry.

2013-2014 02

PG Students:

7. Best paper award to Dr. Kumar Raja Gaddam, 35th ISPPD Conference, September 2013, Jaipur.
8. Best paper award to Dr. Lakshmi Sindhuri Veluru, 35th ISPPD Conference, September 2013, Jaipur

Public health dentistry 13

2014-2015 06

1. Best paper award at XIX IAPHD Conference at Cochin – Dr. Deepthi A
2. Best paper award at IX IAPHD PG Convention at Nellore – Dr. Priyanka K
3. Best poster award at IX IAPHD PG Convention at Nellore – Deepthi A
4. Dr. S Hari krishnam Raju – Gold medal-2014
5. Dr. V. Chandra Sekhara Reddy Tarneja Award and NIPM Proficiency Medal, Karnataka Chapter Silver Jubilee Medal
6. Doctoral / post-doctoral fellows: Dr.V.Chandra Sekhara Reddy, Ph.D Scholar, University of Madras, Chennai

Narayana Dental College & Hospital, Nellore

2013-2014 1

1. Dr ASK Lahari – Gold medal 2013

2012-2013 2

1. Best paper award at XVII IAPHD Conference at Chennai – Dr. Rajesh
2. Dr Dhanya Muralidharan – Gold medal 2012

2011-2012 1

1. Dr Sharath P – Gold medal 2011

2010-2011 3

1. Best paper award at XIV IAPHD Conference at New Delhi – Dr. Kiran kumar
2. Best paper award at XIV IAPHD Conference at New Delhi – Dr. Dhanya
3. Dr RVS Krishna kumar – gold medal 2010

Conservative Dentistry and Endodontic 07

2014-2015 4

BEST PAPER : Awarded to Dr.Suhasini

TOPIC : Clinical performance of a class I nanohybrid composite restorations with light cure glass ionomer liner and flowable composite liner – A Randomized Clinical Trial

VENUE : ECCLIRES- 1ST INTERNATIONAL AND 4TH NATIONAL CONFERENCES AT CHENNAI

BEST PAPER : Awarded to Dr.Swathi

TOPIC : Post operative pain evaluation in single visit root canal treatment with protaper next and Mtwo rotary systems- a randomized controlled trial by Dr. Swathi

VENUE : ECCLIRES- 1ST INTERNATIONAL AND 4TH NATIONAL CONFERENCES AT CHENNAI

BEST PAPER : Awarded to Dr.Anusha

TOPIC : A clinical diagnosis of different pulpal inflammed teeth by pulse oximetry

VENUE : ECCLIRES- 1ST INTERNATIONAL AND 4TH NATIONAL CONFERENCES AT CHENNAI

BEST PAPER : Awarded to Dr. Anusha

TOPIC : A clinical diagnosis of different pulpal inflammed teeth by pulse oximetry

VENUE : 16th IACDE-IES PG Convention at Ghaziabad

Narayana Dental College & Hospital, Nellore

DATE : 04-06-2014 to
06-06-2014

2013-2014 01

BEST PAPER : Awarded to Dr. Dinesh

TOPIC : Effects of different surface treatments on pushout bond strength of fibre posts on root canal dentin - An invitro study.

VENUE : 15th IACDE-IES PG Convention at Chennai

DATE : 05-06-2014 to
07-06-2014

2012-2013 02

BEST POSTER : Awarded to Dr. Swapna, Dr. Suhasini

TOPIC : Endodontic Grafting

VENUE : 28th IACDE- 21st IES PG Conference at Hyderabad

DATE : 27-11-2013 to
29-11-2013

BEST PAPER : Awarded to Dr. Archana

TOPIC : Effect of calcium hydroxide and lycopene as intracanal medicaments on fracture resistance of radicular dentin at two different intervals – an invitro study.

VENUE : 28th IACDE- 21st IES PG Conference at Hyderabad

DATE : 27-11-2013 to
29-11-2013

Several faculty members have received awards / recognitions for excellence in teaching at the state, national and international level.

2.4.7 How many faculties underwent professional development programs during the last four years? (Add any other program if necessary)

Oral Medicine and Radiology 10

2014-2015 02

1. National Triple O Symposium Udaipur
2. C.D.E Program on Medically Compromised Dental Patient Kochi

Narayana Dental College & Hospital, Nellore

2013-2014 03

1. I.A.O.M.R. National Conference Lucknow
2. I.A.O.M.R. National PG Convention Vadodara
3. Intl Symp by Carcinogenesis Foundation USA Bangalore

2012-2013 01

1. Andhra Pradesh State Dental Conference Kurnool

2011-2012 03

1. National Triple O Symposium Raipur
2. I.A.O.M.R. National PG Convention Belgaum
3. National Conference IAOMR Bangalore

2010-2011 01

1. I.A.O.M.R. National Conference New Delhi

Oral & Maxillofacial Surgery 18

2014-2015 07

1. AOMSI National conference – Amritsar
2. AOMSI midterm national conference – Vijayawad
3. AOMSI National conference - Goa
4. OncoSurg-National Conference of Surgical Oncology - Chennai
5. AOMSI state Conference – Bhimavaram
6. ICOI- International conference Oral Implantology – Hyderabad
7. Biterm Tissue engineering & regenerative medicine, Anna University Chennai

2013-2014 04

1. AOMSI National Bhubaneswar
2. AOMSI State Conference Ongole
3. Oral Oncology – CME Adyar Cancer Institute
4. Cleft Rhinoplasty – Perinthalmanna Kerala

2012-2013 02

1. AOMSI National Hyderabad
2. AOMSI state Conference –Visakhapatnam

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2011-2012 03

1. AOMSI National New Delhi
2. Oral Oncology KIDWAI Bangalore
3. IndoCleft CON – Bangalore

2010-2011 02

1. AOMSI National Coimbatore
2. AOMSI State Conference – Hyderabad

Oral Pathology and Microbiology 22

2014-2015 5

1. IAOMP National PG Convention, Kolkata
2. XXIII NATIONAL CONFERENCE OF IAOMP, Bangalore
3. National PG XV Convention, Vadodara
4. Manipal International Symposium On Head And Neck Tumors, Manipal
5. XXIV IAOMP Conference , Nims University, Jaipur

2013-2014 4

1. 13th IAOMP National PG Convention
2. 11th IAFO National Conference at SIBAR Dental College, VJWD
3. 22nd IAOMP National Conference, Mumbai
4. VI ASOMP Conference at NOVOTEL, Hyderabad

2012-2013 5

1. 12th IAOMP National Convention at D.Y.PATIL Dental college, Pune
2. X IAFO National Conference at ITS Dental College, Ghaziabad
3. 21st IAOMP National Conference at GOA Dental College, GOA
4. 33rd IDA State Conference at GPR Dental College, Kurnool
5. 1st IAOMP MIDTERM National Conference

2011-2012 3

1. IX IAFO National Conference at Sankaracharya dental college, Salem
2. 20th IAOMP National Conference-Ramoji film city, Hyderabad

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3. 32nd STATE IDA Conference at Mamatha dental College

2010-2011 5

1. Slide Seminar at Saveetha Dental College, Chennai
2. VII IAFO Conference, Chennai
3. VIII IAFO Conference, Lucknow
4. X National PG Convention, Coorg
5. XIX National & I International IAOMP Conference, Chennai

Periodontics 29

2014-2015

Ravi chandu.K

ISP COLLOQUIUM SERIES 2014, BANGLORE 5TH AND 6TH SEPTEMBER 2014

Geethika.M

ISP COLLOQUIUM SERIES 2014, BANGLORE 5TH AND 6TH SEPTEMBER 2014

Priyanka.M

ISP COLLOQUIUM SERIES 2014, BANGLORE 5TH AND 6TH SEPTEMBER 2014

Vishnu Teja.O

ISP COLLOQUIUM SERIES 2014, BANGLORE 5TH AND 6TH SEPTEMBER 2014

2013-2014

Teja Ummidisetty

5. 38th ISP national conference-Kochi (24-10-2013 to27-10-2013).
6. 13th National post graduation convention Mangalore 08-03-2014 and 09-03-2014

Daya Swarupa.D

7. 38th ISP national conference-kochi (24-10-2013 to27-10-2013).
8. 13th National post graduate convention : Mangalore. 08-03-2014 & 09-03-2014

Jaya Prakash.M

9. 38th ISP national conference-kochi (24-10-2013 to27-10-2013).
10. 13th National post graduate convention : Mangalore. 08-03-2014 & 09-03-2014.

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Sai Lavanya.N

11. 38th ISP national conference-kochi (24-10-2013 to27-10-2013).
12. 13th National post graduate convention : Mangalore. 08-03-2014 & 09-03-2014

Dhishann babu .P

13. 38th ISP national conference-kochi (24-10-2013 to27-10-2013).
14. 13th National post graduate convention : Mangalore. 08-03-2014 & 09-03-2014

2012-2013

Pramod .S

15. 37th ISP National Conference at Shimla- 12, 13, 14, October, 2012.
16. 12th ISP PG convention at Greater Noida, New Delhi – 1st to 3rd March, 2013.
17. 38th ISP National Conference at Kochi – 24th, 25th, 26th & 27th October, 2013.

Suresh kumar.R

18. 37th ISP National Conference at Shimla- 12 ,13, 14, October, 2012 .
19. 12th ISP National PG convention, Greater Noida- 1 st 2 nd 3 rd.March, 2013.
20. 38th ISP National Conference at Kochi – 24th, 25th, 26th & 27th October, 2013.

Sukrutha. B

21. 37th ISP National Conference at Shimla- 12 ,13, 14, October, 2012 .
22. 12th ISP National PG convention, Greater Noida- 1 st 2 nd 3 rd.March, 2013.
23. 38th ISP National Conference at Kochi – 24th, 25th, 26th & 27th October, 2013.

2011-2012

Chandana. T

24. 36th ISP national conference at Ahmadabad, 14,15, 16 October, 2011.
25. 38th ISP National Conference at kochi,24,25,26,27 October 2013

Shamina. N

26. 36th ISP national conference at Ahmadabad, 14,15, 16 October, 2011.
27. 38th ISP National Conference at kochi,24,25,26,27 October 2013

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Jyothi. C

28. 36th ISP national conference at Ahmadabad, 14,15, 16 October, 2011.
29. 38th ISP National Conference at kochi,24,25,26,27 October 2013

Prosthodontics 14

2014-2015 4

1. IPS National Conference
2. IPS PG Convention
3. AP State Dental Conference
4. ISOI Conference

2013-2014 4

5. IPS National Conference
6. IPS PG Convention
7. AP State Dental Conference
8. ISOI Conference

2012-2013 3

9. IPS National Conference
10. IPS PG Convention
11. AP State Dental Conference

2011-2012 3

12. IPS National Conference
13. IPS PG Convention
14. AP State Dental Conference

Pedodontics and Preventive Dentistry 19

2015-2016 02

Sivakumar Nuvvula:

1. 36th AP State Dental Conference, Ongole; 18th to 20th December 2015.
2. 37th ISPPD Conference, Raipur; 8th to 10th October 2015.

Postgraduate Students: 1. 37th ISPPD Conference, Raipur; 8th to 10th October 2015.

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2014-2015 03

Sivakumar Nuvvula:

1. Dr NTR UHS Zonal CDE Program, NDC, Nellore, 28th June 2015.
2. PEDOZEST, 12th National ISPPD PG Convention, Tumakuru, 27th February 2015.
3. 36th ISPPD Conference, Lucknow, 14th October 2014.

Postgraduate Students:

1. PEDOZEST, 12th National ISPPD PG Convention, Tumakuru, 27th February 2015.
2. 36th ISPPD Conference, Lucknow, 14th October 2014.

2013-2014 04

Sivakumar Nuvvula:

1. Refine CDE program at Ragas Dental College, Chennai, 26th February 2014.
2. Pedofest 2013, Intercollege CDE program at Priyadarshini Dental College, Thiruvallur, TN, 22nd November 2013.
3. 35th ISPPD Conference, Jaipur, 26th September 2013.
4. Dr. NTRUHS CDE program by Dept. of Pedodontics, SIBAR Dental College, Guntur, AP. India, 12th July 2013.

Post graduate Students:

1. 35th ISPPD Conference, Jaipur, 26th September 2013.

2012-2013 02

Sivakumar Nuvvula:

1. Dr. NTRUHS CDE program by Dept. of Pedodontics, MNR Dental College, Sangareddy, AP. India, 25th February 2013.
2. CDE program by IDA Prakasam Branch at Ongole A.P. India, 16th December 2012.

2011-2012 02

Sivakumar Nuvvula:

1. 33rd National ISPPD Conference, Mangalore, 5th November 2011.
2. CDE Program at Sri Ramachandra University, Chennai, 6th July 2011.

SVSG Nirmala:

- 33rd National ISPPD Conference, Mangalore, 5th November 2011.

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2010-2011 06

1. CDE Program at Drs S&N Siddhartha Institute of Dental Sciences, Vijayawada, 30th May 2011.
2. 8th National ISPPD PG Convention, Salem, 27th February 2011.
3. All India Dental Students Conference, Vijayawada, 7, 8th January 2011.
4. AP PG CDE Program at Sri Vishnu Dental College, Bhimavaram, 29th December 2010.
5. 32nd National ISPPD Conference & IAPD Regional Meet, Amritsar, 12, 13, 14th November 2010.
6. 'Nutrodontics for KIDZ' at Sri Ramachandra University, Chennai, 25th August 2010.

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2014-2015 7

1. IX IAPHD National convention, Nellore
2. XX IAPHD National conference, Manipal.
3. XIX IAPHD National Conference, Cochin
4. VIII IAPHD National convention, Noida
5. State CDE at panineeya institute of dental sciences
6. CDE at Thai Moogambigai dental college
7. Workshop on research methodology at Narayana medical college

2013-2014 5

1. VIII IAPHD National conference, Lucknow
2. VII IAPHD National Convention, Guntur
3. CDE at Sri Sai college of dental surgery
4. Work shop at Bapuji Dental College, Davangere
5. CDE at Mamatha Dental College

2012-2013 2

1. XVII IAPHD National Conference, Chennai
2. CDE at Sibar dental college

2011-2012 2

1. XVI National IAPHD Conference, Bangalore

2. CDE at Mamatha dental college

2010-2011 1

1. XV National IAPHD Conference

Conservative Dentistry and Endodontic 05

2014-2015 03

30th IACDE-IES PG Conference at Amritsar

16th IACDE – IES PG convention at Ghaziabad

29th IACDE – IES PG conference at Jaipur

2013-2014 02

15th IACDE-IES PG Convention at Chennai

28th IACDE- IES PG conference at Hyderabad

2.4.8 How often does the institution organize academic development programs (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

Once in a year academic development programs are organized by the faculty development committee on topics such as curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.

2.4.9 Does the institution have a mechanism to retain faculty? What is the annual attrition rate among the faculty?

The college has drafted faculty retention policy. The top performing faculties are considered under this policy the retention policy provides research facilities to attend conferences, seminars, providing quarters and such other communities to be decided on one-to-one interaction.

The college provides a very good atmosphere for academics and research. The management supports and provides all the requirements requested by the faculty like equipment, infrastructure etc. as mentioned in 2.4.6, supports professional development. Many staff members have been working since the establishment of the college and annual attrition ration is less than 10% in the last 5yrs.

Narayana Dental College & Hospital, Nellore

2.4.10 Does the institution have a mechanism to encourage

- * Mobility of faculty between institutions /universities for teaching/research?**
- * Faculty exchange programs with national and international bodies?**

Yes, the faculties visit other institution as post graduate examiners during which interact for teaching and research

- * faculty exchange programs with national and international bodies?**

If yes, how have these schemes helped in enriching the quality of the faculty?

Faculties participate as undergraduate post examiners and DCI inspectors. These faculties also participate in conferences, workshops, seminars.

2.4.11 Does the institution have well defined career advancement policy for Health Science professionals? If yes, outline the policy.

The college follows the DCI regulations for faculty advancement and promotion. Faculty with 4yrs of teaching experience shall be promoted as reader, faculty with 5yrs teaching experience as Reader shall be promoted as professor, and faculty with 1yrs teaching experience as professor shall be promoted as Head of the department, if position is available. The promotions shall be done if the faculty has required publications as per DCI regulations

2.4.12 how does the institution create synergies with other PG institutes for generating required number of specialists and super specialists?

AS mentioned in 2.4.4, the specialists and super specialists are available onsite.

2.4.13 does the institution conduct capacity building programs / courses in subspecialties for its faculty?

AS mentioned in 2.4.4, the capacity building programs are conducted along with medical college.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that all the stakeholders are aware of the evaluation processes that are in place?

During the orientation program and through notifications the college keeps the evaluation process informed to the stakeholders.

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The college has an examinations section and the Principal along with all HODs appoints the Chief Superintendent of Examinations for the college on yearly basis to give equal opportunity to all senior faculty members as per university guidelines. During the evaluation process, the chief Superintendent appoints Custodians as mandated by the University, who assists the Chief/Deputy Chief Superintendent of Examinations. With regards to internal assessments, individual departments orient students on evaluations conducted, which are normally held three times each academic year

2.5.2 What are the important examination reforms implemented by the institution? Cite a few examples which have positively impacted the examination system.

The university examinations and internal examinations are conducted as per the university guidelines; college doesn't have major role in reforming the examinations

The answer scripts of internal assessment examinations are given to students for verifying further clarification

2.5.3 What is the average time taken by the University for Declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode adopted by the institution for the publication of examination results (e.g. website, SMS, email, etc.).

The average time taken for declaration of the internship results is within 10 days from the date of last examination in that department

University declares the results in 30days after completion of practical examinations. The results are published in university website and also displayed in college notice board. The same is conveyed to students and parents via SMS.

2.5.4 How does the institution ensure transparency in the evaluation process?

Students are made aware of their performance following the three internal assessment examinations by displaying their results in notice board. The answer booklets are given to students for discussion with concerned faculty. The university examination papers as per university guidelines shall seek for re-total, if marks obtained are contradicting students expected marks

2.5.5 What are the rigorous features introduced by the university to ensure

Narayana Dental College & Hospital, Nellore

confidentiality in the conduct of the examinations?

The university examination question paper is sent through online 30 minutes before the examination and the password 10 min before the examination to open the question paper to chief Superintendent of the examinations. The university seeks the confirmatory mail from the chief Superintendent about the process of examination. The university also deposes the inspector from other colleges to the centre to evaluate the examination process.

2.5.6 Does the institution have an integrated examination platform for the following processes?

- * pre-examination processes – Time table generation, hall ticket, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, online transmission of questions and marks, etc.
- * Examination process – Examination material management, logistics, etc.
- * Post-examination process – Attendance capture, OMR-based exam result, auto processing, result processing, certification, etc.

Yes, institution has integrated platform for pre-examination, examination, and post examination process

2.5.7 has the university / institution introduced any reforms in its evaluation process?

The evaluation reforms are introduced, apart from mentioned in 2.5.5; the college has Closed-circuit Television (CCTV) to monitor examination halls. This minimizes malpractice. The double evaluation is undertaken for answer scripts and viva voce. A panel of evaluators is examiners are selected by the university.

2.5.8 What is the mechanism for redressal of grievances with reference to examinations? Give details.

A separate committee deals with the examination grievances, A committee for grievance redressal cell looks into such problems

2.5.9 Does the institution have a Manual for Examinations and if yes, does it specifically take cognizance of examination malpractices by students, faculty and non-teaching staff?

The college is affiliated to NTR university of health sciences and follows the applicable guidelines for the purpose of the university

Narayana Dental College & Hospital, Nellore

Yes, the College has a policy on student conduct and discipline in written examinations, which is adopted from the NTRUHS and copy of these instructions are given to the chief Superintendent to give instructions before every exam. This takes cognizance of examination malpractices by students.

2.5.10 what efforts have been made by the university to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.

The college is affiliated to NTR University and follows the guidelines of the university, however associate dean examination makes the efforts to increase the performance of the examination processes.

University gives significant efforts to streamline the operations at the office of the controller of examinations. Several initiatives have been undertaken by the university to streamline the operations at the Office of the Controller of Examinations. For example, a few days prior to the commencement of the theory examinations, the University verifies the online transmission of question papers with a trial run.

2.5.11 what are the efforts of the institution in the assessment of educational outcomes of its students? Give examples against the practices indicated below:

The education objectives, the learning outcomes, course wise program wise are detailed in affiliating university guidelines and council regulations. The college conducts internship examination in both theory and practical's. The methods of assessment of attainment of the learning objectives are well defected by the regulatory agencies.

* **Balance between formative and summative assessments.**

* **Balance between formative and summative assessments and Formative (theory / orals / clinical / practical) internal assessment;**

choice based credit system; grading / marking - As per university rules, three internal assessments need to be conducted in an academic year.

* **Increasing objectivity in formative assessments.**

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Compatibility of education objectives and learning methods with assessment principles, methods and practices - college address and test whether students have knowledge of current and relevant trends in dentistry for providing patients with optimal unsupervised oral health care, possess awareness of preventive, diagnostic and technical aspects of dentistry for delivering comprehensive oral health, deliver emergency general and oral health care, are compassionate and view patient health in a holistic manner, and harbor the concepts of ethical practice, and render care taking into consideration social and cultural sensibilities of the community of their practice—all of which are part of the college's objectives for the BDS program

* **Formative (theory / orals / clinical / practical) internal assessment; choice based credit system; grading / marking.**

* **Summative (theory / orals / clinical / practical).**

* Summative (theory / orals / clinical / practical) -The college is responsible for the conduct and hosting of the year-end university examination, based on the guidelines of the university. This includes providing the necessary examination halls for the written examinations, internet access for downloading question papers and uploading marks; space and logistical support for evaluation of answer scripts, use of laboratories and clinics for clinical/practical examination; and hospitality of external examiners.

The NTR University of Health Sciences Conducts Examinations in theory, orals, clinical, and practical's twice in a year for the final examinations one each internal and external examiner are appointed.

* **Theory – structure and setting of question papers – Essays, long answers, shorts answers and MCQs etc. Questions bank and Key answers.**

* Theory – structure and setting of question papers – Essays, long answers, shorts answers - The theory university examination and internal assessments normally includes essay questions, short essays and short answers.

Three types of question are incorporated in theory examinations one essay type questions and another is a short answer and third is very short answer. The question paper doesn't offers any choices in answering the questions all question need to be answered compulsory, question banks is prepared by all the departments.

* **Objective Structured Clinical Examination (OSCE).**

Yes, The College follows objectives structure clinical examination

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* Objective Structured Practical Examination (OSPE).

Yes, in Oral surgery – surgical instruments and models are used in the practical examination for identification. In oral pathology – models and slides are used for identification in practical exams.

* Any other.

Objective Structured Clinical Examination (OSCE)

Yes, following in all clinical departments

Objective Structured Practical Examination (OSPE)

2.5.12 describes the methods of prevention of malpractice, and mention the number of cases reported and how are they dealt with?

The college follows the process of conducting examination given by the affiliating universities. The examination halls are provided with CCTV'S, the cell phones, calculators and other gadgets are not allowed inside the examination hall. And invigilators examine each hall and no such other case reported.

2.6. Student Performance and Learning Outcomes

2.6.1 Has the institution articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

All the departments have articulated the subject attributes and learning outcomes. The university and apex body are also provided graduate attributes. These graduate attributes and course attributes are monitored on continuous basis thorough out the programs.

Yes, college articulates its graduate attributes. It provides adequate and current knowledge to the students to deliver good health care to the patients. It trains graduates with adequate clinical training and preventive methods of dental and oral diseases. It supports in update of knowledge as the new research evolves.

This attributes are assessed during final university practical examinations in all the departments where clinical cases are diagnosed and managed in front of two examiners. The similar exercises were done in the departments before commencement of the final university examinations as internal assessment three times in academic calendar.

2.6.2 Does the institution have clearly stated learning outcomes for its academic programs/departments? If yes, give details on how the students and staff are made

Narayana Dental College & Hospital, Nellore

aware of these?

Yes, answered above

In the departmental and institution orientation classes these attributes are communicated to the learner.

2.6.3 How are the institution's teaching-learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

Intended learning outcomes are identified and graduate attributes are defined the required inputs for genuine graduate attributes is mapped and necessary actions in terms of learned man power equipment's methods of content delivery are identified and implemented to know the learning outcomes.

College has sufficient staff and infrastructure to train the students to facilitate greater achievements in their carriers. This can be assessed during internal assessment examinations at college levels and university examinations (theory and practical's) at university level.

2.6.4 How does the institution ensure that the stated learning outcomes have been achieved?

In all the departments appropriate assessment of learning outcomes is practiced thorough out the program implementation. The examination section evaluates the results in both internal and final examinations which gives a pair idea of attainment of learning outcome.

**Criterion III: Research,
Consultancy and Extension**

Narayana Dental College & Hospital, Nellore

3.1 Promotion of Research

3.1.1 Is there an Institutional Research Committee which monitors and addresses issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

Yes. The college has a committed Research Committee, consisting of faculty and student members who monitor and address issues related to postgraduate research. The Committee oversees post graduate activity through guidelines laid down for undertaking short-term research. The Research Committee was instrumental in designing the formats for submitting the student research proposals, and completed study formats. The proposals go through the standard ethical clearance issued by the Institutional Review Board (IRB). Many of such studies undertaken have been published, while several others have been presented in national and international conferences. The Committee meets usually at commencement of academic year.

3.1.2 Does the institution have an institutional ethics committee to monitor matters related to the ethics of inclusion of humans and animals in research?

Yes. The college has an ethic Committee to monitor matters related to the ethics of inclusion of humans and animals in research. Ethics committee.

| NAME | DESIGNATION |
|-----------------------|----------------|
| Dr. N.Mohan | Chairman |
| Dr. D. satyakumar | secretary |
| Dr. vijay kumar reddy | legal advisor |
| Dr.G.V Nagireddy | Member |
| Dr.kudagi.BL | Member |
| Dr. B.V Subramanyam | Member |
| Dr. R.Ram mohan | Member |
| Dr K.Rekha lakshmi | Member |
| Mr.koteswara rao | local resident |

Animal Ethical committee members.

| | |
|------------------------|------------------|
| Dr.G. Veera Nagi Reddy | Chairman |
| Dr. B. L . Kudagi | Member secretary |

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| | |
|------------------------|-----------------------|
| Dr. D. Subbaiah Member | (Veterinary Doctor) |
| Dr. B. Madhavulu | Member |
| Dr. K.Jithendra | Member |

3.1.3 What is the policy of the university to promote research in its affiliated / constituent colleges?

The policy of the institution is to promote research at both student and faculty level the college provides seed money for students and faculties research. The facility of work load revision and sabbatical leave is provided.

NTRUHS is the affiliating university of our institution.

The affiliating university supports research activities of faculty members of its constituent colleges by providing financial assistance. Also the NTRUHS has its journal for publication of educational research papers which is a peer reviewed.

3.1.4 What are the proactive mechanisms adopted by the institution to facilitate the smooth implementation of research schemes/projects?

a. Externally funded projects (both government and private agencies):

- * **advancing funds for sanctioned project**
- * **providing seed money**
- * **autonomy to the principal investigator/coordinator for utilizing overhead charges.**
- * **timely release of grants.**
- * **Timely auditing**
- * **Submission of utilization certificate to the funding authorities.**

Advancing funds for sanctioned projects.

Seed money of 20,000 is provided

Once the seed money is approved and sanctioned by the external funding agency, which is credited to the college account, the college's Account Section—under the directive of Principal releases the amount to ensure timely commencement of the research.

Simplification of procedures related to sanctions / purchases to be made by the investigators.

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Once the amount is credited to the faculty member, he/she has complete freedom to undertake their own purchases in relation to the commencement, progress and completion of the research project; however, the relevant bills are submitted to the Principal.

Autonomy to the principal investigator/coordinator for utilising overhead charges.

Complete autonomy is given to the principal investigator/coordinator for utilising overhead charges, who submits the receipts/invoices related to expenditure to the Principal.

Timely release of grants.

The grants are released in a timely manner, within a few days, once the principal investigator/faculty member makes an application to the Principal seeking the release.

Timely auditing.

Submission of utilisation certificate to the funding authorities.

Reports and updates concerning fund utilisation are submitted timely to funding authorities, as per requirement; when required, the reports are forwarded through the Principal of the college.

Writing proposals for funding.

The college's statistician is consulted by faculty members during preparation and writing of the research proposal and prior to its submission. At times, senior faculty members and/or faculty members more experienced in the writing of research proposal development may also be consulted in this.

b. Institution sponsored projects:

* **Proportion of funds dedicated for research in the annual budget.**

* **Availability of funding for research /training/resources.**

* **Availability of access to online data bases.**

The Management allocates research grants

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3.1.5 How is multidisciplinary / interdisciplinary / trans disciplinary research promoted within the institution?

The institution promotes multi and inters disciplinary programs. This is being much practiced While conducting continuous medical education programs and other medical education Programs. The college has a separate unit of medical education for such multi-disciplinary Programs to be conducted. Few of the multi-disciplinary programs conducted are - HIV, Diabetes, and multi organ failure, fluid electrical balance, acid based balance, PolyGram, blood transmission, OT technique, free and post-operative care and such related topics are dealt with multi-disciplinary approach by the concerned faculty.

- * between/among different departments / and
- * Collaboration with national/international institutes / industries.
- * One of the goals of this institute is to foster interdisciplinary participation for advancement of dental practice and overall well-being of the community. The educational mission of the Interdisciplinary Research is threefold: teaching, scholarship (including research), and service.
- * Faculty and students actively participate in inter-departmental collaborations to identify different modalities of treatment for a specific clinical situation and the faculty provides training to foster systematic and ethical clinical approach towards patient care. The faculty under the aegis of the HODs identifies priority areas of clinical research in each specialty and encourages research in these areas. This is evidenced in several multispecialty contributions to the list of published research papers in the last two years.
- * An interdisciplinary committee oversees and conducts Interdisciplinary clinical meetings on a regular basis, at least one each month which involves active presentation and participation of all the disciplines and departments at the institute. Also, some of the disciplines are working collectively with institutes under the same management, such as Narayana Medical College and General Hospital, Narayana college of Pharmacy, Narayana college of Engineering.

3.1.6 Give details of workshops/ training programs/ sensitization programs conducted by the institution to promote a research culture in the institution.

| Sl.No. | Date | Name of the Department | Details of Guest /Speaker |
|--------|------------|------------------------|--|
| 1 | 31.01.2014 | Prosthodontics | Dr.Minati Choudhury, Reader in Prosthodontics & Crown and Bridge, Faculty of Dental Sciences Sri Ramachandra University, Chennai |
| 2 | 08.03.2014 | Conservative Dentistry | Dr.Sarath Chandra, Bangalore |
| 3 | 29.03.2014 | Oral Pathology | Dr. Herald J Sherlin, Saveetha DC |
| 4 | 21.04.2014 | Pedodontics | Dr.JM.Farzan, Reader, Saveetha DC |
| 5 | 17.06.2014 | Periodontology | Dr.R.Viswachandra, SVS IDS, Mahbubnagar |
| 6 | 28.06.2014 | Orthodontics | Dr.Deepak Chandra (Balaji Dental College) & Dr.Ashwin (Satyabhama Dental College) |
| 7 | 05.07.2014 | Prosthodontics | Dr.Chakradhar, (Bangalore) |
| 8 | 16.08.2014 | Oral Medicine | Dr.Capt.Elangovan (Chennai) |
| 9 | 25.08.2014 | Oral Pathology | Dr. K.Selvi (Bangalore) |
| 10 | 18-09-2014 | Pedo & Ortho | Dr.Vadivelkumar.M (Salem) |
| 11 | 24-09-2014 | Conservative Dentistry | Dr.Venu Gopal (Bangalore) |
| 12 | 9/26/2014 | OMFS | RAMA KRISHNA |
| 13 | 12/29/2014 | Oral Medicine | DR.VENKATA SAI & DR.NAVIN |
| 14 | 12/29/2014 | Oral Surgery | DR.K.RAGHU (NMC) |
| 15 | 1/9/2015 | Periodontology | Dr.PRAVEEN (Hyderabad) |

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| | | | |
|----|------------|----------------|--|
| 16 | 21.01.2015 | Orthodontics | Dr.Aravind.M, KLE DS, Bangalore |
| 17 | 27.01.2015 | Prosthodontics | Dr.V.Balakumar, Chennai |
| 18 | 20.02.2015 | Pedodontics | Dr.E.M.G. Subramanyan |
| 19 | 20.02.2015 | Perio | Dr.Thamarai Selvan |
| 20 | 27.03.2015 | OMFS | Dr.Senthil Kumar |
| 21 | 29.03.2015 | OMR | Dr.B.Anand |
| 22 | 12.06.2015 | Oral Pathology | Dr.R.Ramya , From SRM DC |
| 23 | 19.06.2015 | ENDO | Dr.Velmurugan, From Meenakshi Ammal |
| 24 | 28.06.2015 | PEDO | Dr.M.Sreekanth, Saraswati Dhanwantari |
| 25 | 22.08.2015 | Prosthodontics | Dr.Khasim Mohammed from SRMDC,MAS |
| 26 | 16.09.2015 | Orthodontics | Dr.Aravind.M, KLE DS, Bangalore |
| 27 | 19.09.2015 | OMFS | Dr.Siva Nagendar Reddy |
| 28 | 26.09.2015 | O.PATH | Dr.Madhura M.G |
| 29 | 26.09.2015 | ENDO | Dr.Revathi Miglani, Chennai.(Private Prac) |

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3.1.7 How does the institution facilitate researchers of eminence to visit the campus? What is the impact of such efforts on the research activities of the institution?

Yes, eminent researchers in the field of dentistry are called for guest lectures, orientation programmes and workshops frequently. The institute provides a platform for interaction of students and faculty with leading consultants and researchers in the field of dentistry as well as allied subjects. Elaborate workshops and conferences are organized by the institute. The resource persons carry out extensive deliberations on trends and directions in practice as well as research. The departments are encouraged to organize such seminars, workshops and conferences.

3.1.8 What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

Approximately 5%. Grant for Research is allocated. The heads of expenditure follow research promotion activities including providing seed money for faculty research and student research. Also, funds allocated for the Research Facilities and Publications.

3.1.9 In its budget, does the university earmark fund for promoting research in its affiliated colleges? If yes, provide details.

Research budget is year marked in the college budget. For promoting research seed money for student research and faculty research is provided.

3.1.10 Does the institution encourage research by awarding Postdoctoral Fellowships/Research Associate ships? If yes, provide details like number of students registered, funding by the institution and other sources.

Under process

3.1.11 What percentage of faculty have utilized facilities like sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the institution monitor the output of these scholars?

Yes

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3.1.12 Provide details of national and international conferences organized by the institution highlighting the names of eminent scientists/scholars who participated in these events.

Yes Oral medicine & Radiology. Paedodontics & Preventive Dentistry 6th national P.G Convention.

Oral Medicine and Radiology 10

2014-2015 02

1. Zonal C.D.E. of Dr.N.T.R.U.H.S., NELLORE
2. Zonal C.D.E. of Dr.N.T.R.U.H.S., NELLORE

2013-2014 02

3. Zonal C.D.E. of Dr.N.T.R.U.H.S., NELLORE
4. Zonal C.D.E. of Dr.N.T.R.U.H.S., NELLORE

2012-2013 02

5. Zonal C.D.E. of Dr.N.T.R.U.H.S., NELLORE
6. Zonal C.D.E. of Dr.N.T.R.U.H.S., NELLORE

2011-2012 02

7. Zonal C.D.E. of Dr.N.T.R.U.H.S., NELLORE
8. Zonal C.D.E. of Dr.N.T.R.U.H.S., NELLORE

2010-2011 02

9. Zonal C.D.E. of Dr.N.T.R.U.H.S., NELLORE
10. Zonal C.D.E. of Dr.N.T.R.U.H.S., NELLORE

Oral & Maxillofacial Surgery 01

2013-2014 1

1. Scientific Session conducted by department at State AOMSI Conference held at Ongole

Oral Pathology and Microbiology 07

Narayana Dental College & Hospital, Nellore

2014-2015 2

1. ZONAL CDE programme at Narayana Dental College, Nellore
2. TRIPLE O meet
3. ZONAL CDE programme at Narayana Dental College, Nellore
4. ZONAL CDE programme at Narayana Dental College, Nellore

2013-2014 2

1. ZONAL CDE programme at Narayana Dental College, Nellore
2. ZONAL CDE programme at Narayana Dental College, Nellore

2012-2013 3

1. ZONAL CDE programme at Narayana Dental College, Nellore
2. ZONAL CDE programme at Narayana Dental College, Nellore
3. ZONAL CDE programme at Narayana Dental College, Nellore

Orthodontics & Dent facial Orthopaedics 01

2007-2008 1

1. Symposium on salivary gland and lymph node pathology and FNAC held on 23rd feb 2008 at ndch nellore.

Periodontics 06

2014-2015 01

1. Zonal CDE — narayana dental college, Nellore- 09-01-2015

2013-2014 02

1. Zonal CDE – Narayana dental college, Nellore – 17-06-2014.
2. CDE programme at Narayana Dental College, Nellore held on 15-7-14

2012-2013 03

1. CDE programme at Narayana Dental College, Nellore held on 15th July, 2013.

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2. CDE programme at Narayana Dental College, Nellore, 1 September 2012
3. CDE programme at Narayana Dental College, Nellore on 23rd January, 2012.

Pedodontics and Preventive Dentistry 8

| | | |
|-----------|----|-------------------------------|
| 2014-2015 | 02 | Dr NTR UHS Zonal CDE Programs |
| 2013-2014 | 02 | Dr NTR UHS Zonal CDE programs |
| 2012-2013 | 02 | Dr NTR UHS Zonal CDE programs |
| 2011-2012 | 02 | Dr NTR UHS Zonal CDE programs |

Public health dentistry 01

2014-2015 1

1. IX IAPHD National Convention 2015, Nellore

Conservative Dentistry and Endodontic 04

2014-2015 02

1. Extra Coronal Restorations by Dr. S.M. Sarath Chandra
2. Endo-perio lesions by Dr. Venugopal

2012-2013 01

1. Cast metal restorations by Dr. Suneel kumar Chinni

2011-2012 01

1. Wave one rotary instruments by Dr.Badri

3.1.13 Mention the initiatives of the institution to facilitate a research culture in the below mentioned areas:

* **Training in research methodology, research ethics and biostatistics.** Training in research methodology, research ethics and biostatistics. Newly admitted MDS students are orientated to research methodologies through a series of lectures by the Department of Biostatistics and advanced research centre.

*** Development of scientific temperament.**

The college encourages and facilitates its faculty to attend continuing professional education programmes on research methodologies; the college employs the services and expertise of a statistician, which facilitates clarification of certain research methodological queries posed by the faculty; the college provides access to scientific literature—both online databases and printed periodicals—to ensure updates on current research advances and stimulate ideas; moreover, the college has a policy that requires a minimum number of publications in indexed journals, preferably international, by faculty members for academic advancement—the arguably high standards of several international journals has the potential to further contribute to enhancing the scientific temperament

*** Presence of Medical / Bio Ethics Committee.**

Yes. The college has an Institutional Review Board that oversees ethics related issues in research undertaken in the college.

*** Research linkages with other institutions, universities and centers of excellence. (national and international).**

The college has linkages with several institutions, universities and centres of excellence—both national and international

*** Research programs in Basic Sciences, Clinical, Operational Research, Epidemiology, Health Economics, etc.**

several departments in the college is conducting research in basic sciences and clinical/operational research; epidemiological research is routinely undertaken in the Department of Public Health Dentistry, as well as other departments; Clinical/operational research is also undertaken as part of faculty research and MDS dissertations while basic sciences

*** Promotional avenues for multi-disciplinary, inter-disciplinary research.**

inter-departmental multi-disciplinary research is not yet implemented but the college is planning to implement in near future.

*** Promotional avenues for translational research.**

Yet to implement.

Narayana Dental College & Hospital, Nellore

* **Instilling a culture of research among undergraduate students.**

The Research Committee taking actions to develop undergraduate research through scientific meets, including student conferences, specialty conferences and the college's Research Day; in addition, efforts are made to publish the research in peer-reviewed journals.

* **Publication-based promotion/incentives.**

Yes college will promote according to DCI rules and regulations.

* **Providing travel grant for attending national/international conference and workshops.**

Yes institution will provide money as grant for conferences and scientific programmes. The research committee has implemented a policy of seed money for student and faculty research projects also which in corporate publication based incentives.

3.1.14 Does the institution facilitate

* **Development of entrepreneur skills in health care**

The college has a mechanism to provide entrepreneurship skills in healthcare. The students during internship are oriented for entrepreneurship skills and are provided with the knowledge for establishing the clinics and advanced services.

* **Taking leadership role for stem cell research, organ transplantation and harvesting, Biotechnology, Medical Informatics, Genomics, Proteomics, Cellular and Molecular Biology, Nano science, etc.**

The advanced research center has facilities for micronutrient research, genomic and proteomics, basic stem cell research, experimental animal research facilities, epidemiology research, cancer biology, herbal formulations and drug discovery, microbiology, leptospirosis.

* **R&D for capacity building and analytical skills in product development like diagnostic kits, biomedical products, etc. for the national / international market**

The college has advanced research center established on the campus jointly with medical college. This center has appointed skilled researchers who involve in R&D capacity building and product development.

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3.1.15 Are students encouraged to conduct any experimental research in Yoga and / or Naturopathy?

Yes, Regular yoga classes are conducted by Narayana Yoga & Naturopathy College

3.2 Resource Mobilization for Research

3.2.1 How many departments of the institution have been recognized for their research activities by national / international agencies (ICMR, DST, DBT, WHO, UNESCO, AYUSH, CSIR, AICTE, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

The advanced research centre a central research facility available to the college is recognized by ICMR, CSIR. National stem cell research centre and centre for micronutrient research is present.

3.2.2 Provide the following details of ongoing research projects of faculty:

| | Year-wise | Number | Name of the project | Name of the funding agency | Total grant received |
|--|-----------|--------|---------------------|----------------------------|----------------------|
| A. University awarded projects | | | | | |
| Minor projects | | | | | |
| Major projects | | | | | |
| B. Other agencies - national and international (specify) | | | | | |
| Minor projects | | | | | |

Year-wise on-going projects of the departments:

Oral Medicine and Radiology

2014-2015 10

Oral & Maxillofacial Surgery 10

2014-2015 05

1. Comparative evaluation of Delta plate vs double miniplate in subcondylar fractures.
2. Atraumatic extractions – Role of physics forceps

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3. Comparative evaluation of immediately loaded implants bioactivated with PRP vs implants not coated with PRP in mandibular posterior region.
4. Versatility of Bardach's palatoplasty in cleft palate repair.
5. Hard tissue & soft tissue changes following anterior maxillary distraction

2013-2014 05

6. Zygomatic arch fracture open vs closed reduction
7. Evaluation of efficacy of arthrocentesis in internal derangement of TMJ
8. Comparative analysis of periimplant bone levels of immediate loading & delayed loaded implants
9. Soft tissue changes after mandibular orthognathic surgeries
10. Versatility of Pfeiffer's technique

Oral Pathology and Microbiology 09

2014-2015 3

1. Assessment Of Serum And Salivary Resistin Levels In Newly Diagnosed Type-II Diabetes Mellitus Patients
2. Assessment Of Serum And Salivary Adiponectin Levels In Newly Diagnosed Type-II Diabetes Mellitus Patients
3. Assessment Of Cytogenetic Damage In Flexographic Workers: Micronucleus Assay In Exfoliated Buccal Cells

2013-2014 3

1. Efficacy Of Turmeric Mouthrinse On Salivary Streptococcal Mutans And Candidal Count In Primary Boarding School Children With Dmft / Deft Scores ≥ 2 – A Double Blind Study
2. Efficacy Of Pomegranate Peel Extract Mouthrinse On Salivary Streptococcal Mutans And Candidal Count In Primary Boarding School Children With Dmft / Deft scores $>$ – A Double Blind Study
3. Quantitative Estimation Of Salivary Levels Of Copper And Zinc In Tobacco Smokers And Chewers

2012-2013 3

1. Salivary Histatin Levels And Candidal Colonization In Type Ii Diabetic Patients With Chronic Periodontitis
2. Histatin Levels In Gingival Crevicular Fluid And Candidal Quantification Of Sub-Gingival Biofilm In Type-Ii Diabetics With Chronic Periodontitis
3. Anti Asthmatic Drugs And Its Effects On Oral Mucosa- An Exfoliative Cytology

Periodontics 19

2014-2015 14

1. Antimicrobial photodynamic therapy as an adjunct to non-surgical treatment of chronic periodontitis: a split mouth randomised controlled trial
2. Estimation of salivary lactoferrin in chronic periodontitis associated with type -2 diabetes mellitus:a clinico-biochemical study
3. Effect of phase-i therapy on serum resistin levels in acute myocardial infarction patients associated with chronic periodontitis
4. Evaluation between coronally advanced flap and periosteum eversion technique for miller's class-ii gingival recession – a comparative clinical study
5. Evaluation of gingival recession defects treated with modified coronally repositioned flap with and without platelet rich fibrin – a comparative clinical study
6. The association of stress, salivary cortisol and chronic periodontitis: A clinico biochemical study
7. Comparative evaluation of gingival depigmentation using cryogen tetrafluoroethane and diode laser technique: A clinical study.
8. Comparison of local application of ozonated olive oil & CHX gel as an adjunct to SRP in the management of chronic periodontitis: A clinic-microbiological study
9. Evaluation of pomegranate seed extract mouthwash for daily rinsing in chronic periodontitis patients as an adjunctive phase-I therapy
10. Evaluation of salivary pentraxin-3 in chronic periodontitis associated with type 2 diabetes mellitus: A clinic-biochemical study.
11. Evaluation of periodontal conditions in vegetarians versus Non-vegetarians
12. Awareness of relationship between periodontitis and Diabetics conditions among general medicine practitioners, Diabetologist and Endocrinologist

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13. A comparative evaluation of Air polishing using sodium bicarbonate powder and glycine powder
14. 9.Comparative evaluation of partial versus full mouth examination in hemodialysis patients

2013-2014 05

1. Evaluation of boric acid mouthwash for daily rinsing in chronic periodontitis patients as an adjunctive phase-I therapy
2. Evaluation of the efficacy of local application of licorice gel as an adjunct to scaling and root planing in the management of chronic periodontitis
3. Effect of sub-antimicrobial dose of doxycycline on salivary MDA levels in chronic periodontitis
4. Evaluation of salivary L-plastin levels in chronic periodontitis patients associated with type-II DM
5. Evaluation of the efficacy of local application of licorice gel as an adjunct to scaling and root planing in the management of chronic periodontitis

Public health dentistry 09

2014-2015 9

1. Oral Health Status of Rural Population in Nellore District, India- An Epidemiological Study.
2. Oral Health Literacy and its impact on oral health status among institutionalized elderly population
3. Effect of oral rehydration solution on salivary and dental plaque pH: an In-vivo study
4. Impact of alcohol dependency on oral health –A cross sectional comparative study
5. Utilization of dental health care services and its barriers among the patients visiting community health centres in Nellore district, Andhra Pradesh- a cross-sectional study.
6. Tooth loss prevalence and risk indicators among 35 to 44 year old people in kasumur village, Nellore district, Andhra Pradesh
7. Efficacy of Desensitizing Dentifrices on Dentinal Hypersensitivity- A Randomized Clinical Trial.

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8. Dental caries experience and association to risk factors – An epidemiological survey using the international caries detection and assessment system (ICDAS-II) and comparability with standard world health organization criteria.
9. Evaluation of the erosive potency of a commercially available ice candies in India using an in-situ erosive model.

Conservative Dentistry and Endodontic 10

2014-2015 05

1. Post operative pain evaluation after using two different irrigation techniques by Dr. Anusha
2. Effect of addition of lycopene to calcium hydroxide and chlorhexidine as intracanal medicaments on chemical structure of radicular dentine at two different time intervals – An invitro study by Dr. Lalitha
3. Comparative clinical evaluation of two in-office desensitizing agents in relieving dentin hypersensitivity- A randomized clinical trail by Dr. paramesh
4. Comparative clinical evaluation of new glass ionomer and nanohybrid composite filling materials in noncarious cervical lesions – a one year randomized clinical trail by Dr. Rakesh
5. Remineralization potential of three different remineralizing agents by Dr. Ramakrishna

2013-2014 05

1. Comparative evaluation of microhardness of radicular dentin by using different herbal extracts as rootcanal irrigants- an invitro study by Dr. Bhavani
2. Comparative evaluation of fracture resistance of three different composites :an invitro study by Dr. Nusrath
3. Effect of in office bleaching agents combined with CPP-ACP in different proportions on micro hardness and surface roughness of bleached enamel- an invitro study by Dr. Suhasini
4. Comparative evaluation of penetration depth of four different root canal sealers into dentinal tubules- an sem study by Dr. Swapna
5. Post operative pain evaluation in single visit root canal treatment with protaper next and Mtwo rotary systems- a randomized controlled trial by Dr. Swathi

Department of Prosthodontics:

2014-2015

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1. EVALUATION OF THE EFFECT OF PEIZOELECTRIC ULTRASONIC SCALING ON CERAMIC POLISHED SURFACES IN DIFFERENT FREQUENCIES- AN INVITRO SEM STUDY.
2. EVALUATION OF THE CENTER OF ANTERIOPOSTERIOR CURVE OF OCCLUSION BASED ON THE FACIAL INDEX - A CEPHALOMETRIC INVIVO STUDY.
3. EFFECT OF PROBIOTICS ON DIFFERENT SURFACE COATINGS OF TISSUE CONDITIONER EVALUATED FOR CHANGE IN PHYSICAL,MECHANICAL AND MICROFLORAL STRCTURE IN DIFFERENT INTERVALS OF TIME: AN IN VIVO STUDY
4. EVALUATION OF THE BOND STRENGTH BETWEEN PORCELEAN AND RECASTED BASE METAL ALLOY.
5. EVALUATION OF OCCLUSAL PLANE INCLINATION BY USING VARIOUS FACE BOW SYSTEMS : AN IN VIVO STUDY
6. COMPARISON OF VERTICAL DIMENSION OF OCCLUSION DETERMINED USING LATERAL PROFILE PHOTOGRAPHS AND CEPHALOMETRICS - A RANDOMIZED CLINICAL TRIAL

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3.2.3 Does the institution have an Intellectual Property Rights (IPR) Cell?

The institution has constituted intellectual property rights cell which imparts knowledge about IPR

3.2.4 Has the institution taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

The institution has conducted orientation for technical knowhow of patents to the faculty one patent is applied by department of physiology

3.2.5 Does the institution have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

Faculty research seed money is sponsored by the management, the faculties identified research topics avail clearance by institutional review board.

3.2.6 List details of

Research projects completed and grants received during the last four years (funded by National/International agencies).

Inter-institutional collaborative projects and grants received

i) National collaborations

The advanced research center has established National center for stem cell research and micronutrients and this center is recognized by department of science and technology

ii) International collaborations

3.2.7 What are the financial provisions made in the institution budget for supporting students' research projects?

The management provides seed money for student research projects

3.3 Research Facilities

3.3.1 What efforts have been made by the institution to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

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The institution has established advanced research center and has recognized National center for stem cell research the ARC has appointed learned and trained research faculties. Few of the major equipment's provided are flow Cytometry, florescence microscopic, DNA and RNA electrophoresis, nongrident PCR, gel documentation system, PCR workstations, immuno-blotting, HPLC, histopathology unit, micronutrient lab, and others

3.3.2 Does the institution have an Advanced Central Research facility? If yes, have the facilities been made available to research scholars? What is the funding allocated to the facility?

Explained above in 3.3.1 and management has kept result for advanced center research

3.3.3 Does the institution have a Drug Information Centre to cater to the needs of researchers? If yes, provide details of the facility.

The college has established drug information system in medical college campus which caters to the needs of the researches.

3.3.4 Does the institution provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?

The institution provides residential facilities with computer and internet facilities for research scholars, research associates, and visiting scientists (national/international)

Yes, the college has CPA cards, ICT, Wi-Fi facilities form Innovative teaching and learning process.

3.3.5 Does the institution have centres of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

ARC

3.3.6 Clinical trials and research

- * **Are all the clinical trials registered with CTRI (Clinical Trials Research of India)?**
- * **List a few major clinical trials conducted with their outcomes.**

Yes, five clinical trials are registered with CTRI

All trials are under process few of the faculties are on the editorial board of journal

3.4 Research Publications and Awards

3.4.1 Does the institution publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

The college publishes its own research journal with ISSN no. 0976-6871 and the name “The Journal of dental specialties.”

3.4.2 Give details of publications by the faculty and students:

- * **Number of papers published in peer reviewed journals (national / international)**
- * **Monographs**
- * **Chapters in Books**
- * **Books edited**
- * **Books with ISBN with details of publishers**
- * **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, Google scholar, etc.)**
- * **Citation Index – range / average**
- * **Impact Factor – range / average**
- * **Source Normalized Impact per Paper (SNIP)**
- * **SCImago Journal Rank (SJR)**
- * **h-index**

All faculties have national and international publications and they are sited in Google Scholar. The faculties of the college have published 70 international and 149 national publications.

3.4.3 Does the institution publish any reports/compilations/clinical round-ups as a part of clinical research to enrich knowledge, skills and attitudes?

the institution conducts CTRI registered clinical trials. The list will be submitted during the visit

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3.4.4 Give details of

- * faculty serving on the editorial boards of national and international journals**
- * faculty serving as members of steering committees of national and international conferences recognized by reputed organizations / societies**

Few of the faculties are on the editorial board of the national journals. The faculty members are also members of the steering committee for national conferences and regional CDE.

3.4.5 Provide details for the last four years

- * research awards received by the faculty and students**
- * national and international recognition received by the faculty from reputed professional bodies and agencies**

Good number of awards received by faculties

3.4.6 Indicate the average number of post graduate and doctoral scholars guided by each faculty during the last four years.

Average number of students guided are 1-2

3.4.7 What is the official policy of the institution to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

Yes, the college has a mechanism to check plagiarism and malpractices. There are no such incidences

3.4.8 Does the institution promote multi/interdisciplinary research? If yes, how many such research projects have been undertaken and mention the number of departments involved in such endeavours?

The campus has multiple institutions-medical college, Pharmacy College, nursing and yoga colleges. An advanced research center is present all the departments participate in multi-disciplinary research

3.4.9 Has the university instituted any research awards? If yes, list the awards.

The college has instituted mechanism to appreciate student and faculties who excel the research performance few faculties are facilitated for the distinguished achievements.

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3.4.10 What are the incentives given to the faculty and students for receiving state, national and international recognition for research contributions?

Financial incentives in terms of cash awards are provided to students and faculties for the distinguished recognition received for research contribution.

3.4.11 Give details of the postgraduate and research guides of the institution during the last four years.

Oral Medicine and Radiology 07

1st Batch: Dr.K.V.Suneel, Dr.Lalitha Narayan Reddy, Dr.Sathyaprakash, Dr.A.Sameera

2nd Batch: Dr.Swapna Sreedevi, Dr.Sarath Prathi Venkat, Dr.Suman, Dr.Suresh

3rd Batch: Dr.Sreenivasulu Pathipati, Dr.Rizwana Begum, Dr.Shantan Reddy, Dr.Sirisha Rani

4th Batch: Dr.Prashanthi, Dr.Deepthi Bhavirisetty, Dr.Marina Lazar Chandy, Dr.P.Balakrishna

5th Batch: Dr.Ajmal Mohd., Dr.Sathyanarayana, Dr.Lalitha Srivalli, Dr.Krishnaveni Buduru

6th Batch: Dr.Teja Srinivas, Dr.Nagamallika, Dr.Lakshmi Prasanna, Dr.Sreedevi

7th Batch: Dr.Haritha Kiranmai, Dr.Anusha V, Dr.Deepika Swetha, Dr.Joshna Rani

Pedodontics and Preventive Dentistry 18

2008-2011 03

2009-2012 03

2010-2013 03

2011-2014 03

2012-2015 06

Public health dentistry 19

3.5 Consultancy

3.5.1 What are the official policy/rules of the institution for structured consultancy? List a few important consultancies undertaken by the institution during the last four years.

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All the departments have drafted list of services offered by the department at these services are offered has consultancy services

3.5.2 Does the university have an industry institution partnership cell? If yes, what is its scope and range of activities?

The college has initiated partnership with NGO'S, orphanages, geriatric homes, schools, for necessary oral health care services

3.5.3 What is the mode of publicizing the expertise of the institution for consultancy services? Which are the departments from whom consultancy has been sought?

The list of services offered are displayed in the departments and also leaflets are prepared which are circulated among NGO and patients for information

3.5.4 How does the institution utilize the expertise of its faculty with regard to consultancy services?

All the departments have identified the services offered and these services are provided to patients attending the hospital and has well during dental camps and satellite centres

3.5.5 Give details regarding the consultancy services provided by the institution for secondary and tertiary health care centers and medical / dental practitioners.

Oral Medicine and Radiology 14

2014-2015 03

Oral Precancer & Oral Cancer Screening,
Geriatric Oral Health Screening

2013-2014 05

Oral Precancer & Oral Cancer Screening
Geriatric Oral Health Screening

2012-2013 02

Oral Precancer & Oral Cancer Screening

2011-2012 02

Oral Precancer & Oral Cancer Screening

2010-2011 02

Oral Precancer & Oral Cancer Screening

Oral & Maxillofacial Surgery 20

2014-2015 04

1. Exodontia – extraction of teeth
2. Minor oral surgery- Surgical removal of impacted teeth, Biopsies, dentoalveolar fracture treatment, cysts & benign tumor removal preprosthetic surgeries Dental implants etc.,
3. Accident & Emergency Causality round the clock emergency duties.
4. Major surgery – Management of Maxillofacial trauma, orthognathic surgeries, Oral cancer, Benign odontogenic & non-odontogenic cysts & tumor etc.,

2013-2014 04

5. Exodontia – extraction of teeth
6. Minor oral surgery- Surgical removal of impacted teeth, Biopsies, dentoalveolar fracture treatment, cysts & benign tumor removal preprosthetic surgeries Dental implants etc.,
7. Accident & Emergency Causality round the clock emergency duties.
8. Major surgery – Management of Maxillofacial trauma, orthognathic surgeries, Oral cancer, Benign odontogenic & non-odontogenic cysts & tumor etc.,

2012-2013 04

9. Exodontia – extraction of teeth
10. Minor oral surgery- Surgical removal of impacted teeth, Biopsies, dentoalveolar fracture treatment, cysts & benign tumor removal preprosthetic surgeries Dental implants etc.,
11. Accident & Emergency Causality round the clock emergency duties.
12. Major surgery – Management of Maxillofacial trauma, orthognathic surgeries, Oral cancer, Benign odontogenic & non-odontogenic cysts & tumor etc.,

2011-2012 04

13. Exodontia – extraction of teeth
14. Minor oral surgery- Surgical removal of impacted teeth, Biopsies, dentoalveolar

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fracture treatment, cysts & benign tumor removal preprosthetic surgeries Dental implants etc.,,

15. Accident & Emergency Casualty round the clock emergency duties.

16. Major surgery – Management of Maxillofacial trauma, orthognathic surgeries, Oral cancer, Benign odontogenic & non-odontogenic cysts & tumor etc.,,

2010-2011 04

17. Exodontia – extraction of teeth

18. Minor oral surgery- Surgical removal of impacted teeth, Biopsies, dentoalveolar fracture treatment, cysts & benign tumor removal preprosthetic surgeries Dental implants etc.,,

19. Accident & Emergency Casualty round the clock emergency duties.

20. Major surgery – Management of Maxillofacial trauma, orthognathic surgeries, Oral cancer, Benign odontogenic & non-odontogenic cysts & tumor etc.,,

Oral Pathology and Microbiology 4717

2014-2015 1025

855 – haematological investigations, 80 biopsies and 90 cytologies

2013-2014 790

612 – haematological investigations, 107 biopsies and 71 cytologies

2012-2013 922

725 – haematological investigations, 122 biopsies and 75 cytologies

2011-2012 870

665 – haematological investigations, 135 biopsies and 70 cytologies

2010-2011 1110

941 – haematological investigations, 157 biopsies and 12 cytologies

Prosthodontics

2014-2015



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UG Teaching , PG Teaching , Intern Training various prosthodontic treatments, dental camps

2013-2014

UG Teaching , PG Teaching , Intern Training various prosthodontic treatments, dental camps

2012-2013

UG Teaching , PG Teaching , Intern Training various prosthodontic treatments, dental camps

2011-2012

UG Teaching , PG Teaching , Intern Training various prosthodontic treatments, dental camps

2010-2011

UG Teaching , PG Teaching , Intern Training various prosthodontic treatments, dental camps

Pedodontics and Preventive Dentistry 4

| | | |
|-----------|---|-------------------------------|
| 2014-2015 | 1 | School Dental Health Programs |
| 2013-2014 | 1 | School Dental Health Programs |
| 2012-2013 | 1 | School Dental Health Programs |
| 2011-2012 | 1 | School Dental Health Programs |
| 2010-2011 | 1 | School Dental Health Programs |

Public health dentistry 4005

2014-2015 285

1. Root Canal Treatments: 24
2. Extractions: 46
3. Oral prophylaxis: 108
4. Pit and fissure sealants: 1
5. Composites: 21
6. Restorations :85

2013-2014 1219

1. Root Canal Treatments: 176

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2. Extractions: 268
3. Oral prophylaxis: 108
4. Pit and fissure sealants:19
5. Composites: 0
6. Restorations :648

2012-2013 1925

1. Root Canal Treatments: 213
2. Extractions: 213
3. Oral prophylaxis: 646
4. Pit and fissure sealants:9
5. Composites: 11
6. Restorations :833

2011-2012 284

1. Root Canal Treatments: 57
2. Extractions: 77
3. Oral prophylaxis: 136
4. Preventive Resin Restorations:14
5. Composites: 0

2010-2011 292

1. Root Canal Treatments: 41
2. Extractions: 86
3. Oral prophylaxis: 131
4. Preventive Resin Restorations:20
5. Composites: 14

Conservative Dentistry and Endodontic 40

2014-2015 08

1. Root canal treatment
2. Endodontic surgeries
3. Bleaching

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4. cast metal restorations
5. Amalgam restorations
6. Composite restorations
7. Glass ionomer cement restorations
8. Post and core preparations

2013-2014 08

1. Root canal treatment
2. Endodontic surgeries
3. Bleaching
4. cast metal restorations
5. Amalgam restorations
6. Composite restorations
7. Glass ionomer cement restorations
8. Post and core preparations

2012-2013 08

1. Root canal treatment
2. Endodontic surgeries
3. Bleaching
4. cast metal restorations
5. Amalgam restorations
6. Composite restorations
7. Glass ionomer cement restorations
8. Post and core preparations

2011-2012 08

1. Root canal treatment
2. Endodontic surgeries
3. Bleaching
4. cast metal restorations
5. Amalgam restorations
6. Composite restorations

7. Glass ionomer cement restorations
8. Post and core preparations

2010-2011 08

1. Root canal treatment
2. Endodontic surgeries
3. Bleaching
4. cast metal restorations
5. Amalgam restorations
6. Composite restorations
7. Glass ionomer cement restorations
8. Post and core preparations

3.5.6 List the broad areas of consultancy services provided by the institution and the revenue generated during the last four years.

List of services offered by the department are displayed prominently and in departmental leaflet.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programs which have created an impact on students' campus experience during the last four years.

Blood donation camps conducted, tobacco cessation awareness created, the committee formed, awareness for dengue and various oral health diseases created among public.

3.6.2 How does the institution promote university-neighborhood network and student engagement, contributing to the holistic development of students and sustained community development?

The institution involves in holistic development of the students and sustains development of the community at large. The institution has committee for extension activities and committee for collaborations and linkages. Through this network the college provides unique learning experiences to students and maintains sustained community development through oral healthcare services, education and research

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3.6.3 How does the institution promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/International programs?

The college has committee for extension activities ISR in which students faculties participate in varied activities through NSS, and outreach activities

3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the institution to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

The institution towards committee for extension activities conducts numerous such activities the activities fall under regular dental camps and oral healthcare awareness lectures, oral healthcare services through satellite centers, and ISR activities. Few such ISR activities are environment concern, National integration constitution of India, Citizenship role, and such similar activities.

3.6.5 Does the institution have a mechanism to track the students' involvement in various social movements / activities that promote citizenship roles?

The committee for extension activities and ISR, NSS cell tracks such activities

3.6.6 How does the institution ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the institution that have encouraged community participation in its activities.

Through committee for extension activities and ISR students and faculties participate in community outreach activities that lead to community development

3.6.7 Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.

A good media coverage and news paper coverage gives publicity for institution .

3.6.8 What intervention strategies have been adopted by the institution to promote the overall development of students from rural/ tribal backgrounds?

Bridge courses are conducted and financial support is given soft skills has been improved,

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language cell is present ,qualified people are appointed.

3.6.9 What initiatives have been taken by the institution to promote social-justice and good citizenship amongst its students and staff? How have such initiatives reached out to the community?

Awareness is created among the students and faculties for the citizenship role numerous activities are initiated for social justice and citizenship role.

3.6.10 How does the institution align itself with the annual themes/programs of WHO/ICMR?

The institution celebrates all such general and oral healthcare national themes and participates in such activities of WHO

3.6.11 What is the role of the institution in the following extension activities?

*** Community outreach health programs for prevention, detection, screening, management of diseases and rehabilitation by cost effective interventions.**

The college has community dentistry department this department jointly with other departments and NGOS participates in prevention retentions screening of oral diseases through dental camps and awareness lectures

*** Awareness creation regarding potable water supply, sanitation and nutrition.**

Awareness lectures are conducted

*** Awareness creation regarding water-borne and air-borne communicable diseases.**

Awareness lectures are conducted

*** Awareness creation regarding non-communicable diseases - cardiovascular diseases, diabetes, cancer, mental health, accident and trauma, etc.**

Guest lectures are held and awareness is created

*** Awareness creation regarding the role of healthy life styles and physical exercise for promotion of health and prevention of diseases.**

Awareness created through guest lectures

*** Awareness creation regarding AYUSH Systems of medicines in general and / or any system of medicine in particular.**

Not applicable

*** Complementary and alternative medicine.**

Not practiced

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*** Pharmacoeconomic evaluation in drug utilization.**

Yes

*** Participation in national programs like Family Welfare, Mother and Child Welfare, Population Control, Immunization, HIV/AIDS, Blindness control, Malaria, Tuberculosis, School Health, anti tobacco campaigns, oral health care, etc.**

Through committee for extension activities institution participates in all such activities

*** Promotion of mental health and prevention of substance abuse.**

Yes, practiced through behavioral cell

*** Adoption of population in the geographical area for total health care.**

Three village are adopted for oral healthcare the oral healthcare services are provided through satellite centers

*** Research or extension work to reach out to marginalized populations.**

The extension work is carried identifying the remote and marginalized villages

3.6.12 Do the faculty members participate in community health awareness programs?

If yes, give details.

The faculty members and postgraduate students participate in community health awareness programs on regular basis

3.6.13 How does the institution align itself and participate in National program for prevention and control of diseases?

The institution participates through students and faculties in National programs like prevention of blindness, prevention awareness of HIV, Polio, oral cancer and such cases

3.7 Collaborations

3.7.1 How has the institution's collaboration with other agencies impacted the visibility, identity and diversity of campus activities? To what extent has the institution benefitted academically and financially because of collaborations?

The institution has made MOU for oral healthcare services school health survey

3.7.2 Mention specific examples of how these linkages promote

*** Curriculum development**

Postings of the students to satellites centers provides learning experiences in rural setup

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*** Internship**

Postings of the students in rural health centers provides exposure to rural setup of dental practice

*** On-the-job training**

*** Faculty exchange and development**

*** Research**

The Mou with rural NGO's provides sample opportunities for research

*** Publication**

*** Consultancy**

Students are exposed to rural setup of oral healthcare through the extension activities the institution is visible in its concern for community and oral healthcare services

*** Extension**

*** Student placement**

*** Any other (specify)**

3.7.3 Has the institution signed MoUs or filed patents with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the institution?

The institution has signed MOUs for school healthcare services adopted villages and covers population through satellite centers

3.7.4 Have the institution-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

The college has established advanced research center having ultra-modern equipments for research and the center is recognized by national agencies

3.7.5 Give details of the collaborative activities of the institution with the following:

*** Local bodies/ community**

Yes,

*** State government / Central government /NGOs**

Yes

*** National bodies**

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Yes, thorough advanced research centers

* **International agencies**

* **Health Care Industry – Biomedical, Pharmaceutical, Herbal, Clinical Research**

Organization (CRO)

Yes oral healthcare services

* **Service sector**

* **Any other (specify)**

3.7.6 Give details of the activities of the institution under public-private partnership.

School health survey creation of awareness of HIV health life style food habits micronutrients and similar activities carried out with public private partnership

- Tie-up with blood bank.
- Adapting a park.
- Tie-up with senior citizens.
- Village adaption.

Any other information regarding Research, Consultancy and Extension, which the institution would like to include.

**Criterion - IV: Infrastructure
and Learning Resources**

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4.1.1 How does the College plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

The committee for infrastructure maintenance assesses availability of adequate infrastructure needed for the programs to be implemented and to utilize optimally. The physical facilities not only comply with the regulatory and apex body needs and exceed in few of areas.

The Narayana dental college ensures adequate availability and optimal utilization of physical infrastructure under the guidance of governing council of college, which consists of seven members. This committee will consult Principal at the end of December for the requirements of infrastructure in the college. Principal recommends the requirements after thorough consultations of various committees and head of departments in the college. Clinical departments and Library are the responsible for optimal utilization of infrastructure. College is supporting the teaching and non teaching staff to ensure the infrastructure optimal utilization by conducting the workshops and seminars.

4.1.2 Does the institution have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Yes. To ensure the promotion of teaching-learning environment, the college management is abiding to establish and maintain state of the art facilities. To support this statement, management has come up with many infrastructure additions and up gradations happen recently.

*College has upgraded the pre clinical conservative dentistry lab and pre clinical prosthetic lab

*4 Post graduate seminar halls have got state of art audio visual facilities with aesthetic furniture.

*Library is equipped with a new Software, which is pro loaded video lectures are readily available for all the students.

*Some of lecture halls have got new LCD projectors with high resolution of picture quality.

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4.1.3 Has the institution provided all its departments with facilities like office room, common room and separate rest rooms for women students and staff?

Each department has separate offices for senior faculty/Heads of Department, while separate office rooms are also available for male and female faculty members; postgraduate students have common rooms with individual workstations. The departments also have common rest rooms, however, with each floor of the college having separate rest rooms for women and men accessible to students and staff.

4.1.4 How does the institution ensure that the infrastructure facilities are barrier free for providing easy access to college and hospital for the differently-able persons?

The entire campus is barrier free, user friendly and meets the requirements of specially abled persons. Narayana dental college has constructed a ramp at its entrance to facilitate access for the differently able persons. An elevator was installed for use by geriatric patients and patients with ambulatory requirements. Presently, all clinical areas are accessible to ambulatory patients. Wheel chair and stretcher facilities are available.

4.1.5 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

The college provides state of the art sports facilities, the sports facilities with full time physical director exceeds the requirements. A committee for sports monitors the infrastructure facilities for sports. Committee for cultural activities facilitates all such facilities for cultural activities.

Narayana dental college is following best practice, to promote fitness and sports in the students, college has started well equipped gym. College has well maintained cricket ground, tennis courts, and volleyball courts with qualified coach. Regular sports committee meetings were held to know the requirements of students. Special incentives are given for meritorious sports persons. Campus is having auditorium to conduct the annual student's cultural events. Constant monetary support is present to conduct the cultural events

“IGNITRA”- a collection of various cultural, sports and fest events which was very well organized on November 17th 2014 by the students of 2009-2014 batch and the faculty of Narayana dental college and hospital on a prestigious basis which has proven teamwork always leads to success. “SPRUDH – sports events”, “SPARZA – cultural events”, and “FEST” were conducted under “IGNITRA” to project the creative talents of the students and

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the faculty. Graduation day was celebrated on November 16th 2014 to honour the students for their meritorious and creative talents in curricular and co-curricular activities. Outgoing students were honoured by the chief guests of the event then Mr.Srikanth I.A.S., Mr.Gangadhar A.S.P, Dr.Subramanyam M.D (Cardiology), Mr.Vijayamohanreddy C.E.O narayana medical group. “SMRITI- memories never fade” was the sovenier which was a collection of all the articles written by the students, photographs and all the memories of the event.

4.1.6 What measures does the institution take to ensure campus safety and security?

The college is 24x7 under the observation of security personnel, who are under guidance of retired police professionals. College has annual budgetary allocations for payment of security agencies. The main gate security records every vehicle details entry. Security team works in shift systems to ensure the safety and security of whole campus.

The campus maintains excellent security facilities including a team of security officers, sniffed dogs, with provision of walkie-talkie, fire extinguisher and other safety measures displayed across the campus.

4.1.7 Facility of Animal House

*** Is animal house maintained as per CPCSEA guidelines?**

Yes.

All animals acquired from NIN Hyderabad, lawfully as per CPCSEA and have separate rooms for Quarantine, Stabilization and Separation of animals. The central animal house has trained people to look after the animal house. Other physical facilities like animal room doors were rust, vermin and dust proof. Floors are smooth, moisture proof, nonabsorbent. Flooring is maintained satisfactorily by wet vacuuming or mopping with appropriate disinfectants.

Temperature And Humidity Control of the animal house is maintained. Ventilating and air-conditioning systems is designed appropriately. Power and lighting (12 hour dark and light cycle), noise control was maintained satisfactorily. Animal food supply from NIN, Hyderabad, and Animal Bedding is absorbent, free of toxic chemicals with round the clock clean water facility.

*** Whether records of animal house are maintained for learning and research activities?**

Yes

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The Animal House was maintaining with following records: Animal House plans, Animal House staff record, Health record of staff! Animals, All SOPs relevant to the animals, stock, purchase and sales records, Minutes of institute Animals Ethics Committee Meetings, Records of experiments conducted with the number of animals used, Death Record, Clinical record of sick animals, Training record of staff involved in animal activities. Animals will be issued only after the approval from the IAEC through form-D.

*** Does the animal house have approval for breeding and selling experimental animals as per CPCSEA guidelines?**

Not available

At present the Central Animal house is not in a position to breed and not supplying the animals to others in view of renewal of the license.

4.1.8 Provide the following details on the use of laboratories / museums as learning resources:

We have 3 museums in the dental college

- 1) In ground floor – this museum is maintained by public health dentistry department and oral medicine department
- 2) In first floor – it is maintained by prosthodontics department
- 3) In third floor - it is maintained by oral pathology department

DETAILS OF ORAL PATHOLOGY MUSEUM

A large museum is situated adjoining the department, measuring approx 620 sq ft area. Wall mounted wooden racks for display of specimen jars adorns one side of the wall. All the three sides of the hall too have floor mounted wooden display shelves. Routine maintenance is done to take care of the specimens. The jars are labeled accordingly with biopsy number and histopathological diagnosis. There are about 150 mounted specimens, 78 casts / models and 94 posters (some are kept outside). Acrylic specimen jars are used for mounting gross specimens.

ORAL PATHOLOGY MUSEUM SPECIMEN DETAILS

| <u>MUSEUM SPECIMEN DETAILS</u> | | | |
|--------------------------------|------------------|---|---------------|
| <u>SL.N</u> | | | <u>BOTTLE</u> |
| <u>O.</u> | <u>BIOPSYNO.</u> | <u>LESION</u> | <u>NO.</u> |
| 1 | B-149 | SQUAMOUS CELL CARCINOMA | 1 |
| 2 | | CENTRAL GAINT CELL GRANULOMA | 2 |
| 3 | B-149 | SUBMANDIBULAR GLAND | 3 |
| 4 | | WARTHINS TUMOR | 4 |
| 5 | B-96 | CYSTIC AMELOBLASTOMA | 5 |
| 6 | B-136 | SQUAMOUS CELL CARCINOMA | 6 |
| 7 | B-136 | SUBMANDIBULAR GLAND | 7 |
| 8 | | AMELOBLASTOMA | 8 |
| 9 | | ODONTOGENIC KERATOCYST | 9 |
| 10 | | ADENOMATOID ODONTOGENIC TUMOR | 10 |
| 11 | | LIPOMA | 11 |
| 12 | | RANULA WITH GLAND | 12 |
| 13 | | CALCIFYING EPITHELIAL ODONTOGENIC TUMOR | 13 |
| 14 | | NEUROFIBROMA | 14 |
| 15 | | LIPOMA | 15 |
| 16 | | AMELOBLASTOMA WITH RESECTED MANDIBLE | 16 |
| 17 | | CENTRAL GAINT CELL GRANULOMA | 17 |
| 18 | | BASAL CELL CARCINOMA | 18 |
| 19 | | ODONTOME | 19 |
| 20 | | SQUAMOUS CELL CARCINOMA | 20 |
| 21 | | AMELOBLASTIC FIBROMA | 21 |
| 22 | | EPIDERMOID CYST | 22 |
| 23 | | LYMPHOMA L.N | 23 |
| 24 | | MELANOMA | 24 |
| 25 | B-23/15 | RADICULAR CYST | 25 |
| 26 | | | |

| | | | |
|----|----------|-----------------------------|----|
| 27 | | RUPTURE OF SPLEEN | 27 |
| 28 | | MULTIPLE LEOMYOMA | 28 |
| 29 | | INFARCTION SPLEEN | 29 |
| 30 | | TUBERCULOUS LYMPHNODE | 30 |
| 31 | | MALIGNANT PAROTID | 30 |
| 32 | | CAPILLARY HEMANGIOMA | 31 |
| 33 | | NEUROFIBROMA | 31 |
| 34 | | NORMAL SUBMANDIBULAR GLAND | 31 |
| 35 | | VERRUCA VULGARIS | 32 |
| 36 | | FIBROMA OF SKIN | 32 |
| 37 | | LIPOMA | 32 |
| 38 | | BASAL CELL CARCINOMA | 33 |
| 39 | | PIGMENTED MELANOCYTIC NEVUS | 33 |
| 40 | | CAVERNOUS HEMANGIOMA | 33 |
| 41 | B-130/07 | ODONTOGENIC KERATOCYST | 34 |
| 42 | B-133/07 | SQUAMOUS CELL CARCINOMA | 34 |
| 43 | B-258/08 | ODONTOGENIC KERATOCYST | 35 |
| 44 | B-155/07 | PYOGENIC GRANULOMA | 35 |
| 45 | B-73 | HEMANGIO LYMPHANGIOMA | 35 |
| 46 | | SALIVARY GLAND | 36 |
| 47 | | ODONTOGENIC KERATOCYST | 37 |
| 48 | | FIBRO SARCOMA | 37 |
| 49 | B-272/08 | BRONCHIAL CYST | 37 |
| 50 | | ANEURYSMAL BONE CYST | 38 |
| 51 | B-259/08 | PLEOMORPHIC ADENOMA | 38 |
| 52 | B-257/08 | FIBROMA | 38 |
| 53 | B-273/08 | PLEOMORPHIC ADENOMA | 39 |
| 54 | B-304/08 | RADICULAR CYST | 39 |
| 55 | B-296/08 | CONDENSING OSTEITIS | 39 |
| 56 | B-307/08 | RADICULAR CYST | 40 |
| 57 | | EPIDERMAL CYST | 40 |
| 58 | B-252 | AMELOBLASTOMA | 41 |

| | | | |
|----|----------|--|----|
| 59 | B-196 | ADENOMATOID ODONTOGENIC TUMOR | 41 |
| 60 | B-283/08 | FOLLICILAR AMELOBLASTOMA | 42 |
| 61 | | RANULA | 43 |
| 62 | | SQUAMOUS PAPILLOMA | 43 |
| 63 | | METASTASIS WITH THYROID NEOPLASM | 44 |
| 64 | B-319/08 | ODONTOGENIC KERATOCYST | 45 |
| 65 | B-310/08 | PLEOMORPHIC ADENOMA | 45 |
| 66 | B-24/06 | PYOGENIC GRANULOMA | 45 |
| 67 | B-393/09 | DENTIGEROUS CYST | 46 |
| 68 | B-394/09 | MUCOCELE | 46 |
| 69 | B-421/08 | INFECTED CYST | 47 |
| 70 | | FIBRO EPITHELIAL POLYP | 47 |
| 71 | B-414/09 | OSSEOUS CHORIOSTOMA | 48 |
| 72 | B-445/09 | AMELOBLASTOMA | 48 |
| 73 | B-370/09 | AMELOBLASTOMA | 49 |
| 74 | | DEVELOPING MAXILLARY 3RD MOLAR WITH CYSTIC LINING | 49 |
| 75 | B-439/09 | RADICULAR CYST | 49 |
| 76 | | CEMENTO OSSIFYING FIBROMA | 50 |
| 77 | B-315 | SQUAMOUS CELL CARCINOMA LEFT MAXILLA | 51 |
| 78 | | | 52 |
| 79 | | ANEURYSMAL BONE CYST WITH CEMENTO OSSIFYING FIBROMA | 53 |
| 80 | | ADENOMATOID ODONTOGENIC TUMOR | 53 |
| 81 | | AMELOBLASTOMA | 54 |
| 82 | | KERATOCYSTIC ODONTOGENIC TUMOR | 54 |
| 83 | | FIBROMA | 55 |
| 84 | | PYOGENIC GRANULOMA | 55 |
| 85 | | MAXILLARY MOLAR WITH ORO ANTRAL FISTULA | 55 |
| 86 | | FIBROMA | 56 |

| | | | |
|-----|----------|---|----|
| 87 | | PLEOMORPHIC ADENOMA | 56 |
| 88 | | MUCOCELE | 56 |
| 89 | B-384 | MULTICYSTIC AMELOBLASTOMA | 57 |
| 90 | | INFECTED KERATINIZING CYSTIC ODONTOGENIC TUMOR OF MANDIBLE | 58 |
| 91 | | ODONTOGENIC KERATOCYST | 59 |
| 92 | | CEMENTO OSSIFYING FIBROMA | 59 |
| 93 | | | 60 |
| 94 | | OSSIFYING FIBROMA | 61 |
| 95 | B-419/09 | ODONTOGENIC KERATOCYST | 61 |
| 96 | | | 62 |
| 97 | | BUCCAL HALF OF SPECIMEN | 63 |
| 98 | | | 64 |
| 99 | | LEFT MANDIBULAR REGION | 65 |
| 100 | | | 66 |
| 101 | | SIALADENTITIS SECONDARY TO SIALOLITHIASIS LEFT SUB MANDIBULAR GLAND | 67 |
| 102 | B-15/06 | SQUAMOUS CELL CARCINOMA | 68 |
| 103 | | | 69 |
| 104 | | RADICULAR CYST | 70 |
| 105 | | | 71 |
| 106 | | | 72 |
| 107 | B-377/09 | SQUAMOUS CELL CARCINOMA | 73 |
| 108 | | | 74 |
| 109 | B-377/09 | SQUAMOUS CELL CARCINOMA | 75 |
| 110 | B-458/09 | TUMOR IN MAXILLARY ANTRUM | 76 |
| 111 | B-225/09 | NON SPECIFIC CHRONIC INFLAMMATORY AND DEGENERATIVE CHANGES | 77 |
| 112 | B-02/09 | ODONTOGENIC KERATOCYST | 78 |
| 113 | B-349/03 | LEVEL I SUB MANDIBULAR GLAND | 79 |
| 114 | B-115/07 | FIBRO EPITHELIAL HYPERPLASIA | 80 |

| | | | |
|-----|--------------------------|---|-----|
| 115 | B-101/13 | ADENOMATOID ODONTOGENIC TUMOR | 81 |
| 116 | B-283/03 | FOLLICILAR AMELOBLASTOMA | 82 |
| 117 | B-195 | RECURRENT ODONTOGENIC KERATOCYST | 83 |
| 118 | B-149 | SUB MANDIBULAR GLAND WITH IB | 84 |
| 119 | B-126/10 | VERRUCOUS LEUKOPLAKIA | 85 |
| 120 | | | 86 |
| 121 | | | 87 |
| 122 | B-349/09 | WELL DIFFERENTIATED ORAL SQUAMOUS CELL CARCINOMA | 88 |
| 123 | B-198/12 | TUMOR | 89 |
| 124 | B-207 | SEGMENTAL RESECTION WITH DISARTICULATION OF MANDIBLE | 90 |
| 125 | B-388/08 | SEGMENTAL RESECTION OF MANDIBLE CENTRAL OSSIFYING FIBROMA | 91 |
| 126 | | | 92 |
| 127 | B-18/11 | UNICYSTIC AMELOBLASTOMA | 93 |
| 128 | B-418/09 | OSSIFYING FIBROMA | 94 |
| 129 | | | 95 |
| 130 | B-168/07 | RANULA | 96 |
| 131 | B-228/12 | RADICULAR CYST | 97 |
| 132 | B-377/09 | SQUAMOUS CELL CARCINOMA | 98 |
| 133 | B-233/12 TO B- 239/12 | HOMOGENOUS LEUKOPLAKIA | 99 |
| 134 | B-220/10 | DENTIGEROUS CYST | 100 |
| 135 | B-82/10 | OROFACIAL GRANULOMA | 101 |
| 136 | B-460/09 | ANEURYSMAL BONE CYST | 102 |
| 137 | B-112/10 | ADENOMATOID ODONTOGENIC TUMOR | 103 |
| 138 | | | 104 |
| 139 | B-454/09 | GRANULOMATOUS INFLAMMATION WITH SUPER IMPOSED ACUTE INFLAMMATION | 105 |
| 140 | B-291/08 | LEFT RETROMANDIBULAR REGION HEMI MANDIBULECTOMY | 106 |

| | | | |
|-----|----------|---|-----|
| 141 | B-105/12 | SEGMENTAL MANDIBULAR RESECTION | 107 |
| 142 | B-216/12 | PERIAPICAL OSSIFYING FIBROMA | 108 |
| 143 | B-217/12 | UNICYSTIC PLEXIFORM AMELOBLASTOMA | 109 |
| 144 | B-315/08 | TUMOR OF MAXILLARY SINUS TOTAL MAXILLECTOMY | 110 |
| 145 | B-106 | SEGMENTAL HEMI MANDIBULECTOMY | 111 |
| 146 | B-352/09 | CCD OF AMELOBLASTOMA FOLLICULAR AND PLEXIFORM TYPE | 112 |
| 147 | B-218/12 | CCD OF BONE ANKYLOSIS | 113 |
| 148 | B-377/09 | SQUAMOUS CELL CARCINOMA | 114 |
| 149 | B-39/14 | CENTRAL GIANT CELL GRANULOMA (MANDIBLE) | 115 |
| 150 | B-63/14 | DENTIGEROUS CYST | 116 |
| 151 | B-96/13 | FIBROMA | 117 |
| 152 | B-45/14 | RADICULAR CYST | 118 |
| 153 | B-08/14 | UNICYSTIC AMELOBLASTOMA | 119 |
| 154 | B-39/14 | CENTRAL GIANT CELL GRANULOMA (MAXILLA) | 120 |
| 155 | B-101/13 | ADENOMATOID ODONTOGENIC TUMOR | 121 |

MODEL CASTS

| <u>SL.NO.</u> | <u>CASTS/MODELS</u> | <u>no.</u> |
|---------------|---------------------|------------|
| 1 | GEMINATION | 1 |
| 2 | FUSION | 2 |
| 3 | MESIODENS | 3 |
| 4 | DISTOMOLAR | 4 |
| 5 | PARAMOLAR | 5 |
| 6 | SUPERNUMERARY TOOTH | 6,7 |
| 7 | TALONS CUSP | 8 |
| 8 | PEG LATERALS | 9 |
| 9 | SUPERNUMERARY TOOTH | 10 |
| 10 | MACRODONTIA | 11 |

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| | | |
|----|--|----------------|
| 11 | OLIGODONTIA | 12 |
| 12 | MESIODENS | 13 |
| 13 | MICRODONTIA | 14 |
| 14 | TALONS CUSP | 15 |
| 15 | SUPERNUMERARY TOOTH | 16 |
| 16 | | 17 |
| 17 | DISTOMOLAR | 18 |
| 18 | MAXILLARY ARCH MIXED DENTITION | 19,20,21,22,23 |
| 19 | MANDIBULAR ARCH MIXED DENTITION | 24,25 |
| 20 | PERMANENT DENTITION | 26,27,28,29,30 |
| 21 | PRIMARY DENTITION | 31,32,33 |
| 22 | STAPHYLOCOCCI- NUTRIENT AGAR | 34 |
| 23 | MYCOBACTERIUM TUBERCULOSIS[LOWENSTEIN JENSEN MEDIUM] | 35 |
| 24 | STREPTOCOCCI WITH HAEMOLYSIS- BLOOD AGAR | 36 |
| 25 | CANDIDA ALBICANS[SABRAUDS DEXTROSE AGAR] | 37 |
| 26 | ACTINOMYCES ISRAELI- CHOCOLATE AGAR | 38 |
| 27 | PERMANENT TOOTH WAX MODEL- CENTRAL INCISOR | 39 |
| 28 | PERMANENT TOOTH WAX MODEL- CENTRAL INCISOR | 40 |
| 29 | ANOMALIES OF TONGUE | 41 |
| 30 | PLEXIFORM AMELOBLASTOMA | 42 |
| 31 | AMELOBLASTOMA | 43 |
| 32 | PARTS OF THE GINGIVA | 44 |
| 33 | ORTHOKERATINISED EPITHELIUM | 45 |
| 34 | PARAKERATINISED EPITHELIUM | 46 |
| 35 | NON-KERATINISED EPITHELIUM | 47 |
| 36 | REGRESSIVE ALTERATIONS OF TEETH | 48 |

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| | | |
|----|---|----|
| 37 | STAGES OF CARIES | 49 |
| 38 | HEALTHY TOOTH | 50 |
| 39 | BUD STAGE, CAP STAGE | 51 |
| 40 | BELL AND ADVANCED BELL STAGE | 52 |
| 41 | DEVELOPMENT OF HUMAN FACE | 53 |
| 42 | JUNCTIONAL EPITHELIUM & LAMINA PROPRIA | 54 |
| 43 | SKULL | 55 |
| 44 | LONGITUDINAL & CROSS SECTIONS OF PERMANENT TEETH | 56 |
| 45 | DENTIGEROUS CYST | 57 |
| 46 | ODONTOGENIC KERATOCYST | 58 |
| 47 | WARTHINS TUMOR | 59 |
| 48 | ADENOID CYSTIC CARCINOMA | 60 |
| 49 | MUCO EPIDERMOID CARCINOMA | 61 |
| 50 | PLEOMORPHIC ADENOMA | 62 |
| 51 | SKELETON | 63 |
| 52 | FIBRES OF PERIODONTAL LIGAMENT | 64 |
| 53 | PEMPHIGUS | 65 |
| 54 | MUCO EPIDERMOID CARCINOMA | 66 |
| 55 | PEMPHIGOID | 67 |
| 56 | FIBROMA | 68 |
| 57 | CENTRAL GIANT CELL GRANULOMA | 69 |
| 58 | BASAL CELL CARCINOMA | 70 |
| 59 | PLEOMORPHIC ADENOMA | 71 |
| 60 | LICHEN PLANUS | 72 |
| 61 | CAPILLARY HEMANGIOMA | 73 |
| 62 | CALCIFYING EPITHELIAL ODONTOGENIC TUMOR | 74 |
| 63 | ORAL SUBMUCOUS FIBROSIS | 75 |
| 64 | VERRUCOUS CARCINOMA | 76 |
| 65 | | 77 |

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| | | |
|----|-------------------------------|----|
| 66 | OSSIFYING FIBROMA | 78 |
| 67 | RADICULAR CYST | 79 |
| 68 | LIPOMA | 80 |
| 69 | WARTHINS TUMOR | 81 |
| 70 | ADENOMATOID ODONTOGENIC TUMOR | 82 |
| 71 | SQUAMOUS CELL CARCNOMA | 83 |
| 72 | DENTIGEROUS CYST | 84 |
| 73 | FOLLICULAR AMELOBLASTOMA | 85 |
| 74 | MUCOCELE | 86 |
| 75 | PLEXIFORM AMELOBLASTOMA | 87 |
| 76 | ODONTOGENIC KERATOCYST | 88 |
| 77 | ZONES OF PULP | 89 |
| 78 | PULP STONES | 90 |

POSTERS

| <u>SL.NO</u> | <u>POSTERS LIST</u> | <u>SIZE</u> |
|--------------|--|-------------|
| 1 | DEVELOPMENTAL DISTURBANCES AFFECTING DENTIN OF TEETH | BIG |
| 2 | STERILIZATION AND DISINFECTION | SMALL |
| 3 | TYPES OF EPITHELIUM | SMALL |
| 4 | DEVELOPMENTAL DISTURBANCES AFFECTING SHAPE OF TEETH | BIG |
| 5 | FORENSIC ODONTOLOGY | BIG |
| 6 | DENTAL IDENTIFICATION IN MASS DISASTERS | BIG |
| 7 | MULTIFACETED PLEOMORPHIC ADENOMA | BIG |
| 8 | ENIGMAS OF ODONTOGENIC TUMORS | BIG |
| 9 | PAROTID REGION LATERAL VIEW | SMALL |
| 10 | ROOT OF NECK ANTERIOR VIEW | SMALL |
| 11 | RESIDUAL CYSTS VS UNICYSTIC AMELOBLASTOMA | SMALL |
| 12 | PRIMARY TOOTH DESIGNATION | SMALL |
| 13 | MIXED ODONTOGENIC TUMORS | BIG |
| 14 | WHITE LESIONS | SMALL |

| | | |
|----|--|-------|
| 15 | CLINICAL FORMS OF LICHEN PLANUS | BIG |
| 16 | RADICULAR CYST | BIG |
| 17 | UNICYSTIC AMELOBLASTOMA | BIG |
| 18 | KERATOCYSTIC ODONTOGENIC TUMOR | BIG |
| 19 | PROCESSING & H&E STAINING PROCEDURES FOR SOFT TISSUES | BIG |
| 20 | ORAL MANIFESTATIONS OF SYPHILIS | BIG |
| 21 | SQUAMOUS CELL CARCINOMA CLINICAL ASPECTS | SMALL |
| 22 | SQUAMOUS CELL CARCINOMA HISTOLOGICAL FEATURES | SMALL |
| 23 | NEUROFIBROMATOSIS | BIG |
| 24 | ORAL MANIFESTATIONS OF AIDS | SMALL |
| 25 | MALIGNANT MELANOMA OF THE ORAL CAVITY | SMALL |
| 26 | SCHWANNOMA | BIG |
| 27 | PAGETS DISEASE | BIG |
| 28 | ORAL MELANOCYTIC NEVUS | SMALL |
| 29 | ORAL SUBMUCOUS FIBROSIS | BIG |
| 30 | FIBROUS DYSPLASIA | BIG |
| 31 | VERRUCIFORM XANTHOMA | SMALL |
| 32 | HERPES SIMPLEX VIRAL INFECTION | BIG |
| 33 | CHONDROMA | SMALL |
| 34 | OSSIFYING FIBROMA | SMALL |
| 35 | MELANOMA | SMALL |
| 36 | OSTEOMA | SMALL |
| 37 | ACTINOMYCOSIS | SMALL |
| 38 | VERRUCOUS CARCINOMA | SMALL |
| 39 | KERATOACANTHOMA | SMALL |
| 40 | SQUAMOUS CELL CARCINOMA HISTOLOGICAL FEATURES | SMALL |
| 41 | ODONTOGENIC TUMORS | SMALL |
| 42 | CLASSIFICATION OF CYSTS | SMALL |
| 43 | SALIVARY GLAND NEOPLASMS | SMALL |

| | | |
|----|--|-------|
| 44 | FIBROMA | SMALL |
| 45 | BASAL CELL CARCINOMA | SMALL |
| 46 | LEOMYOMA | SMALL |
| 47 | DIFFERENCES BETWEEN HEMANGIOMA AND VASCULAR MALFORMATION | SMALL |
| 48 | ADENOMATOID ODONTOGENIC TUMOR | BIG |
| 49 | HPV INFECTIONS[ORAL] | BIG |
| 50 | AMELOBLASTOMA | BIG |
| 51 | CALCIFYING EPITHELIAL ODONTOGENIC TUMOR | BIG |
| 52 | EPSTEIN BARR VIRUS | BIG |
| 53 | ODONTOMA | BIG |
| 54 | DEVELOPMENTAL DISTURBANCES OF JAWS | BIG |
| 55 | CLEFT LIP/PALATE | BIG |
| 56 | DEVELOPMENTAL DISTURBANCES OF LIP | BIG |
| 57 | AMELOGENESIS IMPERFECTA | BIG |
| 58 | LAB DIAGNOSIS OF CANDIDIASIS | BIG |
| 59 | TONGUE ANOMALIES | BIG |
| 60 | DEVELOPMENTAL ANOMALIES OF TONGUE | BIG |
| 61 | ORAL THRUSH | SMALL |
| 62 | CLASSIFICATION OF ORAL CANDIDIASIS | SMALL |
| 63 | GOOD HEALTH DEPENDS ON GOOD TEETH | SMALL |
| 64 | DEVELOPMENT OF TOOTH BUD STAGE | SMALL |
| 65 | RELATIONSHIP BETWEEN ODONTOBLASTIC PROCESS & DENTAL TUBULE | SMALL |
| 66 | HISTOLOGY OF PULP | SMALL |
| 67 | DEVELOPMENT OF TOOTH BELL STAGE | SMALL |
| 68 | MICROBIOLOGY OF CANDIDA | SMALL |
| 69 | LIPOMA | SMALL |
| 70 | ORAL SURFACE LESIONS | SMALL |
| 71 | TYPES OF ORAL EPITHELIUM | SMALL |
| 72 | HISTOLOGY OF SALIVARY GLAND | SMALL |
| 73 | DENTINOENAMEL JUNCTION | SMALL |

| | | |
|----|---|-------|
| 74 | ENAMEL TUFTS | SMALL |
| 75 | JUNCTION BETWEEN EPITHELIUM AND CONNECTIVE TISSUE | SMALL |
| 76 | HUMAN TOOTH ANATOMY | SMALL |
| 77 | DEVELOPMENT OF TOOTH CAP STAGE | SMALL |
| 78 | TEETH ARRANGEMENT | SMALL |
| 79 | RED LESIONS OF ORAL CAVITY | SMALL |
| 80 | TNM STAGING FOR ORAL CARCINOMA | SMALL |
| 81 | LYMPH NODES OF HEAD & NECK | SMALL |
| 82 | LEUKOPLAKIA | BIG |
| 83 | TEMPOROMANDIBULAR JOINT | BIG |
| 84 | HISTOLOGY OF SALIVARY GLAND | BIG |
| 85 | HISTOLOGY OF TONGUE & ORAL MUCOSA | BIG |
| 86 | HISTOLOGY OF ALVEOLAR BONE & CEMENTUM | BIG |
| 87 | LEUKOPLAKIA CLINICAL VARIANTS | BIG |
| 88 | FIBROUS DYSPLASIA | BIG |
| 89 | HISTOLOGY OF ENAMEL | BIG |
| 90 | DEVELOPMENTAL ANOMALIES OF TEETH[SHAPE] | BIG |
| 91 | ORAL LICHEN PLANUS | BIG |
| 92 | LEOMYOSARCOMA & RHABDOMYOSARCOMA | BIG |
| 93 | LEOMYOMA & RHABDOMYOMA | BIG |
| 94 | HISTOLOGY OF DENTIN & PULP | BIG |

DETAILS OF PROSTHODINTC MUSEUM

Specimens in the museum

- 1) Anatomical landmarks models
- 2) Base plate wax and occlusal rims models
- 3) Custom tray and spacer design models
- 4) Spacer designs models
- 5) Impression models
- 6) Edentulous models
- 7) Polishing materials
- 8) Casting sprue & Die preparation models

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- 9) Endodontic posts models
- 10) Maxillofacial Casts
- 11) CPD Specimen models
- 12) Implant Surgi guide models
- 13) Surveyor
- 14) Dental waxes specimens
- 15) Tissue conditioners
- 16) Dental restorative materials
- 17) Ivoclar shade Guide
- 18) FPD Crown preparation models
- 19) Crown remover
- 20) Custom Tray, CD, RPD, FPD models
- 21) Primary & secondary impressions
- 22) Articulators
- 23) Models of Crown preparations on Dental Plaster
- 24) Oral & Maxillofacial Casts

4.1.9 Dentistry

* **Dental chairs in clinic – specialty wise**

* **Total dental chairs**

| Department | Total dental chairs |
|-------------------------|---------------------|
| ORAL MEDICINE | 36 |
| ORAL SURGERY | 51 |
| PROSTHDONTICS | 60 |
| ENDODONTICS | 52 |
| PEDODONTICS | 41 |
| ORTHODONTICS | 42 |
| PERIODONTICS | 59 |
| PUBLIC HEALTH DENTISTRY | 33 |
| ORAL PATHOLOGY | 6 |
| TOTAL | 380 |

* **Schedule of chair side teaching in clinics – specialty wise**

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Chair side teaching done according to rotatory clinical posting schedule in below respective departments

- 1) ORAL MEDICINE – case history taking, oral cancer screening, palpation methods, caries diagnosis methods, tobacco cessation methods, radiograph interpretation etc
- 2) ORAL SURGERY – oral anatomy landmarks, local anesthetic techniques, exodontia methods, management of emergencies and trauma
- 3) CONSERVATIVE DENTISTRY AND ENDODONTICS – diagnosis of caries, caries prevention methods, tooth preparation methods, endodontic procedures for pulpally involved teeth, different treatment modalities for carious teeth, discoloured and fractured teeth
- 4) PROSTHODONTICS – rehabilitation of edentulous patients, partial denture preparation methods, impression procedures, fixed prosthodontic procedural methods and dental implants
- 5) PEDODONTICS – child behavior management, age estimation methods, interceptive orthodontic methods, management of nursing bottle caries methods, habit breaking appliances and endodontic treatment of primary teeth
- 6) PERIODONTICS - importance of oral hygiene, oral prophylaxis methods, root planning methods, gingivectomy and flap surgery
- 7) ORTHODONTICS – importance of occlusion, fabrication of fixed and removable orthodontic appliances and habit breaking appliances
- 8) ORAL PATHOLOGY – biopsy procedural methods, tissue staining methods, interpretation of pathology slides, culture sensitivity test and routine biochemical analysis methods
- 9) PUBLIC HEALTH DENTISTRY - survey methods, epidemiological studies, caries prevention methods

*** Number of procedures in clinics per month and year**

| Month | No. of Patients | No. of Procedures |
|-------------|-----------------|-------------------|
| Jan-2015 | 10820 | 3381 |
| Feb-2015 | 11230 | 3509 |
| March- 2015 | 12150 | 3797 |
| April-2015 | 11260 | 3519 |
| May-2015 | 10850 | 3391 |
| June-2015 | 11801 | 3688 |
| July-2015 | 12367 | 3865 |

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| | | |
|----------|-------|------|
| Aug-2015 | 11115 | 3473 |
| Sep-2015 | 10293 | 3217 |
| Oct-2015 | 10774 | 3367 |
| Nov-2015 | 11234 | 3511 |
| Dec-2015 | 12355 | 3861 |

*** Mobile dental care unit –**

Available to cater needs of Public health dentistry department. Students can perform reasonably simple dental procedures in this vehicle. Audio visual aids are also present to create health awareness in rural people.

*** Facilities for dental and maxillofacial procedures**

- For major surgical procedures, we are sharing the medical college state of art operation theatres
- Two minor operation theatres are present in the department with fiber optic laryngoscope, Fiber optic light
- Recovery room with inpatient beds
- Cleft surgery facilities

*** Dental laboratories**

- 1) Pre Clinical Prosthodontics Phantom Head Lab
- 2) Pre Clinical Conservative Phantom Head Lab
- 3) Pre Clinical Endodontic Lab
- 4) Pre Clinical Pedodontics Lab
- 5) Dental Materials Lab
- 6) Orthodontic Lab
- 7) Conservative Dentistry Lab
- 8) Ceramic Furnace Lab
- 9) Oral Pathology Lab
- 10) Polymers lab
- 11) Casting room
- 12) Plaster room
- 13) BPS walplast lab

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4.1.10 Pharmacy

Pharmaceutical Science Laboratories

- * **Museum for drug formulations**
- * **Machine room**
- * **Herbarium / crude drug museum**
- * **Balance room**
- * **Chemical store**
- * **Instrumentation facilities**
- * **Pilot plant**
- * **Computer aided laboratory**

4.1.11 Yoga and Naturopathy

- * **Demonstration hall with teaching facility to cater to the needs of the students.**
- * **Diet Service Management Department**
- * **Yoga cum multipurpose hall for meditation and prayer**
- * **Solarium compatible for multimedia presentation**
- * **Mud Storage Unit**
- * **Outdoor Facilities - Walking track with reflexology segment.**
- * **Swimming Pool**
- * **Naturopathy blocks**

4.1.12 Homoeopathy

- * **Museum and demonstration room (Homoeopathic Pharmacy Laboratory, Pathology Laboratory, Community Medicine, Homoeopathic Materia Medica, Organon of Medicine including History of Medicine)**
- * **Repertory with Computer Laboratory and Demonstration Room**

4.1.13 Nursing

- * **Nursing Foundation Laboratory**
- * **Medical Surgical Laboratory**
- * **Community Health Nursing Laboratory**
- * **Maternal and Child Health Laboratory**
- * **Nutrition Laboratory**

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- * Pre clinical Laboratories
- * Specimens, Models and Mannequins

4.1.14 Ayurveda

- * Herbal Gardens
- * Museum Herbarium
- * Panchakarma Facility
- * Eye Exercises Clinic
- * Kshara Sutra and Agni Karma Setup
- * Ayurveda Pharmacy

4.1.15 Does the institution have the following facilities? If so, indicate its special features, if any.

- * Meditation Hall
- * Naturopathy blocks

4.1.16 Provide details of sophisticated equipments procured during the last four years.

- 1) Endodontic Surgical Microscope
- 2) Rvg Units
- 3) Autoclave For Handpiece Sterilization
- 4) Injectable Gutta Percha
- 5) Electronic Dental Chairs
- 6) Endo-Activator
- 7) V.L.C Equipment
- 8) Hand Piece Sterilizer
- 9) Intra Oral Camera
- 10) Vertical Autoclave
- 11) I.O.P.A X-Ray Machine
- 12) Light Cure Units
- 13) Biostar Pressure Moulding Machine
- 14) B Class Autoclave
- 15) Sand Blaster Machine

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- 16) Phantom Head Tables
- 17) Automatic Developer
- 18) Amalgamator
- 19) Endo Pressure Syringe
- 20) Air Polisher Units
- 21) Pison Scalers
- 22) Magnifying Loups
- 23) Implant Motor
- 24) Spot Welder & Attachment Cable
- 25) Pressure Moulding Machine
- 26) Milling Machine
- 27) Whip mix Articulator 8500 Series With Face Bow
- 28) Pneumatic Crown Removers
- 29) Hydraulic Bench Press
- 30) Steam Cleaner
- 31) Die Cutting Machine
- 32) Indirect Composite Curing Oven
- 33) Soft-Tissue Diode Dental Laser

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4.2 Clinical Learning Resources

4.2.1 Teaching Hospital

- * **Year of establishment** - 2001
- * **Hospital institution distance** –Both are Attached
- * **Whether owned by the college or affiliated to any other institution?**

Owned by the college

- * **Are the teaching hospitals and laboratories accredited by NABH, NABL or any other national or international accrediting agency?**

CMC & Biorad Quality control testing agency approval certification

- * **Number of beds** -1180 (39 Units)
- * **Number of specialty services-** 123
- * **Number of super-specialty services-** 180 beds (9 units)

Extensive infrastructure offers facilities comprising equipped intensive care beds with central/bedside monitors with ventilators /incubators

- * **Number of beds in ICU / ICCU / PICU / NICU, etc.** - 56
- * **Number of operation theatres-** 22
- * **Number of Diagnostic Service Departments** -4
- * **Clinical Laboratories-** 1- Oral pathology, 1- Central lab, 1- super specialty= 3
- * **Service areas viz. laundry, kitchen, CSSD, Backup power supply, AC plant, Manifold Rooms, pharmacy services-** Available
- * **Blood Bank services-** Available

Round the clock blood bank for preparation and issue of blood components to patients. Committed to protecting the safety of both donors and potential recipients by providing quality blood and blood products from non-remunerated, healthy donors following a stringent screening process. Voluntary blood donation, being the safest form of blood donation is encouraged.

- * **Ambulance services-** Available

Ambulances that are well equipped and manned by trained personnel- indeed a veritable 'hospital on wheels'.

- * **Hospital Pharmacy services-** Available

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Offers the convenience of filling prescriptions at the time of appointment and same day refills. In addition to prescription services, wide variety of over the counter medications and medical supplies are offered. With our pharmacy reimbursement expertise, we help to navigate complex insurance issues and coordinate the benefits.

- * **Drug poison information service- Available (3-4 per day)**
- * **Pharmacovigilance-** unit is run by pharmacology department of medical college. It has setup adverse drug collection boxes and collects reports on adverse drug reactions. It analyses and reports to JIPMER.
- * **Mortuary, cold storage facility** - Available
- * **Does the teaching hospital display the services provided free of cost?** No
- * **What is the mechanism for effective redressal of complaints made by patients?**

Grievance redressal cell Available

The complaints and suggestions received are registered and acknowledged. Necessary assistance is provided to take instant remedial measures by the attending staff.

- * **Give four years statistics of inpatient and outpatient services provided.**
- * **Does the hospital display charges levied for the paid services?**
- * **Are the names of the faculty and their field of specialization displayed prominently in the hospital?** Yes
- * **Is pictorial representation of the various areas of the hospital displayed in a manner to be understood by illiterate patients?** No
- * **Is there a prominent display of ante-natal, mother and child health care facilities?**
No
- * **How does the hospital ensure dissemination of factual information regarding rights, responsibilities and the health care costs to patient and the relatives/attendants?**
- * **How does the hospital ensure that proper informed consent is obtained?**
- * **Does the hospital have well-defined policies for prevention of hospital-acquired infections?** None
- * **Does the hospital have good clinical practice guidelines and standard operating procedures?** Yes
- * **Does the hospital have effective systems for disposal of bio-hazardous waste?** Yes

Bio-medical waste is segregated, labelled, collected , stored , transported and subjected to chemical , thermal (autoclave, microwave, incinerator, hydroclaving), mechanical (compaction , shredding) , irradiation and biological processes.

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* **How does the hospital ensure the safety of the patients, students, doctors and other health care workers especially in emergency department, critical care unit and operation theatres? Are the safety measures displayed in the relevant areas? Yes**

* **How are the Casualty services/Accident and Emergency Services organized and effectively managed? Yes**

* **Whether the hospital provides patient friendly help-desks at various places. Yes**

The hospital provides help desk dedicated to help patients and guide them in any manner.

* **Does the hospital have medical insurance help desk? Yes**

* **What are the other measures taken to make the hospital patient friendly?**

* **How does the hospital achieve continuous quality improvement in patient care and safety?**

The quality of patient care is possible because of an engaged workforce that takes pride in its day to day responsibilities. They are able to alleviate feelings of stress and fear in patients while instilling in them a positive approach towards treatment . Through small acts of kindness , they create a superior patient experience.

* **What are the measures available for collecting feedback information from patients and for remedial actions based on such information?**

Following discharge patients receive feedback form. Any type of feedback received is followed up by the customer care personnel, thus contributing towards assisting in improving quality of our services and care.

* **How does the institution ensure uniformity in treatment administered by the therapists?**

* **Does the institution conduct any orientation training program for AYUSH-based para-medical staff?**

4.2.2 What specific features have been included for clinical learning in the out-patient, bedside, community and other clinical teaching sites?

Display boards educating various patients in all the waiting halls & Museum

Demonstration of various steps of maintenance protocols in person to person basis

4.3 Library as a Learning Resource

4.3.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been implemented by the committee to render the library student/user friendly?

We have Library Advisory Committee to look after the development of the library. All committee members are part of the institution and regularly they are meeting and discussing various issues related to the library. The present committee members are listed below

| Sl.No | Name | Designation | Department | Mobile No |
|-------|------------------------------|--------------------|-------------------------|------------|
| 1 | Dr.N.Sivakumar | Chairperson | Pedodontics | 9441624429 |
| 2 | Mr.K.Murali Mohan Reddy | Member-coordinator | Librarian | 7382135134 |
| 3 | Dr.B.Swapna Sridevi | Member | Oral Medicine | 9441788440 |
| 4 | Dr.G.Srinivasulu | Member | Public health Dentistry | 9440505522 |
| 5 | Mr.GVS.Kalyan | Member | UG Male | 9493443573 |
| 6 | Miss.P.Lakshmi Prasanna | Member | UG Female | 8978136533 |
| 7 | Dr.Sunny Priyatham Tirupathi | Member | PG Male | 9490549454 |
| 8 | Dr.R.Niharika | Member | PG Female | 9290953544 |

Significant initiatives that have been implemented by the committee are as follows;

We have conducting the Learning Resource Center (LRC) meeting once in monthly or as per need of the hour, to discuss to solve library requirements and related problems.

- 1) Allocation of fund to departments for the purchase of books, journals and improvement of library service and infrastructure facilities.
- 2) Updating the existing e-library facilities.
- 3) Display of newspaper clipping on vacancies/ competitive examinations and other academic related activities/notices/circulars.
- 4) Implementation of library Software, Internet & Photocopying facilities.
- 5) By getting recommendations from individuals, departments for adding new material.
- 6) To support facilitation to provide needy and timely information to the library

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7) To ensure mechanisms that support the best utility of library resources by the user community .to suggest promoting the human and culture aspects.

4.3.2 Provide details of the following:

*** Total area of the library (in Sq. Mts.)**

Total Central Library area: 4200 Sqmt.

Total area for Dental wing: 1400 Sqmt.

*** Total seating capacity**

SEATING CAPACITY IN THE CENTRAL LIBRARY: 796

GROUND FLOOR: 287

| | | |
|----------------------------|---|-----|
| REFERENCE SECTION | : | 108 |
| TEXTBOOK SECTION – I | : | 60 |
| TEXTBOOK SECTION – II | : | 48 |
| STAFF READING AREA | : | 25 |
| INTERNET & DIGITAL LIBRARY | : | 50 |

FIRST FLOOR: 259

| | | |
|-------------------------------|---|-----|
| JOURNAL READING | : | 102 |
| PG READING AREA | : | 25 |
| SKIL LAB | : | 10 |
| NEWS PAPER SECTION | : | 12 |
| OWN BOOK READING AREA (BOYS) | : | 60 |
| OWN BOOK READING AREA (GIRLS) | : | 60 |
| SECOND FLOOR | : | 250 |
| OUTSIDE READING AREA | : | 250 |

The Library has its own building which was established in three floors spaciouly in a sprawling area with ultra modern facilities to cater to the need of the users.

*** Working hours (on working days, on holidays, before examination, during examination, during vacation)**

The library remains from **6:00 a.m to 12:00 a.m (Mid night)** .throughout the year Except Sundays and Public holidays

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- Monday to Saturday : 6:00 a.m. to 12:00 a:m
- Sundays and Public Holidays : 9:00 p.m. to 1:00 p.m.
- During the time of Examination, Library remains open Round the clock (24X7) for the benefit of students.

*** Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**

The LRC includes a stack area, undergraduate and postgraduate areas, faculty & students lounge, internet browsing center, audio-visual room, circulation counter, photocopy section, and 'group think' for discussions.

*** Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection**

*** The Board in ground floor indicates the layout of the library.**

*** The name plates/boards above the door of each section and on the**

*** Racks and cupboard provide easy access to the users.**

*** Fire extinguishers exits are available for all areas in the library for emergency.**

*** Adequate signage directs the users to the collection.**

*** List of library staff with their qualifications**

Mr. K.Murali Mohan Reddy, Librarian M.COM, M.L.I.Sc M.PHIL.

Mrs. N.Subrahmanyam, Asst.Librarian M.L.I.Sc.,

Mr. M. Ravi Kumar, Asst. Librarian M.L.I.Sc.,

Mr. P.Anwesh, Lib.Asst B.tech.,

Mr. D.RaviTeja, Lib.Asst B.sc.,

Mr. P.Chaitanya, Jr. Asst Intermediate

Mr. K.PremKumar, Attender S.S.C

Mr. I.Srinath, Attender S.S.C

Mr.I.Surendra, Attender S.S.C

Mr.E.Sandeep, Attender S.S.C

Mr.P.Venkateswarlu, Xerox operator

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4.3.3 Give details of the library holdings:

*** Print (books, back volumes, theses, journals)**

- Books - 4697
- Journals - (63 printed & 505 e-journals)
 - International Journal-52
 - Nationals journals -11
 - Proquest-441
 - Ebsco dental -64
- Magazines - 3
- News Papers - 3
- Back volumes - 530 volumes (issues –4110)
- Thesis -30

*** Average number of books added during the last three years**

2013 - 21

2014 -

2015 -

*** Non Print (Microfiche, AV)**

*** CD, DVD and AV Materials -150**

*** Electronic (e-books, e-journals)**

E-Journals or E-Information resources are rendering yeoman service to update the knowledge and skills of the users. So we wish to provide e-journals to our users too. So for this purpose we have subscribed NTRMEDNET CONSORTIUM to provide e-journals.

- PROQUEST: 441
- EBSCO Dental: 64

*** Special collections (e.g. text books, reference books, standards, patents)**

Yes. Thesis and Dissertations, journal back volumes.

*** Book bank**

Central Library is utilizing Social welfare Book Bank Scheme for ST students granted by state Govt. to provide books.

As part of this scheme 200 books available for issue ST students exclusively. This section is located in the ground floor opposite to the Digital Library.

* **Question bank**

Previous Question papers of the affiliated university and other university and available for the information of the student.

Both print and e-format question banks are available for I–IV BDS as well as for MDs of all specialties

4.3.4 To what extent is ICT deployed in the library? Give details with regard to

* **Library automation**

The LRC (Learning Resource Center) services are automated through a software program called **LIBRARY INFORMATION SYSTEMS (LIS)**, Designed & DEVELOPED BY OUR COLLEGE SOFTWARE TEAM. The LIS has the Online Publication Access Catalogue (OPAC) module for easy access to the LRC material.

* **Total number of computers for general access** 50

* **Total numbers of printers for general access** 02

* **Internet band width speed** □ 2mbps □ √ 10 mbps □ 1 GB

* **Institutional Repository**

* **Content management system for e-learning**

* **Participation in resource sharing networks/consortia (like INFLIBNET)**

4.3.5 Give details of specialized services provided by the library with regard to

* **Manuscripts**

We are assisting staff members and scholars to cite their articles in leading publication index.

All the Manuscripts provide by staff and scholars are preserving in digital format and dismantling the users.

* **Reference**

About 30 % of total books are reference books; dictionaries, encyclopedia etc. are available.

* **Reprography / scanning**

Central library provides photocopying and printing services to enable users to have the resource Xerox copies of their own. This section has one RICOH Multifunctional Machine through which the services of Photocopy, Scanning and Printing to the users with nominal charges of Rs.0.25/- per copy.



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* **Inter-library Loan Service**

We are committed to provide state - of - the art education to the users. So we have become member of DELNET (Developing Library Network) for sharing resources.

* **Information Deployment and Notification**

Central Library provides information display and notification service to enable students to get awareness regarding Current Affairs, Employment Opportunities and Competitive Exams. We are also displaying University and college updates.

* **OPACS**

The OPAC module provides access to the Central Library reading list and bibliography. Users can get information through this facility searching by Author, by Title and by Accession number wise

* **Internet Access**

The Central Library provides internet access of 10 Mbps 1:1(leased line) band width. In the Digital Library, users can browse, download and print online resources during 09:00 am to 09:00 pm. Total no. of computers available in Digital Library is 50. Digital Library is located in the ground Floor of the central library

* **Downloads**

Students and faculty members' queries related to downloading content are handled by the LRC's concerned technical staff, and resolution provided on a need basis.

* **Printouts**

Yes, the printouts generated through the photocopy section.

* **Reading list/ Bibliography compilation**

The OPAC module provides access to the LRC's reading list and bibliography Compilation.

* **In-house/remote access to e-resources**

We are providing remote access with in the campus to access the library resources.

*** User Orientation**

Central Library conducts user Orientation and Information Literacy programs for staff and students every year. This program enables users to get first-hand information regarding library services, resources and its utilization.

*** Assistance in searching Databases**

Reference services and referral services are providing to all users by Library staff.

*** INFLIBNET/HELINET**

We are committed to provide state of the art facilities to cater the needs of the users. So we have become member of NTRMEDNET Consortium for e-Journals

4.3.6 Provide details of the annual library budget and the amount spent for purchasing new books and journals.

| <u>Year</u> | <u>Budget Allocated</u> | <u>Budget utilized</u> |
|-------------|-------------------------|------------------------|
| 2011 | 2500000 | 2297610 |
| 2012 | 3000000 | 2554527 |
| 2013 | 3000000 | 2509154 |
| 2014 | 3000000 | 2963495 |
| 2015 | 3000000 | 2925278 |

| <u>Year</u> | <u>Books</u> | <u>Amount</u> |
|-------------|--------------|---------------|
| 2011 | 240 | 449615 |
| 2012 | 180 | 341092 |
| 2013 | 21 | 82635 |
| 2014 | - | - |
| 2015 | - | - |

| <u>Year</u> | <u>Journals</u> | <u>Amount</u> |
|-------------|-------------------------|---------------|
| 2011 | 62+NTRMEDNET Consortium | 1847995 |
| 2012 | 63+NTRMEDNET Consortium | 2213435 |

| | | |
|------|-------------------------|---------|
| 2013 | 66+NTRMEDNET Consortium | 2426519 |
| 2014 | 66+NTRMEDNET Consortium | 2963495 |
| 2015 | 63+NTRMEDNET Consortium | 2925278 |

4.3.7 What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?

The feedback committee under IQAC has designed feedback forms for library users. These library user feedbacks are collected from students faculties and the visitors of the library. The forms are analyzed from the analysis output appropriate actions are initiated. The library advisory committee which meets periodically reviews the performance of the library in fifty pre identified parameters.

4.3.8 List the efforts made towards the infrastructural development of the library in the last four years.

Touch screen facilities and E-learning boards are displayed across the library ramp and wheel chair facilities provided and online books and user awards initiated

- 30 New computer systems along with new furniture for the internet labs have been purchased
- CCTVs with cameras and T.V. screen to monitor the movements of the users have been installed.
- Biometric system adopted to record user information and to restrict only authorized persons to use.
- New AC machines for the library complex have been purchased and installed. Numbers of power points for connecting laptops are given in the library
- Library is Wi-Fi enabled new racks for library counters for storing records and files.
- Expanding journal area to accommodated new journals and back log journals.

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4.4 IT Infrastructure

4.4.1 Does the institution have a comprehensive IT policy with regard to:

IT Service Management

- **Dental Hospital Management System(DHMS)**

A hospital information system is an element of health informatics that focuses mainly on the administrative needs of hospitals. It has the wide variety of reports for analysis and is integrated to Lab Information system and Radiology information system that can be used by the doctors in their OP desk and nursing stations. This will avoid the delay in treatment.

- **Student Information System**

Student management system is a management information system for education establishments to manage student data. Student Information Systems (often abbreviated as SIS systems) provide capabilities for entering results of student test and other assessment scores, build student schedules, track student attendance, and manage many other student-related data needs in a college.

- **Library Information system**

Health science professionals depend heavily on access to varied information resources to make intelligent and informed choices for education, patient care management and research protocols. Library management system provides all the necessary information about all the books.

- **Biometric management system**

The Biometric management system is a professional fingerprint access and time attendance control system. It uses fingerprint instead of card system for access. It allows us to capture the real time attendance.

- * **Information Security**

- **LAN Protection Software**

LAN Protection Software used to restrict unauthorized user access. Software used high secured password policy. User Privileges applied

- * **Network Security**

Network Security is an organization's strategy and provisions for ensuring the **security** of its assets and of all **network** traffic. **Network security** is manifested in an implementation of **security** policy, hardware, and software.

- * **Risk Management**

- Daily Backup to Remote servers
- Daily backup to Tapes

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- Weekly Backup to Tapes
- Using NAS drives for backup
- Using Fireproof boxes for storage
- * **Software Asset Management**
- Software Asset management is using to immediate stock and vulnerability details.
- * **Open Source Resources**
- **OS ticket**
- Open source software using to raise and solve the tickets from the clients. It seamlessly routes inquiries created via email, web-forms and phone calls into a simple, easy-to-use, multi-user, web-based customer support platform.
- **Green Computing.**
- NAS boxes using for low power usage.
- Paperless Hospitality services.

4.4.2 How does the institution maintain and update the following services?

- * **Hospital Management Information System (HMIS)**
- * **Electronic Medical Records System (EMR)**
- * **Digital diagnostic and imaging systems including PACS**
- Using PACS for doctors and students to view the patient CR,CT,MR,US images.
Give details of the institution's computing facilities i.e., hardware and software.
- * **Number of systems with individual configurations**
- 60 PC with following configuration
- 30 Dual Core 1GB Ram with 500GB HDD, 18.5 TFT MONITER.
- 20 Dual Core 2 GB Ram with 500GB HDD, 18.5 TFT MONITER.
- 10 i3 2GB Ram with 1 TB HDD, 18.5 TFT MONITER.
- * **Computer-student ratio -1:2**
- * **Dedicated computing facilities**

○ E-Journal access to students

An electronic journal is a periodical publication which is published in electronic format, usually on the Internet. Electronic journals have several advantages over traditional printed journals: You can search the contents pages and/or the full text of journals to find articles on a certain subject. We procured journal from NTRMEDNET consortium i.e

Pro-quest and ebscohost . using userid and password they are facilitating students to access e-journals.

- * **LAN facility**
- Manageable switches used for bandwidth consuming clients
- Cat-6 LAN cables are used for high reliability in operation

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- UTM filtered data for more secured and robust network
- * **Wi-Fi facility**
- Bandwidth 100 mbps leased line 1:1 dedicated
- Open to all students and staff 24x7
- Uninterrupted service provided
- High end equipment's used for least downtime.
- * **Proprietary software**
- Licensed operating system, application software, anti-viruses
- * **Number of nodes/ computers with internet facility**
- 60 Nodes
- * **Any other (specify)**

4.4.4 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities

we will add up all the facilities to provide more and more access to the teaching aids like, video class rooms, on line lectures, on line communications, use of cloud computing, automation of lecture methods etc.

- Planned for High-end UTM box
- Smoke Detectors, Climate and temperature control devices in server room

4.4.5 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching-learning and research.

- Using MEDRC eLearning online courses helps students, practicing professionals acquire in-depth knowledge across diverse and inter-disciplinary life sciences topics making them more valuable.

4.4.6 What are the new technologies deployed by the institution in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?

- Smart Class Room to nearly all departments
- Fiber net connectivity to reach all students and teachers

4.4.7 What are the IT facilities available to individual teachers for effective teaching and quality research?

- Smart Class Room

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- LCD Projectors
- Computers / 1 Laptop to each
- Department for teachers
- Internet facility up to smart class room
- Internet facility to tables of teachers
- Free access to many International & National Journals through Infilibnet

4.4.8 Give details of ICT-enabled classrooms/learning spaces available within the institution. How are they utilized for enhancing the quality of teaching and learning?

- Using MEDRC eLearning online courses Nearly all departments are Equipped with 1 or more Smart Class Rooms with IT facilities

4.4.9 How are the faculty assisted in preparing computer-aided teaching-learning materials? What are the facilities available in the institution for such initiatives?

- Faculty in the department is having computer operator

4.4.10 Does the institution have annual maintenance contract for the computers and its accessories?

In house Maintenance

4.4.11 Does the institution avail of the National Knowledge Network (NKN) connectivity? If so, what are the services availed of?

- NO

4.4.12 Does the institution avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

4.4.13 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the institution.

Annual budget provided for enhancing the resources is 20 lakhs (Approx.)

4.4.14 What plans have been envisioned for the transfer of teaching and learning from closed institution information network to open environment?

By providing secure access to individual authenticated persons to gather information anywhere by keying in the credentials provided to them .they can access our online

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information system through web applications and mobile application. Based on the information access secure access provided by authenticating users with otp generated by us. This allows us to interchange information in real time in a more efficient manner.

4.5 Maintenance of Campus Facilities

4.5.1 Does the institution have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

The campus has a designated estate officer who maintains the campus to meet the stakeholders needs. The buildings, class rooms, laboratories, are maintained by estate office. Few of the campus maintaining initiatives under taken are-repairing and maintenance of the road, LED bulbs, painting and white washing of the building, displaying of sign boards, and up-gradation of council hall.

4.5.2 How are the infrastructure facilities, services and equipments maintained? Give details.

For maintenance of campus few of the need based services are outsourced the college has its own workshops to meet the infrastructure maintenance skilled staff. The institution buildings are insured

4.5.3 Has the institution insured its equipments and buildings?

Yes the buildings are insured

Any other information regarding Infrastructure and Learning Resources which the institution would like to include.

**Criterion - V: Student
Support and Progression**

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5.1 Student Mentoring and Support

5.1.1 Does the institution have a system for student support and mentoring? If yes, what are its structural and functional features?

The college has constituted students mentorship and counseling committee. This committee has maintained mentor mentee list; the mentee wise meetings are conducting to know their performance. In mentorship physical, mental, spiritual, social wellbeing is monitored and appropriate support is provided.

5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?

Apart from class interactions mentor-mentee interactions, counseling by teachers and counseling by behavioral cell are made available.

The students are provided one-on-one tutoring, when ever required. Example, some of the slow-learners have been provided after-hours tutoring in the Departments of Anatomy and Oral Pathology/Dental Anatomy

5.1.3 Does the institution have any personal enhancement and development schemes such as career counseling, soft skills development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

The institution provides oral personality development sessions, and facilitates bank loan facilities. Career counseling, soft skill development facilities are provided. The language lab meets the necessary bridge courses for learners. An Orientation Programme is organised for every new batch of I BDS students. As part of this, lectures are organised by spiritual experts on how to focus in one's profession; in addition, as part of the lectures, the college's consultant psychiatrist provides tips on stress management and coping with studies. Other "well-being" lectures have also been conducted in the college.

5.1.4 Does the institution have facilities for psycho social counseling for students?

Yes, the college has established behavioral cell with competent psycho social personnel heading the unit.

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5.1.5 Does the institution provide assistance to students for obtaining educational loans from banks and other financial institutions?

Yes, the college allows various banks to display their education loan schemes for potential application by students and their family. The students are directed to the college's 'partner bank' for additional information and schemes on the same. Furthermore, the college provides a break-up of the fee and other expenditures involved in undergraduate and graduate studies so that students may apply for loan at a bank of their choice. In addition, banks enquire with the college for verification and the college furnishes a 'bonafied' certificate which assist the students in their loan application

5.1.6 Does the institution publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

The college publishes updated prospectus and student handbook annually. These manuals contain necessary information needed for the learners. The information such as academic calendar, refund of caution money, the list of holidays, monthly schedule, details of IQAC, disciplinary rules of the institution, library and hostel.

5.1.7 Specify the type and number of institution scholarships / freeships given to the students during the last four years. Was financial aid given to them on time? Give details. (in a tabular form)

The institution arranges for Government free ships and scholarships. The management also provides financial assistance to four and meritorious students. Financial support is provided to poor students, depending on their economic background. In the preceding five years, several students have been beneficiaries of financial concessions and exemptions—in relation to the course fee as well as other expenditures such as on-campus hostel fee.

State Govt. Scholarship.. Details as Follow

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| Year | OC | SC | ST | OBC | TOT |
|------|----|----|----|-----|-----|
| 2011 | 32 | 31 | 15 | 50 | 128 |
| 2012 | 36 | 26 | 12 | 48 | 122 |
| 2013 | 45 | 27 | 15 | 51 | 138 |
| 2014 | 43 | 25 | 8 | 44 | 120 |

5.1.8 What percentage of students receive financial assistance from state government, central government and other national agencies?

20%

5.1.9 Does the institution have an International Student Cell to attract foreign students and cater to their needs?

Yes, however no such students available in the campus.

5.1.10 What types of support services are available for

- * **overseas students** - All the services are equally available to overseas students
- * **Physically challenged / differently-abled students**- necessary facilities are provided across the campus and campus is specially abled friendly.
- * **SC/ST, OBC and economically weaker sections** – All the facilities as per the regulatory guidelines are provided for these three sections.
- * **students participating in various competitions/conferences in India and abroad**- Necessary financial support is provided
- * **Health centre, health insurance etc.** – Both medical and dental colleges are located in the same campus. The healthcare services are provided free of cost to students, faculties and non teaching staff, only medicines costs are charged. Students are covered under health insurance.
- * **Skill development (spoken English, computer literacy, etc.)**- The college has the language lab on the campus and the learned faculty deal with language lab.
- * **Performance enhancement for slow learners**.- Subject wise slow learners identified, necessary actions initiated including home assignments, discussion of question papers, special classes, mock exams, etc.

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* **Exposure of students to other institutions of higher learning/ corporate/business houses, etc.** – Students participate in academic deliberations of higher learning such as, seminar symposium and minor research

* **Publication of student magazines, newsletters.** - The college publishes college magazines, and newsletters. Health care awareness magazines are published by the management.

* **Publication of student magazines, newsletters.** - The students collect relevant material and information for publication and also contribute articles, short stories, poems, and summary of events.

5.1.11 Does the institution provide guidance and/or conduct coaching classes for students appearing for competitive examinations (such as USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS)? If yes, what is the outcome?

The college conducts coaching classes for PG entrance examinations

5.1.12 Mention the policies of the institution for enhancing student participation in sports and extracurricular activities through strategies / schemes such as

* **Additional academic support and academic flexibility in examinations-**

The college strongly encourages student's participation in sports and cultural activities and has separate committees which monitor these activities. Appropriate additional academic support and flexibility in internal assessment examinations are provided. Students involved in sport, cultural and other extra-curricular activities are provided attendance for theory/practical sessions missed; in the event such students miss internal examinations, separate examinations are conducted.

* **special dietary requirements, sports uniform and materials**

The college has student council which participates actively in such activities. The college has identified different team for the sports activities and provide uniforms, coaching, travel allowances, incentives, for participating in inter-university events. Kits and allied Sports uniforms are provided by the college to students for their use in sport competition participation, cultural activities and other extra-curricular activities. Dietary supplements such as fresh fruits, glucose, and oral rehydration salts are also provided during the course of a game.

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*** any other (specify)**

The top achievers of cultural and sports events are provided with cash incentives, prizes and recognitions.

Institution provides all related sports equipments, infrastructure, classes and clinical adjustments. At the undergraduate level, the creation of General Dentistry for providing students training in the delivery of comprehensive dental care, with multi-specialty faculty supervision.

5.1.13 Does the institution have an institutionalized mechanism for student placement? What are the services provided to help students identify job opportunities, prepare themselves for interviews, and develop entrepreneurship skills?

The college has placement cell with students represented in the cell. Placement cell provide information on career path notifications. Placement cell also conducts two days workshops on how to start practice and be successful sessions during internship. Entrepreneurship skill, personality development sessions, interview attending skills are provided. At the undergraduate level the creation of general dentistry for providing the student training in the delivery of comprehensive dental care with multi-speciality faculty supervision.

5.1.14 How does the institution provide an enriched academic ambience for advanced learners?

The college conducts varied academic activities and provides innovative learning experiences regularly on the campus. Frequently journal clubs, guest speakers, continuing dental education sessions, workshops, research methodology sessions are provide an academic ambience of excellence. The year wise dropout percentage data is maintained, necessary steps to reduce the dropout rates are increase the pass percentage are initiated.

5.1.15 What percentage of students drop-out annually? Has any study been conducted to ascertain the reasons and take remedial measures?

0-2%. 1. Nimmala Mounika (2012-2013 batch)

| | | |
|-----------------------|---|-----------------|
| 2. Devarakonda Naveen | } | 2011-2012 batch |
| 3. Mude Sangeetha | | |

| | | |
|---------------------------|---|-----------------|
| 4. Bandi Ashwath | } | 2010-2011 batch |
| 5. Chinnam Venkanna babuv | | |

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- | | | |
|--|----------------------------------|------------------------|
| <p>6. Garikapati Thabitha</p> <p>7. Kopparthi Reshma</p> <p>8. Niddavolu Venkata sai</p> | <p style="font-size: 3em;">}</p> | <p>2010-2011 batch</p> |
|--|----------------------------------|------------------------|

5.1.16 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).

Such facility of campus interviews is not applicable to this profession.

5.1.17 Does the institution have a registered Alumni Association? If yes, what are its activities and contributions to the development of the institution?

The college has registered alumni association and alumni conducts meet once in a year. Academic development and get together of alumni and participation in institution development are the few such activities.

5.1.18 List a few prominent alumni of the institution.

Dr.Kona Vamsi Krishna – Selected for IPS in 2014

Dr.Sreekanth Kumar Mallineni – did his MDS in Hong Kong

Dr.CV.Sreekanth -2003 batch- did his DDS in USA and Practicing there

Dr.Praneetha Vallamreddy – 2004 batch- did her DDS and Practicing in USA

Dr.T.Vishnu Priya – 2005 batch- Australia- Practicing in Australia after IQA exam

Dr.CV.Murthy –Practicing in Australia after MDS in Prosthodontics-

Dr.Sai Pratheeka – doing her DDS in USA

Dr.Pattabhi Pawan Kumar Sidha- did his MBA in HA and now doing his DDS

Dr.Deepthi – Practicing in USA

5.1.19 In what ways does the institution respond to alumni requirements?

The college conducts professional development activities during their annual meet.

The college does contact with the alumnu and provides them with a platform for continual education serves the dentistry positively. Therefore, it organises CDE programmes as part of the biannual alumni meet with a view to provide dental and professional update

5.1.20 Does the institution have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

The college has grievous redressal cell and this committee openly discusses once in 6 months the grievances of the students. The genuine grievances heard are rectified instantly. Few such solutions implemented are e-learning board, specially abled facilities, games and sports facilities in front of the ladies hostel, battery operated eco-friendly car and improvement in canteen facilities.

5.1.21 Does the institution promote a gender-sensitive environment by (i) conducting gender related programs (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

The college has provided gender sensitive environment. The women empowerment cell and the SHE committee deal with the issue related to women, international women day celebrated

5.1.22 Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

Yes, no ragging incidence on the campus. The college prominently displays notices and circulars defining ragging, highlighting the prohibition of ragging, its designation by the state as an offence, and the penalties incurred if convicted of ragging, giving due reference to various sections of the law and university directives.

5.1.23 How does the institution elicit the cooperation of all its stakeholders to ensure the overall development of its students?

Few of the stakeholders participate in governance of the institution. Many stakeholders are represented on different committees of internal quality assurance cell. Students, alumni, parents, NGO's participate through feedback mechanism and during college annual meet.

5.1.24 How does the institution ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

Equal opportunities are provided for female students to participate in student activities such as, sports, cultural activities. The sporting events are categorised separately for males and

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females, ensuring a level playing field for the latter in some of the more physically intensive sporting events. This encourages wide-spread participation of women in the sporting arena.

5.1.25 Does the institution enhance the student learning experience by providing for rotation from the teaching hospital to the community and district hospital during the internship period?

During the internship students are posted to different departments including the satellite centres to offer wide learning experiences. The college regularly conducts extension activities of which students and faculty members are part of; these activities serve the underserved in unconventional and out-of-the-routine settings and, in the process, enables students an enhanced learning experience. Also interns from multiple departments are formally deputed to the extension activities so as to ensure sufficient dentist manpower to cater to the community needs during any given programme

5.1.26 Does the institution have immunization policy for its students and staff?

Yes.

5.1.27 Does the institution give thrust on students growth in terms of:

Physical development, - Yes provided stadium, indoor and outdoor game facilities, and physical doctor. The college regularly updates its recreational, sport and fitness infrastructure. Also, the dining facility on-campus provides nutritious and healthy meals thrice a day.

* **Emotional control-** Yes, behavioural cell and counseling is present. Consultant psychiatrist offeres Lectures and counselling

who visits the college once every week, as well as counselling provided by faculty members contributes to emotional control of students

* **Social dimension and-** Cultural activities and institutional social responsibilities are initiated on the campus. The extension activities of the college, as well as the diverse outreach programmes organised, contribute to producing graduates who are empathetic and socially aware of the oral health needs in particular, and necessities in general, of disadvantaged segments of the society

* **Spiritual growth.** - Yoga centre is present on the campus and spiritual guest lecture are initiated. Lectures conducted by the ISKCON and the Navaratri festival have a spiritual bend and potentially contributes to spiritual growth of students

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5.2 Student Progression

5.2.1 What is the student strength of the institution for the current academic year? Analyze the Program-wise data and provide the trends (UG to PG, PG to further studies) for the last four years.

Student strength of the current year UG- 487, PG-125, **TOTAL- 612**

PG (MDS)

| YEAR | MALE | FEMALE | SAME STATE | OTHER STATE | PH- (Physically Handicap) | SC/ST-OBC | TOTAL |
|------|------|--------|------------|-------------|---------------------------|-----------|-------|
| 2012 | 14 | 17 | 31 | - | - | 10 | 31 |
| 2013 | 22 | 19 | 41 | - | - | 18 | 41 |
| 2014 | 17 | 24 | 39 | 2 | - | 23 | 41 |
| 2015 | 21 | 22 | - | - | - | 23 | 43 |

UG (BDS)

| YEAR | MALE | FEMALE | SAME STATE | OTHER STATE | PH- (Physically Handicap) | SC/ST-OBC | TOTAL |
|------|------|--------|------------|-------------|---------------------------|-----------|-------|
| 2012 | 21 | 79 | 44 | - | - | 56 | 100 |
| 2013 | 16 | 84 | 53 | 1 | - | 46 | 100 |
| 2014 | 18 | 82 | 45 | 1 | - | 54 | 100 |
| 2015 | 22 | 78 | - | - | - | 44 | 100 |

5.2.2 What is the number and percentage of students who appeared/qualified in examinations for Central / State services, Defense, Civil Services, etc.?

More than 100 students have qualified in the entrance examination for post graduate courses and perusing MDS course.

One student passed civil service examination

5.2.3 Provide category-wise details regarding the number of post graduate dissertations, Ph.D. and D.Sc. theses submitted/ accepted/ rejected in the last four years.

Year : 2015-16

| Sl.No | NAME OF THE GUIDE | NAME OF THE STUDENT | DISSERTATION TOPIC |
|-------|----------------------------------|--|---|
| 1 | Dr. P. MAHESH Professor & HOD | Dr.Keerthi Sasanka L Prosthodontics & Crown and Bridge | EVALUATION OF THE EFFECT OF PEIZOELECTRIC ULTRASONIC SCALING ON CERAMIC POLISHED SURFACES IN DIFFERENT FREQUENCIES- AN INVITRO SEM STUDY. |
| 2 | Dr. P. MAHESH Professor & HOD | Dr.Chandrakant h Yaram Prosthodontics & Crown and Bridge | EVALUATION OF THE CENTER OF ANTERIOPOSTERIOR CURVE OF OCCLUSION BASED ON THE FACIAL INDEX - A CEPHALOMETRIC INVIVO STUDY. |
| 3 | Dr.P.SRINIVASA RAO Professor | Dr.Mulam Sai Swetha Prosthodontics & Crown and Bridge | EFFECT OF PROBIOTICS ON DIFFERENT SURFACE COATINGS OF TISSUE CONDITIONER EVALUATED FOR CHANGE IN PHYSICAL,MECHANICAL AND MICROFLORAL STRUCTURE IN DIFFERENT INTERVALS OF TIME: AN IN VIVO STUDY |

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| 4 | Dr.T.PAVAN KUMAR Reader | Dr.Pradeep Kumar.G Prosthodontics & Crown and Bridge | EVALUATION OF THE BOND STRENGTH BETWEEN PORCELEAN AND RECASTED BASE METAL ALLOY. |
| 5 | Dr.V.H.C. KUMAR Reader | Dr.Gummadi Sai Lakshmi Prosthodontics & Crown and Bridge | EVALUATION OF OCCLUSAL PLANE INCLINATION BY USING VARIOUS FACE BOW SYSTEMS : AN IN VIVO STUDY |
| 6 | Dr.V.DILEEP NAG Reader | Dr.Praneeth Gaurav Uyyala Prosthodontics & Crown and Bridge | COMPARISON OF VERTICAL DIMENSION OF OCCLUSION DETERMINED USING LATERAL PROFILE PHOTOGRAPHS AND CEPHALOMETRICS - A RANDOMIZED CLINICAL TRIAL |
| 7 | Dr. VIJAY KUMAR CHAVA Professor & HOD | Dr.S Sreenivasa Rao Periodontology | EFFECT OF PHASE-I THERAPY ON SERUM RESISTIN LEVELS IN ACUTE MYOCARDIAL INFARCTION PATIENTS ASSOCIATED WITH CHRONIC PERIODONTITIS |
| 8 | Dr. VIJAY KUMAR CHAVA Professor & HOD | Dr.Saipriya .S Periodontology | EVALUATION BETWEEN CORONALLY ADVANCED FLAP AND PERIOSTEUM EVERSION TECHNIQUE FOR MILLER'S CLASS-II GINGIVAL RECESSION – A COMPARATIVE CLINICAL STUDY |
| 9 | Dr. B.V.RAMESH REDDY Professor | Dr.Shaik Hyder Ali Periodontology | EVALUATION OF GINGIVAL RECESSION DEFECTS TREATED WITH MODIFIED CORONALLY REPOSITIONED FLAP WITH AND WITHOUT PLATELET RICH FIBRIN – A COMPARATIVE CLINICAL STUDY |
| 10 | Dr. B.V.RAMESH REDDY Professor | Dr.Anusha.D Periodontology | ESTIMATION OF SALIVARY LACTOFERRIN IN CHRONIC |

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| | | | PERIODONTITIS ASSOCIATED WITH TYPE -2 DIABETES MELLITUS:A CLINICO-BIOCHEMICAL STUDY |
| 11 | Dr.N.SREENIVAS Reader | Dr.Mallineni Sahana Periodontology | ANTIMICROBIAL PHOTODYNAMIC THERAPY AS AN ADJUNCT TO NON-SURGICAL TREATMENT OF CHRONIC PERIODONTITIS: A SPLIT MOUTH RANDOMISED CONTROLLED TRIAL |
| 12 | Dr. N.SIVAKUMAR Professor & HOD | Dr.Rajasekhar Srinitya Paedodontics & Preventive Dentistry | COMPARATIVE EVALUATION OF PAST INJECT, CAPILLARY TIPS AND DISPOSABLE NEEDLE OBTURATION TECHNIQUES IN PRIMARY MANDIBULAR MOLARS -A RANDOMIZED CLINICAL TRIAL |
| 13 | Dr. N.SIVAKUMAR Professor & HOD | Dr.Gummalla Siva Pavan Kumar Paedodontics & Preventive Dentistry | EVALUATION OF ORAL HEALTH STATUS, DENTAL CARIES PREVALENCE, ASSOCIATED TRAUMA DUE TO SEIZURES IN CHILDREN WITH EPILEPSY: A DESCRIPTIVE CROSS SECTIONAL STUDY. |
| 14 | Dr. S.V.S.G. NIRMALA Professor | Dr.Shaik Inthihas Paedodontics & Preventive Dentistry | CLINICAL AND RADIOGRAPHIC SUCCESS OF THREE ADHESIVE RESTORATIVE MATERIALS IN PRIMARY MOLAR PROXIMAL LESIONS: A RANDOMIZED CLINICAL TRIAL |
| 15 | Dr.V.YAMINI Professor | Dr.A. Divya Paedodontics & Preventive Dentistry | EFFECTIVENESS OF DISC SYSTEM TO MOTIVATE CHILDREN IMPROVE THEIR ORAL HEALTH: |

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| | | | AN EDUCATIONAL INTERVENTIONAL STUDY |
| 16 | Dr.K.Rekha Lakshmi Reader | Dr.Putta Sai Sahiti Paedodontics & Preventive Dentistry | EVALUATION OF A MODIFIED APPROACH IN PULPECTOMY USING CURCUMA LONGA (TURMERIC) POWDER ON PRIMARY MOLARS: A RANDOMIZED CLINICAL TRIAL |
| 17 | Dr.D.SATHYA KUMAR Professor & HOD | Dr.Bootla Rajendra Prasad Oral & Maxillofacial Surgery | COMPARATIVE EVALUATION OF TITANIUM LOCKING MINIPLATES AND CONVENTIONAL TITANIUM MINIPLATES IN THE FIXATION OF UNFAVOURABLE MANDIBULAR ANGLE FRACTURES |
| 18 | Dr.D.SATHYA KUMAR Professor & HOD | Dr.Chintala Kartheek Oral & Maxillofacial Surgery | EVALUATION OF PFEIFER'S TECHNIQUE VS MILLARD'S TECHNIQUE IN PRIMARY UNILATERAL CLEFT LIP REPAIR-A COMPARATIVE STUDY |
| 19 | Dr.R.V.KISHORE KUMAR Professor | Dr.Harish .YS Oral & Maxillofacial Surgery | A COMPARATIVE STUDY OF BONE MARROW ASPIRATE VS BONE MARROW ASPIRATE CONCENTRATE COATED HYDROXYAPATITE FOR RECONSTRUCTION OF MAXILLO MANDIBULAR OSSEOUS DEFECTS |
| 20 | Dr.R.V.KISHORE KUMAR Professor | Dr.Sanikommu Ramesh Reddy Oral & Maxillofacial Surgery | SCALPEL VS ELECTROCAUTERY INCISION FOR MANDIBULAR THIRD MOLAR SURGERY-A COMPARATIVE STUDY |
| 21 | Dr.G.RAJASEKHAR Reader | Dr.Y.Bhargav Oral & Maxillofacial Surgery | EVALUATION OF IMMEDIATE IMPLANT PLACEMENT AFTER ATRAUMATIC TOOTH EXTRACTION WITH PHYSICS FORCEPS |

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| 22 | Dr.VANDANA RAGHUNATH.G Professor & HOD | Dr.R.Suma Kalyani Oral Pathology & Microbiology | ASSESSMENT OF SERUM & SALIVARY ADIPONECTIN LEVELS IN NEWLY DIAGNOSED TYPE-II DIABETES MELITUS PATIENTS |
| 23 | Dr.VANDANA RAGHUNATH.G Professor & HOD | Dr.Dasari Ramya Oral Pathology & Microbiology | ASSESSMENT OF SERUM & SALIVARY RESISTIN LEVELS IN NEWLY DIAGNOSED TYPE-II DIABETES MELITUS PATIENTS |
| 24 | Dr. B.AJAY REGINALD Professor | Dr.Naveen Kumar.P Oral Pathology & Microbiology | ASSESSMENT OF CYTOGENETIC DAMAGE IN FLEXOGRAPHIC WORKERS: MICRONUCLEUS ASSAY IN EXFOLIATED BUCCAL CELLS |
| 25 | Dr.N.KANNAN Professor & HOD | Dr.Nellore Bhargavi Oral Medicine & Radiology | EVALUATION OF DIAGNOSTIC UTILITY OF DOUBLE TMJ VIEW IMAGING IN THE DIAGNOSIS OF TMJ DISORDERS. |
| 26 | Dr.KHALIL KURIAN Professor | Dr.Yendluru Mercy Sravanthi Oral Medicine & Radiology | COMPARATIVE EVALUATION OF EFFICACY OF PROBIOTICS WITH TETRACYCLINE MOUTH WASH VERSUS TETRACYCLINE MOUTH WASH IN THE MANAGEMENT OF RECURRENT APHTHOUS STOMATITIS: A RANDOMIZED CLINICAL TRIAL. |
| 27 | Dr.RAKESH KUMAR.M Reader | Dr.P.Havilah Oral Medicine & Radiology | ASSOCIATION BETWEEN TYPE II DIABETES MELLITUS AND ORAL LEUKOPLAKIA : A CROSS SECTIONAL STUDY |
| 28 | Dr.KV.SUNEEL KUMAR Reader | Dr.Sudeepthi Pulimi Oral Medicine & Radiology | TO EVALUATE THE EFFICACY OF LYCOPENE VERSUS LYCOPENE & CURCUMIN IN THE MANAGEMENT OF ORAL SUBMUCOUS |

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| | | | FIBROSIS, A RANDOMIZED CLINICAL TRIAL |
| 29 | Dr.PV.SARATH Reader | Dr.Shaik Bepari Aneesa Nasreen Oral Medicine & Radiology | COMPARISON OF TRANSCUTANEOUS ELECTRIC NERVE STIMULATION (TENS) & ARTIFICIAL SALIVA VS ARTIFICIAL SALIVA ON SALIVARY FLOW RATE IN RADIATION INDUCED XEROSTOMIA PATIENTS: A RANDOMIZED CLINICAL TRIAL. |
| 30 | Dr.B.SWAPNA SRIDEVI Reader | Dr.Adarsh Anumula Oral Medicine & Radiology | A COMPARATIVE EVALUATION OF PLASMA AND SALIVARY GLUCOSE LEVELS WITH GLUCOSE TOLERANCE TEST (GTT) AMONG PATIENTS WITH AND WITHOUT TYPE 2 DIABETES MELLITUS. |
| 31 | Dr. K. MADHUSUDHANA Professor & HOD | Dr.Ramchowdar y Basam Conservative Dentistry & Endodontics | A RANDOMISED CLINICAL TRIAL EVALUATING POST OPERATIVE PAIN IN SINGLE VISIT ROOT CANAL THERAPY USING PROTAPER NEXT AND MANI SILK ROTARY SYSTEMS |
| 32 | Dr. K. MADHUSUDHANA Professor & HOD | Dr.P.Sriharsha Conservative Dentistry & Endodontics | EFFECT OF FOUR DIFFERENT MOUTH RINSES ON MICRO HARDNESS OF NANO HYBRID COMPOSITE RESTORATIONS -AN INVITRO STUDY |
| 33 | Dr.A.SWAROOP KUMAR REDDY Professor | Dr.Mungara Niharika Conservative Dentistry & Endodontics | CLINICAL EVALUATION OF CLASS I POSTERIOR RESTORATIONS RESTORED WITH SMART DENTIN REPLACEMENT MATERIAL IN BULK FILL AND INCREMENTAL LAYERING TECHNIQUE – ONE YEAR RANDOMIZED CLINICAL TRIAL |

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| 34 | Dr.A.LAVANYA Reader | Dr.Nelapati Haritha Conservative Dentistry & Endodontics | EFFECT OF PHYTIC ACID AS ROOT CANAL IRRIGANT ON PENETRATION DEPTH OF SEALERS INTO DENTINAL TUBULES: A CONFOCAL MICROSCOPIC STUDY |
| 35 | Dr.SUNEEL CHINNI Reader | Dr.P.Harshala Conservative Dentistry & Endodontics | COMPARISION OF FRACTURE RESISTANCE OF TEETH RESTORED WITH AMALGAM DIRECT AND INDIRECT COMPOSITIES: AN IN VITRO STUDY |
| 36 | Dr.MANDAVA PRASAD Professor & HOD | Dr.Palavalli Bhavya Orthodontics & Dentofacial Orthopedics | EVALUATION OF SELF PERCEIVED PSYCHOSOCIAL IMPACT OF DENTAL ESTHETICS ASSOCIATED WITH MALOCCLUSION ORAL HEALTH RELATED QUALITY OF LIFE AND BODY SELF IMAGE IN ADOLESCENTS AND ADULTS |
| 37 | Dr.MANDAVA PRASAD Professor & HOD | Dr.Aslam Tariq Mohammed Orthodontics & Dentofacial Orthopedics | AN INVESTIGATION TO EVALUATE THE RATIOS OF SOLUBLE RECEPTOR ACTIVATOR OF NUCLEAR FACTOR KAPPA B LIGAND (sRANKL) AND OSTEOPROTEGERIN (OPG) IN SALIVA DURING RETRACTION AND RETENTION PHASES OF ORTHODONTIC TREATMENT- AN INVIVO STUDY |
| 38 | Dr.S.GOWRI SANKAR Professor | Dr.B.Prashanth Orthodontics & Dentofacial Orthopedics | A COMPARISON OF DIFFERENT OSTEOTOMY TECHNIQUES IN SURGICALLY ASSISTED MAXILLARY EXPANSION UTILISING HYBRID MAXILLARY EXPANSION DEVICE : A FINITE ELEMENT STUDY |

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| 39 | Dr.S.GOWRI SANKAR Professor | Dr.Unnam Deepthi Orthodontics & Dentofacial Orthopedics | A CEPHALOMETRIC EVALUATION OF SAGITTAL LIP POSITION IN DIFFERENT SKELETAL MALOCCLUSIONS IN SOUTH INDIAN POPULATION |
| 40 | Dr.V.KARUNAKARA REDDY Professor | Dr.A Shyam Prasad Orthodontics & Dentofacial Orthopedics | MANDIBULAR ARCH PERIMETER PREDICTION USING RAMANUJAN'S EQUATION FOR THE ELLIPSE |
| 41 | Dr.V.CHANDRASEKHAR A REDDY Professor & HOD | Dr.Sankepalli Shwetha Public Health Dentistry | EFFICACY OF NANOHYDROXYAPATITE , CPP-ACPF, AND CALCIUM SUCROSE PHOSPHATE ON REMINERALIZATION OF EARLY ENAMEL LESIONS- AN IN VIVO STUDY. |
| 42 | Dr.V.CHANDRASEKHAR A REDDY Professor & HOD | Dr.Veguru Prathyusha Reddy Public Health Dentistry | DENTAL CARIES EXPERIENCE IN RELATION TO BODY MASS INDEX AND ANTHROPOMETRIC MEASUREMENTS OF RURAL CHILDREN OF NELLORE DISTRICT |
| 43 | Dr.K.M.SUDHIR Reader | Dr.Shaik Ijaz Ahmed Public Health Dentistry | IMPACT OF SENSE OF COHERENCE ON ORAL HEALTH IN HEAVY VEHICLE PASSENGER TRANSPORT DRIVERS |

YEAR -2013

| Sl.No | NAME OF THE MDS STUDENT | SUBJECT | TOPIC |
|-------|---------------------------|-----------------------------------|---|
| 1 | Dr.ALLIPURAM MALINI | Prosthodontics & Crown and Bridge | A CEPHALOMETRIC ANALYSIS USING BONY LAND MARKS FOR DETERMINING VERTICAL DIMENSION OF OCCLUSION |
| 2 | Dr.KODURU SAHITHA | Prosthodontics & Crown and Bridge | DETERMINATION OF THE RELATIVE PARALLELISM OF OCCLUSAL PLANE TO THREE ALA-TRAGAL LINES AND ITS CORRELATION TO Y-AXIS - AN INVIVO STUDY |
| 3 | Dr.BANDARU RUPARAMYA | Prosthodontics & Crown and Bridge | INFLUENCE OF CONNECTOR DESIGNS ON STRESS DISTRIBUTION OF IMPLANT SUPPORT ZIRCONIA BASED POSTERIOR FPD IN DIFFERENT BONE DENSITIES UNDER DIFFERENT LOAD APPLICATIONS |
| 4 | Dr.AKKENAGUNTLA GANGADHAR | Prosthodontics & Crown and Bridge | EFFECT OF DIFFERENT SURFACE TREATMENTS ON SHEAR BOND STRENGTH BEWEN ZIRCONIA AND VENEERING CERAMICS-AN INVITROSTUDY |
| 5 | Dr.VARUN REDDY.K | Prosthodontics & Crown and Bridge | AN INVESTIGATION TO EVALUATE THE DIMENSIONAL ACCURACY AND PRECISION OF DIES BY USING DIFFERENT DIE SYSTEM OBTAINED FROM THE CASTS BEFORE |

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| | | | AND AFTER AUTOCLAVING THE IMPRESSION-AN INVITRO STUDY |
| 6 | Dr.ABBASI BEGUM MEER ROWNAQ ALI | Prosthodontics & Crown and Bridge | COMPARISION OF STRESS INDUCED IN MANDIBLE AROUND AN IMPLANT SUPPORTED OVERDENTURE WITH LOCATOR ATTACHMENT AND TELESCOPIC CROWNS-A FINITE ELEMENT ANALYSIS |
| 7 | Dr.VISHNU TEJA. O | Periodontology | THE ASSOCIATION OF STRESS, SALIVARY CORTISOL AND CHRONIC PERIODONTITIS: A CLINICO BIOCHEMICAL STUDY |
| 8 | Dr.MAGUNTA GEETHIKA | Periodontology | EVALUATION OF POMEGRANATE SEED EXTRACT MOUTH WASH FOR DAILY RINSING IN CHRONIC PERIODONTITIS PATIENTS AS AN ADJUNCT TO PHASE I PERIODONTAL THERAPY. |
| 9 | Dr.SHRUTHI NAMBIAR | Periodontology | COMPARISON OF LOCAL APPLICATION OF OZONATED OLIVE OIL AND CHLORHEXIDINE GEL AS AN ADJUNCT TO SCALING AND ROOT PLANING IN THE MANAGEMENT OF CHRONIC PERIODONTITIS- A CLINICO-MICROBIOLOGICAL STUDY |
| 10 | Dr.MANDA PRIYANKA | Periodontology | EVALUTION OF SALIVARY PENTRAXIN-3 IN |

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| | | | CHRONIC PERIODONTITIS ASSOCIATED WITH TYPE 2 DIABETES MELLITUS: A CLINICO-BIOCHEMICAL STUDY. |
| 11 | Dr.RAVI CHANDU KATTA | Periodontology | COMPARATIVE EVALUATION OF GINGIVAL DEPIGMENTATION USING CRYOGEN TETRAFLUOROETHANE AND DIODE LASER TECHNIQUE: A CLINICAL STUDY |
| 12 | Dr.B MADHURI | Paedodontics & Preventive Dentistry | EFFICACY OF PIT AND FISSURE SEALANTS IN FIRST PERMANENT MOLARS – A RANDOMIZED CLINICAL TRIAL |
| 13 | Dr.SAHA ANUPAM | Paedodontics & Preventive Dentistry | COMPARATIVE EFFICACY OF TWO ROTARY TECHNIQUES (HERO SHAPER & PROTAPER) IN MANDIBULAR PRIMARY MOLARS : A RANDOMIZED CLINICAL TRIAL |
| 14 | Dr.SUNNY PRIYATHAM TIRUPATHI | Paedodontics & Preventive Dentistry | COMPARATIVE CARIOSTATIC EFFICACY OF NOVEL NANO SILVER FLUORIDE VARNISH WITH 38% SILVER DIAMINE FLUORIDE VARNISH: A DOUBLE BLIND RANDOMISED CLINICAL TRIAL |
| 15 | Dr.D.RUPAK KUMAR | Paedodontics & Preventive Dentistry | COMPARATIVE EFFICACY OF THREE TOPICAL ANESTHETICS AND THEIR ACCEPTANCE IN CHILDREN AGED |

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| | | | 7-11 YEARS – A RANDOMIZED CLINICAL STUDY. |
| 16 | Dr.AVISA PRIYANKA | Paedodontics & Preventive Dentistry | EFFECTIVENESS OF ACUPRESSURE ON DENTAL ANXIETY IN CHILDREN – A RANDOMISED CONTROLLED CLINICAL TRIAL |
| 17 | Dr.HEMANTH KUMAR.K | Oral & Maxillofacial Surgery | ORBITAL FLOOR RECONSTRUCTION USING TITANIUM MESH VERSUS AUTOGENOUS MANDIBULAR SYMPHYSEAL BONE GRAFT : A COMPARITIVE CLINICAL STUDY |
| 18 | Dr.SEETHA. S | Oral & Maxillofacial Surgery | EVALUATION OF FACIAL SOFT TISSUES AND SKELETAL CHANGES IN ANTERIOR MAXILLARY DISTRACTION |
| 19 | Dr.SUCHITRA CHALLA | Oral & Maxillofacial Surgery | EVALUATION OF BARDACH PALATOPLASTY--- IN CLEFT PALATE REPAIR |
| 20 | Dr.DINAKAR KAMBADI | Oral & Maxillofacial Surgery | EVALUATION OF DELTA PLATES VERSUS TWO MINIPLATE OSTEOSYNTHESIS FOR MANDIBULAR SUB-CONDYLAR FRACTURES. |
| 21 | Dr.RAYUDU NAREN KISHORE | Oral & Maxillofacial Surgery | A COMPARATIVE EVALUATION OF IMMEDIATELY LOADED IMPLANTS BIOACTIVATED WITH OR WITHOUT PLATLET RICH PLASMA IN MANDIBULAR EDENTULOUS |

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| 22 | Dr.NIHARIKA YAMALA | Oral Pathology & Microbiology | EFFICACY OF TURMERIC MOUTHRINSE ON SALIVARY STREPCOCCAL MUTANS AND CANDIDAL COUNT IN PRIMARY BOARDING SCHOOL CHILDREN WITH DMFT/deft SCORERS ≥ 2 |
| 23 | Dr.KUMARI KASICHAINULA.K | Oral Pathology & Microbiology | EFFICACY OF POMEGRANATE PEEL EXTRACT MOUTHRINSE ON SALIVARY STREPTOCOCCAL AND CANDIDAL COUNTS WITH DMFT/deft SCORES ≥ 2 IN PRIMARY BOARDING SCHOOL CHILDREN |
| 24 | Dr.NEEHARIKA RAVURU | Oral Pathology & Microbiology | QUANTITATIVE ESTIMATION OF SALIVARY LEVELS OF COPPER AND ZINC IN TOBACCO SMOKERS AND CHEWERS |
| 25 | Dr.PUTTA PRATIMA | Oral Medicine & Radiology | ASSESSMENT OF FUNGAL SPECIES AND THEIR VARIATIONS IN SALIVA OF PATIENTS UNDERGOING RADIOTHERAPY FOR ORAL CANCER PATIENTS. |
| 26 | Dr.SRAVANI SANAMPUDI | Oral Medicine & Radiology | ANALYSIS OF DOG BITE MARKS IN NELLORE POPULATION |
| 27 | Dr.PRAMEELA KARAMKOTI | Oral Medicine & Radiology | COMPARATIVE ASSESSMENT OF PATTERN OF DEGREE OF |

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| | | | INTERDENTAL AND INTERRADICULAR BONE LOSS BETWEEN PATIENTS WITH DIABETIC PERIODONTOPATHY AND PATIENTS WITH CHRONIC GENERALIZED PERIODONTITIS |
| 28 | Dr.JYOTHIRMAI .B | Oral Medicine & Radiology | ASSESSMENT OF EFFECT OF ORAL HEALTH STATUS ON CLINICAL PROGRESSION OF ORAL LEUKOPLAKIA - A RANDOMIZED CLINICAL TRIAL. |
| 29 | Dr.RAMA KRISHNA SURADA | Conservative Dentistry & Endodontics | REMINERALIZATION POTENTIAL OF THREE DIFFERENT REMINERALIZING AGENTS – AN INVITRO STUDY. |
| 30 | Dr.BANDER ANUSHA | Conservative Dentistry & Endodontics | POST OPERATIVE PAIN EVALUATION AFTER USING ENDOVAC AND ENDOACTIVATOR IRRIGATION DEVICES IN SINGLE VISIT ROOT CANAL TREATMENT- A RANDOMIZED CLINICAL TRIAL |
| 31 | Dr.PARAMESH KUMAR.Y | Conservative Dentistry & Endodontics | COMPARATIVE CLINICAL EVALUATION OF TWO IN-OFFICE DESENSITIZING AGENTS IN RELIEVING DENTIN HYPERSENSITIVITY- A RANDOMIZED CLINICAL TRIAL. |
| 32 | Dr.RAKESH ALLA | Conservative Dentistry & Endodontics | COMPARITIVE CLINICAL EVALUATION OF NEW GLASSIONOMER AND |

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| | | | NANOHYBRID COMPOSITE FILLING MATERIALS IN NONCARIOUS CERVICAL LESIONS- A ONE YEAR RANDOMIZED CLINICAL TRAIL |
| 33 | Dr.LALITHA GUNTURU | Conservative Dentistry & Endodontics | EFFECT OF ADDITION OF LYCOPENE TO CALCIUM HYDROXIDE AND CHLORHEXIDINE AS INTRACANAL MEDICAMENTS ON CHEMICAL STRUCTURE OF RADICULAR DENTINE AT TWO DIFFERENT TIME INTERVALS- AN INVITRO STUDY. |
| 34 | Dr.POLISETTY SIVA KRISHNA | Orthodontics & Dentofacial Orthopedics | COMPARISON OF EFFICACY OF ADHESION BOOSTER IN INCREASING THE BOND STRENGTH AMONG FOUR DIFFERENT ETCHING TECHNIQUES. |
| 35 | Dr.GANGAVARAPU SURENDRA | Orthodontics & Dentofacial Orthopedics | ASSESSMENT OF ORAL HEALTH RELATED QUALITY OF LIFE (OH-QOL) AND POSSIBLE ROLE OF SELF- ESTEEM IN ORTHODONTICALLY TREATED CHILDREN- A LONGITUDINAL STUDY. |
| 36 | Dr.SOWMYA BODAPATI | Orthodontics & Dentofacial Orthopedics | COMPARISON OF BODY MASS INDEX PERCENTILE WITH TWO DIFFERENT TYPES OF SKELETAL MATURITY INDICATORS IN ORTHODONTIC PATIENTS |

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| 37 | Dr.SIVAREDDY ROHIT REDDY | Orthodontics & Dentofacial Orthopedics | EVALUATION OF THE SEXUAL DIMORPHISM OF THE ANGLE SNFH IN DIFFERENT CLASSES OF MALOCCLUSION |
| 38 | Dr.V.PULLAIAH NAIDU NAGA | Orthodontics & Dentofacial Orthopedics | EFFECTS OF DIFFERENT STERILIZATION METHODS ON LOAD- DEFLECTION CHARACTERISTICS OF TWO GRADES OF COPPER NITI WIRES - A COMPARITIVE INVIT RO STUDY |
| 39 | Dr.SHABANA BEGUM SHAIK | Public Health Dentistry | PREVALENCE AND RISK INDICATIONS OF DENTIN HYPER SENSITIVITY AMONG 35 YEARS AND ABOVE ADULT POPULATION IN NELLORE CITY, ANDHRA PRADESH. |
| 40 | Dr.POTTEM NAGARJUNA | Public Health Dentistry | COMPARISION OF DENTAL CARIES STATUS AMONG 12 YEAR OLD SCHOOL CHILDREN IN RURAL AND URBAN AREAS OF NELLORE DISTRICT USING CAST INDEX AND WHO CRITERIA |
| 41 | Dr.V.NAGA PRIYANKA KAKARLA | Public Health Dentistry | EVALUATION OF RELATIVE EFFICACY OF McINNES BLEACHING, ENAMEL MICROABRASION, RESIN INFILTRATION TEHNIQUES IN TREATING FLUOROSSED TEETH- AN IN VIVO STUDY |

| Sl.No. | NAME OF THE MDS STUDENT | SUBJECT | TOPIC |
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| 1 | Dr.KEERTHI GOPALAKRISHNA | Prosthodontics & Crown and Bridge | AN INVIVO STUDY TO DETERMINE A MATHEMATICAL FORMULA TO RELATE HORIZONTAL CONDYLAR GUIDANCE ANGLE DERIVED CLINICALLY AND RADIOGRAPHICALLY |
| 2 | Dr.BUDARAPU SILPA | Prosthodontics & Crown and Bridge | COMPARATIVE EVALUATION OF THE EFFECT OF TWO DIFFERENT POST SURFACE TREATMENTS ON THE BOND STRENGTH BETWEEN FIBER POST AND RESIN CEMENT – AN INVITRO STUDY. |
| 3 | Dr.DIVYA JYOTHI.G | Prosthodontics & Crown and Bridge | TO EVALUATE AND COMPARE THE OCCLUSAL PLANE ANGLE CEPHALOMETRICALLY IN EDENTULOUS PATIENTS AND ITS CORRELATION WITH CLINICALLY DETERMINED SAGITTAL CONDYLAR GUIDANCE ANGLE - AN IN VIVO STUDY |
| 4 | Dr.KOMMALU TEJAVATH | Prosthodontics & Crown and Bridge | THE EFFECT OF ALUMINIUM OXIDE NANO PARTICLES AND THERMOCYCLING ON THE FLEXURAL STRENGTH OF REPAIRED ACRYLIC RESIN SAMPLES OF VARIOUS TYPES OF MECHANICAL CONFIGURATIONS WITH TWO DIFFERENT |

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| | | | POLYMERIZATION TECHNIQUES – AN INVITRO STUDY. |
| 5 | Dr.VOOTLA NAVEEN REDDY | Prosthodontics & Crown and Bridge | STRESS DISTRIBUTION IN SCREW RETAINED IMPLANTS OF DIFFERENT CROWN IMPLANT RATIOS IN DIFFERENT BONE QUALITIES UNDER VARIOUS LOADS-A THREE DIMENSIONAL FINITE ELEMENT ANALYSIS |
| 6 | Dr.KANNEGANTI K CHAITANYA | Prosthodontics & Crown and Bridge | CYCLIC LOADING ON PRELOADED ABUTMENT SCREWS: COMPARISON OF DIFFERENT IMPLANT-ABUTMENT CONNECTIONS WITH VARYING ABUTMENT ANGULATIONS AND SCREW LENGTHS USING FINITE ELEMENT ANALYSIS. |
| 7 | Dr.JAYA PRAKASH M | Periodontology | EFFECT OF SUB ANTI MICROBIAL DOSE DOXYCYCLINE (SDD) ON MDA LEVELS IN SALIVA OF CHRONIC PERIODONTITIS PATIENTS |
| 8 | Dr.NUVVULA SAI LAVANYA | Periodontology | EVALUATION OF SALIVARY L-PLASTIN LEVELS IN CHRONIC PERIODONTITIS PATIENTS ASSOCIATED WITH TYPE 2 DIABETES MELLITUS |
| 9 | Dr.UMMIDISSETTY TEJA | Periodontology | EVALUATION OF BORIC ACID MOUTH WASH FOR DAILY RINSING IN CHRONIC PERIODONTITIS PATIENTS AS AN ADJUNCT TO PHASE I THERAPY. |

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| 10 | Dr.DAYA SWARUPA DARIVEMULA | Periodontology | EVALUATION OF THE EFFICACY OF LOCAL APPLICATION OF LICORICE GEL AS AN ADJUNCT TO SCALING AND ROOT PLANING IN THE MANAGEMENT OF CHRONIC PERIODONTITIS |
| 11 | Dr. DISHANN BABU PATURU | Periodontology | EVALUATION OF THE EFFICACY OF TREHALOSE GEL AS LOCAL APPLICANT WITH AN ADJUNCT TO SCALING AND ROOT PLANING IN THE MANAGEMENT OF CHRONIC PERIODONTITIS. |
| 12 | Dr.VEMULA CHAITHANYA DEEPAK | Paedodontics & Preventive Dentistry | COMPARISON OF A NEW AUTOCONTROLLED INJECTION SYSTEM WITH A TRADITIONAL SYRINGE FOR MANDIBULAR INFILTRATIONS IN CHILDREN- A RANDOMIZED CLINICAL TRIAL |
| 13 | Dr.V. KALA SANDHYA | Paedodontics & Preventive Dentistry | CANINE AND PREMOLAR WIDTH PREDICTIVE CAPABILITY OF VARIOUS PERMANENT MAXILLARY AND/OR MANDIBULAR TOOTH/TEETH COMBINATIONS IN SOUTH INDIAN POPULATION – AN OBSERVATIONAL STUDY. |
| 14 | Dr.NAVEEN KUMAR REDDY KOLLI | Paedodontics & Preventive Dentistry | PAIN ASSOCIATED WITH LIGNOCAINE CONVENTIONAL LOCAL ANESTHESIA AND BUCCAL INFILTRATION USING LIGNOCAINE OR ARTICAINE DURING |

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| | | | MAXILLARY PRIMARY MOLAR EXTRACTIONS- A RANDOMIZED CLINICAL TRAIL |
| 15 | Dr.T NAMRATHA | Paedodontics & Preventive Dentistry | DERMATOGLYPHICS AS A NOVEL METHOD FOR ASSESSING INTELLIGENT QUOTIENT IN CHILDREN AGED 5-11 YEARS- A CROSS SECTIONAL STUDY |
| 16 | Dr.A.V. KARTHIK | Paedodontics & Preventive Dentistry | STRESS ANALYSIS OF DIFFERENT POST-CORE RESTORED ENDODONTICALLY TREATED MAXILLARY PRIMARY INCISORS: A THREE DIMENSIONAL FINITE ELEMENT ANALYSIS. |
| 17 | Dr.MANOJ KUMAR N | Oral & Maxillofacial Surgery | EVALUATION OF EFFICACY OF ARTHROCENTESIS FOR INTERNAL DERANGEMENT OF TEMPOROMANDIBULAR JOINT –A PROSPECTIVE STUDY |
| 18 | Dr.AJAY KUMAR REDDY CH | Oral & Maxillofacial Surgery | OPEN REDUCTION AND INTERNAL FIXATION (PRE-AURICULAR APPROACH) v/s CLOSED REDUCTION (GILLIE’S APPROACH) FOR ZYGOMATIC ARCH FRACTURE – A comparative study. |
| 19 | Dr.SAJAN ANAND GUBBALA | Oral & Maxillofacial Surgery | COMPARATIVE ANALYSIS OF PERI-IMPLANT BONE LEVELS OF IMMEDIATE AND CONVENTIONALLY LOADED IMPLANTS |
| 20 | Dr.C.APOORVA | Oral & Maxillofacial Surgery | EVALUATION OF PFEIFER’S TECHNIQUE IN CLEFT LIP REPAIR |
| 21 | Dr.VALLEPU RAMESH | Oral & Maxillofacial Surgery | SOFT TISSUE CHANGES AFTER MANDIBULAR ORTHOGNATHIC |

| | | | SURGERIES |
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| 22 | Dr.P KARTHIK KUMAR REDDY | Oral Pathology & Microbiology | HISTATIN LEVELS IN GINGIVAL CREVICULAR FLUID AND CANDIDAL QUANTIFICATION OF SUB-GINGIVAL BIOFILM IN TYPE II DIABETICS WITH CHRONIC PERIODONTITIS |
| 23 | Dr.RAMESH BONUGU | Oral Pathology & Microbiology | SALIVARY HISTATINS AND ORAL CANDIDAL CARRIAGE IN DIABETIC PATIENTS WITH CHRONIC PERIODONTITIS |
| 24 | Dr.THEJA PRIYA PANATALA | Oral Pathology & Microbiology | ANTI-ASTHMATIC DRUGS AND ITS EFFECTS ON ORAL MUCOSA. |
| 25 | Dr.LAVANYA D | Oral Medicine & Radiology | COMPARISON OF PULP TOOTH RATIOS OF MAXILLARY LATERALS, MAXILLARY CANINES AND MANDIBULAR FIRST MOLARS TAKEN BY CONVENTIONAL INTRA ORAL PERIAPICAL RADIOGRAPHY WITH THAT TAKEN BY RADIOVISIOGRAPHY AND ASSESSMENT OF THEIR EFFICACY IN DENTAL AGE ASSESSMENT |
| 26 | Dr.NAGENDRA PRASAD KORA | Oral Medicine & Radiology | QUANTITATIVE ANALYSIS OF SERUM TRACE ELEMENTS IN PATIENTS WITH ORAL PRECANCERS |
| 27 | Dr.S SAI NEELIMA | Oral Medicine & Radiology | ASSESSMENT OF SALIVARY ANTIOXIDANT ENZYME LEVELS IN HEALTHY INDIVIDUALS, PERSONS WITH TOBACCO SMOKING HABIT AND |

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| | | | PERSONS WITH ORAL PRECANCERS. |
| 28 | Dr.PADETY ANIL KUMAR | Oral Medicine & Radiology | EVALUATION OF CANDIDAL INFECTION IN ORAL (MUCOSAL) POTENTIALLY MALIGNANT DISORDERS |
| 29 | Dr.SWAPNA SANNAPU REDDY | Conservative Dentistry & Endodontics | COMPARATIVE EVALUATION OF PENETRATION DEPTH OF THREE DIFFERENT ROOT CANAL SEALERS INTO DENTINAL TUBULES : AN SEM STUDY. |
| 30 | Dr.NUSRATH PARVEEN | Conservative Dentistry & Endodontics | COMPARATIVE EVALUATION OF FRACURE RESISTANCE OF THREE DIFFERENT COMPOSITES: AN INVITRO STUDY. |
| 31 | Dr.TAVVA VENKATA SWATHI | Conservative Dentistry & Endodontics | POST OPERATIVE PAIN EVALUATION IN SINGLE-VISIT ROOT CANAL TREATMENT WITH PROTAPER AND M2 ROTARY SYSTEMS – A RANDOMIZED CONTROLLED TRIAL |
| 32 | Dr.SUHASINI.K | Conservative Dentistry & Endodontics | EFFECT OF IN OFFICE BLEACHING AGENTS COMBINED WITH CPP-ACP IN DIFFERENT PROPORTIONS ON MICROHARDNESS AND SURFACE ROUGHNESS OF BLEACHED ENAMEL –AN INVITRO STUDY. |
| 33 | Dr.G.DURGA BHAVANI | Conservative Dentistry & Endodontics | COMPARATIVE EVALUATION OF MICROHARDNESS OF RADICULAR DENTIN BY USING DIFFERENT HERBAL EXTRACTS AS ROOT CANAL IRRIGANT – AN INVITRO STUDY. |
| 34 | Dr.VENKATESH.N | Orthodontics & Dentofacial | EVALUATION OF STRESS AND BURNOUT |

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| | | Orthopedics | IN POSTGRADUATE STUDENTS OF ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS IN INDIA. |
| 35 | Dr.CHIRIVELLA PRAVEEN KUMAR | Orthodontics & Dentofacial Orthopedics | EFFECT OF MAXILLARY INCISOR POSITION ON SMILE PROFILE IN DIFFERENT FACIAL AND FOREHEAD TYPES |
| 36 | Dr.VENKATA NAIDU BAVIKATI | Orthodontics & Dentofacial Orthopedics | EVALUATION OF THE YIELD STRENGTH AND STRUCTURAL CHARACTERISTICS OF DIFFERENT COMMERCIALY AVAILABLE SUPERELASTIC NITI ARCHWIRES – A PROSPECTIVE RANDOMIZED CONTROL TRAIL. |
| 37 | Dr.KILLAMSETTY SAI SANDEEP | Orthodontics & Dentofacial Orthopedics | EVALUATING B.M.I , B.F.P AND WEIGHT CHANGES IN FIXED OTHDONTIC THERAPY PATIENTS |
| 38 | Dr.IMRANKHAN B | Orthodontics & Dentofacial Orthopedics | EVALUATION OF RECIPROCAL EFFECT ON MINISCREWS WITH IMMEDIATE AND DELAYED LOADING IN RETRACTION CASES |
| 39 | Dr.SARAH SHEELA EMERALD | Public Health Dentistry | DENTAL CARIES EXPERIENCE AND ASSOCIATION TO RISK FACTORS – AN EPIDEMIOLOGICAL SURVEY USING THE INTERNATIONAL CARIES DETECTION AND ASSESSMENT SYSTEM (ICDAS-II) AND COMPARABILITY WITH STANDARD WORLD HEALTH ORGANIZATION CRITERIA. |

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| 40 | Dr.DEEPTHI ATHULURU | Public Health Dentistry | EFFICACY OF DESENSITIZING DENTIFRICES ON DENTINAL HYPERSENSITIVITY: A RANDOMIZED CLINICAL TRAIL |
| 41 | Dr.MANDAVA SOUNDARYA CHOWDARY | Public Health Dentistry | EVALUATION OF THE EROSION POTENCY OF A COMMERCIALY AVAILABLE ICE CANDIES IN INDIA USING AN IN SITU EROSION MODEL |

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| 1 | Dr.BALLI HARITHA KIRANMAI | ORAL MEDICINE & RADIOLOGY | IDENTIFICATION OF CALCIFIED CAROTID ATHEROMAS IN DIABETIC PATIENTS BY DIGITAL PANORAMIC RADIOGRAPHY |
| 2 | Dr.DEEPIKA SWETHA SARABU | ORAL MEDICINE & RADIOLOGY | PATTERN OF ORAL DISEASES IN PATIENTS UNDER CARDIOVASCULAR MEDICATIONS |
| 3 | Dr.VADDI ANUSHA | ORAL MEDICINE & RADIOLOGY | MASSETER MUSCLE HYPERTROPHY IN ORAL SUBMUCOUS FIBROSIS AND IN CHRONIC CHEWERS : AN ULTRASONOGRAPHIC STUDY |
| 4 | Dr.JOSHNA RANI.P | ORAL MEDICINE & RADIOLOGY | EVALUATION OF GUSTATORY FUNCTION IN PATIENTS WITH DIABETES MELLITUS TYPE II |
| 5 | Dr. SHAIK MOHAMMED ARIF | ORAL & MAXILLOFACIAL SURGERY | EVALUATION OF DOUBLE Y SHAPED PLATES & MINIPLATES IN THE MANAGEMENT OF SYMPHYSIS AND PARASYMPHYSIS FRACTURES OF MANDIBLE- A COMPARATIVE STUDY |

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| 6 | Dr.SOWJANYA KALWAGADDA | ORAL & MAXILLOFACIAL SURGERY | EVALUATION OF OSTEOGENIC POTENTIAL OF SYNTHETIC HYDROXYAPATITE COATED WITH BONE MARROW ASPIRATE IN MAXILLOMANDIBULAR OSSEOUS DEFECTS –A PROSPECTIVE STUDY. |
| 7 | Dr.PAMAPANA SIVA GANESH | ORAL & MAXILLOFACIAL SURGERY | COMPARISON BETWEEN SINGLE MINIPLATE VERSUS RECTANGULAR GRID PLATE IN THE MANAGEMENT OF MANDIBULAR ANGLE FRACTURES – A PROSPECTIVE STUDY |
| 8 | Dr.K.ARCHANA GUPTA | CONSERVATIVE DENTISTRY | COMPARATIVE EVALUATION OF MICROHARDNESS OF THREE DIFFERENT NANOCOMPOSITES WHEN SUBMITTED TO EROSIIVE CHALLENGES : AN INVITRO STUDY |
| 9 | Dr. SRI SATYAVATHI. E | CONSERVATIVE DENTISTRY | EVALUATION OF THE EFFECT OF FOUR NATURAL EXTRACTS ON THE SHEAR BOND STRENGTH OF COMPOSITE RESIN TO BLEACHED ENAMEL : AN INVITRO STUDY |
| 10 | Dr.DINESH KUMAR PERISETTY | CONSERVATIVE DENTISTRY | COMPARISION OF SEALING ABILITY OF GLASS IONOMER CEMENT, MINERAL TRIOXIDE AGGREGATE AND BIODENTINE AS ROOT-END FILLING MATERIALS : AN INVITRO STUDY |
| 11 | Dr.MOHAMMAD RASOOL SHAIK | PROSTHODONTIC S | COMPARITIVE EVALUATION OF SOME PHYSICAL AND MECHANICAL PROPERTIES OF POLYMETHYLMETHACRYLAT E HEAT CURED ACRYLIC DENTURE BASE RESINS REINFORCED WITH DIFFERENT CONCENTRATIONS OF ALUMINA NANOPARTICLES- AN INVITRO STUDY |

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| 12* | Dr.SIRISHA KOMMURI | PROSTHODONTICS | TO EVALUATE THE EFFECT OF SURFACE COATING AND WATER STORAGE ON WETTABILITY OF HEAT CURE DENTURE RELINING MATERIAL TO NATURAL AND ARTIFICIAL SALIVA - A COMPARATIVE DYNAMIC CONTACT ANGLE ANALYSIS AN INVITRO STUDY |
| 13 | Dr.DEEPTHI SONIA ARANI | PROSTHODONTICS | EFFECT OF ACCELERATED AGING ON PHYSICAL PROPERTIES OF TWO DIFFERENT SILICONE MAXILLOFACIAL MATERIALS- AN INVITRO STUDY |
| 14 | Dr.DARISI LAKSHMI PRIYANKA | PROSTHODONTICS | A FINITE ELEMENT ANALYSIS – TO EVALUATE THE STRESS PATTERNS IN CONVENTIONAL MATCHING DIAMETER IMPLANT AND DIFFERENT PLATFORM SWITCHED IMPLANTS IN DIFFERENT BONE DENSITIES UNDER DIFFERENT LOAD APPLICATIONS. |
| 15 | Dr.SARAN BABU. KA | PROSTHODONTICS | A FINITE ELEMENT ANALYSIS OF STRESS DISTRIBUTION IN TWO DIFFERENT TYPES OF METAL FREE CERAMIC RESTORATIONS IN THREE UNIT POSTERIOR FIXED DENTAL PROsthESIS WITH TWO CONNECTOR DESIGNS ON VARIOUS LOAD APPLICATIONS- AN INVITRO STUDY |
| 16 | Dr.SHEBIN ABRAHAM | PROSTHODONTICS | THE EFFECT OF PRETREATMENT ON MICROTENSILE BOND STRENGTH OF TWO SELF ADHESIVE RESIN- AN INVITRO STUDY |
| 17 | Dr. SAI PRIYA PALA | PEDODONTICS | EXPRESSION OF PAIN & DISTRESS BY CHILDREN DURING DENTAL EXTRACTATIONS THROUGH DRAWINGS AS A PROJECTIVE MEASURE |

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| 18 | Dr.B.JAYA CHANDRA REDDY | PEDODONTICS | COMPARATIVE EVALUATION OF VISUAL ICDAS II VERSUS RADIOGRAPHIC METHODS FOR DIAGNOSIS OF DENTAL CARIES IN PRIMARY MOLARS |
| 19 | Dr.LAKSHMI SINDHURI VELURU | PEDODONTICS | THE EFFECTIVENESS OF PSYCHOLOGICAL THEORIES ON CHILDRENS ORAL HYGIENE |
| 20 | Dr.M S MANOJ KUMAR ALOK | ORTHODONTICS | CLINICAL EVALUATION OF NEODYMIUM-IRON-BORON MAGNETS IN THE TREATMENT OF MID LINE DIASTEMAS. |
| 21 | Dr. HEMANTH KUMAR JYOTHI | ORTHODONTICS | EVALUATION OF PERSONALITY ,SELF ESTEEM AND ESTHETICS IN PRE,MID AND POST ORTHODONTIC PATIENTS. |
| 22 | Dr.CH.DHYANISRE E ORTHODONTICS | ORTHODONTICS | COMPARATIVE EVALUATION OF STRESS & DISPLACEMENT PATTERNS IN CRANIOFACIAL SKELETON WITH 3 DIFFERENT TYPES OF DISTRACTION DEVICES IN SURGICALLY ASSISTED RAPID MAXILLARY EXPANSION- A FINITE ELEMENT MODEL ANALYSIS. |
| 23 | Dr. SUKRUTHA. B | PERIODONTICS | EFFICACY OF ESTERIFIED HYALURONIC ACID (HYALOSS) IN GRADE II FURCATION DEFECTS-A CLINICAL STUDY |
| 24 | Dr. R.SURESH KUMAR | PERIODONTICS | EVALUATION OF ASSOCIATION OF VITAMIN D DEFICIENCY WITH CHRONIC PERIODONTITIS |
| 25 | Dr.PRAMOD SAMUDRALA | PERIODONTICS | EFFICACY OF LOCAL IRRIGATION OF HYDROGEN RICH WATER IN THE MANAGEMENT OF CHRONIC PERIODONTITIS |
| 26 | Dr.R SURESH BABU | PUBLIC HEALTH DENTISTRY | SILVER DIAMINE FLUORIDE AS A VARNISH FOR CARIES PREVENTION AMONG 12-15YEAR OLD SCHOOL CHILDREN: A RANDOMIZED CONTROLLED TRIAL. |

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| 27 | Dr.K.VANDANA | PUBLIC HEALTH DENTISTRY | EFFECTIVENESS OF STEVIA AS AMOUTH RINSE AMONG 12-15YRS OLD SCHOOLCHILDREN IN NELLORE DISTRICT, ANDHRAPRADESH- A RANDOMIZED CONTROLLED TRIAL |
| 28 | Dr. RAFI SHAIK | PUBLIC HEALTH DENTISTRY | EROSIVE TOOTH WEAR AMONG 3-6 YEAR OLD KINDERGARTEN CHILDREN IN NELLORE DISTRICT OF ANDHRA PRADESH. |
| 29 | Dr.RAJA SARVANI | ORAL PATHOLOGY | BIOMONITORING CYTOGENETIC DAMAGE IN PETROL STATION ATTENDANTS : MICRONUCLEUS TEST IN EXFOLIATED BUCCAL CELLS |
| 30 | Dr. DEEPA. C | ORAL PATHOLOGY | BIOMONITORING CYTOGENETIC DAMAGE IN AUTOMOBILE MECHANICS: MICRONUCLEUS TEST IN EXFOLIATED BUCCAL CELLS |
| 31 | Dr.P.GOVINDARAJ P MALLIK | ORAL PATHOLOGY | EFFECTS OF POLYPHENOLS AND PROBIOTICS ON THE ORAL MICROFLORA. |

5.2.4 What is the percentage of graduates under AYUSH programs employed in the following?

- * AYUSH departments/Hospitals,
- * Multinational companies,
- * Health clubs,
- * Spas,
- * Yoga wellness centers,
- * Yoga studios,
- * Health clubs,
- * Own Yoga cubes/studios?

5.3 Student Participation and Activities

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the program calendar and provide details of students' participation.

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5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

5.3.3 Does the institution provide incentives for students who participate in national / regional levels in sports and cultural events?

The institution provides the registration fee, travel and accommodation expenditure, participation incentive and such other financial assistance of the strength, the students who participate in sports and cultural activities.

5.3.4 How does the institution involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

The college has magazine committee and publishes college magazine manually. The news letters are published by the management for the community health care services.

5.3.5 Does the institution have a Student Council or any other similar body? Give details on its constitution, activities and funding.

5.3.6 Give details of various academic and administrative bodies that have student representatives in them. Also provide details of their activities.

Students participate in different committee under internal quality assurance mechanism. The academic, administrative, human resource and the examination activities are systematically managed by the institutional administrative and academic body through all these bodies' students are represented.

Any other information regarding Student Support and Progression which the institution would like to include.

**Criterion - VI: Governance,
Leadership and
Management**

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6.1 Institutional Vision and Leadership

6.1.1 State the vision and the mission of the institution.

VISION

To excel in value based dental education, healthcare, research and technology of global standards enriched with quality, contributing to national development.

Provide the best learning experience and support the new generation of Dental professionals to meet the emerging challenges by learning the latest in the field of dental health care.

MISSION

The mission statements of the college are:

- To provide value-based student centric, community oriented, flexible dental education with continuous evaluation.
- To achieve, sustain and further enhance quality dental education providing access with thrust of equity, involving stakeholders.
- To offer modern affordable dental care.
- To encourage innovative collaborative basic research to benefit the community and enabling the industry to produce cost effective equipment and drugs.
- To develop a distinctive center of excellence for learning all aspects of dentistry that will generate dental professionals of global standards to render high quality dental care, teaching and research, with an integrated and ethical approach in quest of oral health care for all.
- To stimulate invention of indigenous technology and to promote technology transfer and optimal utilization of available contemporary technology for teaching, training, healthcare and research.
- To develop a strong community relationships through services and research.

6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?

The institution clearly addresses the needs of the community and students. The mission statement incorporates serving the community with oral health care services, education and research. The institution intends to provide student centered education, community oriented research and patient centered services of global competency.

The mission of college explains the institution's distinctive characteristics in terms of

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attending the needs of the society.

The mission of the college and its Management (the Narayana Dental College & Hospital) are aimed to benefit and serve the people of all communities of the region. In this view, the Narayana educational society established a dental college to provide oral health care needs of the people in and around Nellore district.

In general the college also provides manpower (B.D.S and M.D. Student training) to meet the oral health demands of the people in the country.

6.1.3 How is the leadership involved in?

* **developing E-Governance strategies for the institution?**

The college has initiated e-governance strategies through smart classes, internet, Wi-Fi facility and in-house information technology unit. e-governance boards are displayed across the campus. Institution has developed Biometric system (Teaching and non-teaching Staff attendance/Postgraduate attendance and Undergraduate attendance), Online Indent (Consumable and non-consumable material) which will be forwarded to central store, accounts, Students attendance will be entered on daily basis and SMS will be immediately sent to the concerned parents or guardian and online leave application.

Every department has their own secured access to the bioinformation system where staff attendance and their personal details are present.

Institution has LAN (Local Area Network) facility for maintaining patient's information and inter-department exchange of information.

The multi-faceted benefits of e-governance are:

- The institution is affiliated to NTRUHS which is an e-governed University and thus automatically benefits from the system.
- Increases the efficiency of the various departments and reduces duplication.
- Circulating the information quickly at an economical price.
- Increasing the efficiency by getting the management, faculty members and administrative staff connected more easily.
- Significant reduction of transaction costs, time, space, and manpower.

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*** ensuring the organization's management system development, implementation and continuous improvement?**

The admission process, the examination process, the establishment, library, the hospital information system, the student information system and the LAN are all computerized, and high speed internet facilities are provided. Organization's management system development, implementation and continuous improvement are monitored. Clinical and internal quality check committee evaluates the departments and conducts internal auditing. Inspections by the concerned committees are held. Feedback from students, patients, faculty and parents help in continual development and improvement of the institution.

The institution has some policies for academics, examinations, clinical services, research, student and faculty/staff services.

*** Interacting with its stakeholders?**

The management interacts once in a year with the stakeholders. The college has mechanism to get feedback from varied stakeholders, analyzed and initiates corrective actions.

All level of the leadership—head of the institute, coordinator and chairman of Narayana Educational society, are involved in interacting with students, parents and patients.

The Principal and head of the departments organizes meetings with the students and parents regularly to improve academic and personal development.

*** reinforcing a culture of excellence?**

The internal quality assurance cell reinforces the culture of excellence in all the key aspects of the institution.

Institution encourages and provides incentives for teaching faculty for paper presentations in the conferences and research publications. Also conducts programs (like Prathibhautsav) to award students for their academic excellence. These have contributed to culture of excellence.

*** Identifying organizational needs and striving to fulfil them?**

The internal quality assurance system identifies the area for improvement on continuous basis in important constituents of the system and actions are initiated.

Head of the institute and coordinator regularly conducts meetings with the concerned faculty and management to fulfil the needs.

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A faculty member has also been assigned as college Coordinator for accreditation, while individual department coordinators have also been designated for assistance.

6.1.4 Were any of the top leadership positions of the institution vacant for more than a year? If so, state the reasons.

No, none of the top leadership positions of the college were vacant

6.1.5 Does the institution ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

Institution ensures all the positions in its statutory bodies are filled and meetings like college council meetings, General Body meeting, College administrative council meetings, Intra-departmental meetings are conducted regularly.

6.1.6 Does the institution promote a culture of participative management? If yes, indicate the levels of participative management.

The institution practices decentralization and participative management, different stakeholders provide information at different levels.

Institution promotes a culture of participative management by conducting HOD meetings, General Body meeting, College administrative council meetings, Intra-departmental meetings, Stakeholder meetings- student council meeting, Parent-teacher meeting and alumni meetings.

The Institution promotes culture of participative management at various levels by having college administrative committees which consists almost 100% of the working staff and are actively functioning.

Day-to-day works of individual departments are supervised by the respective Head of Department. In the individual departments, an each faculty member is given responsibility to monitor student attendance and clinical work, material/equipment usage.

Details of academic / administrative bodies:

Academic council

Admission committee

Curriculum committee

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6.1.7 Give details of the academic and administrative leadership provided by the university to its affiliated colleges / constituent units and the support and encouragement given to them to become autonomous.

All the departments have clearly defined accountability in terms of education, service and research. The department heads are empowered and have economy to achieve objectives.

6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

The college is affiliated to University

6.1.9 How does the institution groom leadership at various levels? Give details.

The college grooms the leadership at different levels, the administration is decentralized, the faculties and students participates through various committees.

Staff level: The institution grooms leadership at all levels like research, academic orientation, clinical expertise, leadership and governance. Each staff member is trained in one of these committees and based on their performance their appraisal is done, which may be in the form of giving a leadership position of a committee or other incentives as decided by the higher authorities.

Student level: In every year of undergraduate course one student from male and one student from female category will be elected unanimously as a class representative, sports secretary, cultural secretary. Students are encouraged to participate in sports & cultural activities at state and national levels, encourage to present papers and posters at national & international levels and research projects are encouraged to develop leadership qualities

6.1.10 Has the institution evolved a knowledge management strategy which encompasses the following aspects such as access to?

* **Information Technology,-** The college has in-house information technology unit with learned necessary manpower.

The institution has evolved a knowledge management strategy that makes use of information technology by providing access to its entire faculty and students in the central library with internet facility.

All the departments were equipped with one computer with internet facility, where faculty and PG students can access.

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* **National Knowledge Network (NKN),**-Yes

* **Data Bank,** -Yes

The institution can access many online journals through various e-databases (EBSCO), providing information and knowledge to the staff for quality teaching-learning and research, as well as serving as learning material for students

* **Other open access resources along with effective intranet facilities with unrestricted access to learners.** - Yes

If yes, give details.

Other open access resources along with effective internet facilities with unrestricted access to learners. Yes

The college has wired LAN which provides open access to faculty and PG students. Other internet facilities were provided in the central library.

The institution promotes the above knowledge management strategy by subscribing to

- NTR Med Net- which is a NTRUHS based e-journal data bank of all the dental subjects, and includes International, national and local journals. These e-journals are available from their inception to the recent date.

- The library is facilitated with 4697 books, 66 printed journals, 265 e-journals, 4 magazines, 3 newspapers, 1057 back volumes (7241 issues) and 180 thesis.

- E-books, e-journals: Peoquest-64, EBSCO Oral Sciences-201.

* **Information Technology** - Yes

* **National Knowledge Network (NKN),**

The institution is making efforts to establish NKN sharing.

* **Data Bank** - Yes

6.1.11 How are the following values reflected in the functioning of the institution?

* **Contributing to National development** – The college contributes well learned graduate dentists and post graduate specialty doctors. Serves the community with oral health care services of advanced facilities. Contributed significantly by publishing research articles of excellence.

- No. Of MDS students passed out: 311
- No. Of UG students passed out: 922
- Total no. of students currently studying (UG & PG):612
- Total patients treated from 2001: 11,41,720

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- The institution is serving in national development since its inception.
 - The main objective of the institution is to improve oral health and wellbeing of the people.
 - Good oral health– good general health –healthy community – healthy nation – leads to development of the nation.
 - Currently per year 100 undergraduate and 41 postgraduate students come out and provide services to the people all over India.
 - The institution contributes in national development through knowledge creation, knowledge sharing, research and innovation in diversified fields and developing professionally competent productive citizens.
- * **Fostering global competencies among students** – The departments have curriculum committee with constantly upgrade the learning resources and provide competencies of global nature.
- This institution brings up global competencies in many academic programs. All the postgraduate programs in the institution encourage and guide the students to get admission in third level education in other states and other countries. Many students from this institution are pursuing higher education in USA, Canada, Australia.
 - Institution conducts various enrichment, value adding courses and provides learning experiences with recent advances of their specialty to foster global competencies
- * **Inculcating a sound value system among students**- The system incorporates overall personality developments and serving the community with dedication.
- The institution inculcates value system among students through lectures on professional ethics, environment education, public safety awareness and citizenship role through committees established for the purpose.
 - The various days of national importance and festivals of India are celebrated in the college so as to promote cultural and social values among the students.
- * **Promoting use of technology**- All the departments used advanced technology of relevance in education service and research.
- At all levels (academics & administration) the institution promotes usage of technology.
 - The institution promotes ICT based learning which inculcates power-point teaching, audio and video presentations, webinars, problem based learning, usage of e-library.
 - At administrative level, the institution promotes e-record maintenance and display college & staff information through website. The examination hall is installed with high technology

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scanner, printers, internet connection for receiving question papers from university and mailing necessary documents immediately to the university. The examination hall is installed with CCTVs and the same is displayed on the LCD TV's installed in the main patient waiting hall, Principal chamber and administrative office.

○ All the staff are allowed to make use of audio visual aids. Each faculty has minimum of 20 - 25 PowerPoint presentations. The college allows use of internet in the classes to educate recent advances through online.

* **Quest for excellence-** Quest for excellence in oral health care education service and research is practiced.

- All departments execute quest for excellence in curriculum, academics, innovative infrastructure, governance and student affairs.
- Awards, medals, trophies and certificates are given to meritorious students to encourage them to achieve excellences. Research projects are highly encouraged and promoted to achieve excellence.

6.1.12 Has the institution been indicted / given any adverse reports by National Regulatory bodies? If so, provide details.

No, the institution has never been indicted / given any adverse reports by National Regulatory bodies

6.1.13 What are the projected budgetary provisions towards teaching, health care services, research, faculty development, etc.?

The institution budget incorporates different heads of accounts to deal with activities of key aspects including teaching, services, research, and faculty development.

6.2 Strategy Development and Deployment

6.2.1 Does the institution have a perspective plan for development? If yes, what aspects of the following are considered in the development of policies and strategies?

The institution has done the SWOC analysis of all the departments and institution has generated perspective plan for the ensuing five years.

* **Vision and mission** – is revised and incorporated

The college has its perspective plan to translate its vision and mission into reality.

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The institution is taking care to provide best infrastructure for students in academics and extracurricular activities and the Institution also focuses on use of advanced teaching methods.

The main aim of the institution is to serve large population of the society. It also promotes more research outcomes to contribute to development of dental fraternity thereby serving large population.

Plans to adapt more villages and cancer screening programs are in the process of execution.

The institution plans to achieve its goals well in advance.

* **Teaching and learning-** Infrastructure, faculty development, teacher's quality, the process and evolution reforms are considered.

Institution continuously tries to upgrade ICT enabled learning, problem based learning, evidence based learning, objective structured clinical/practical examination, value-based learning, integrated teaching, structured and objective type of viva and microteaching.

* **Research and development-** Research promotion, seed money, sabbatical leave and research facilities.

* Continuous research and regular ethical board that is functioning provides quality research, which aims to contribute to dental fraternity and population at large with its outcome.

* Institution promotes advanced research that tries to serve the needs of the local population.

* To aim for studies recognized and funding from regulatory bodies like ICMR.

* **Community engagement / outreach activities-** Collaboration, extension and ISR activities.

Institution tries to adapt nearby villages and regularly conducts more dental camps and cancer screening programs. Community based dental screening, treatments and preventive measures are regularly provided.

The institution has established three nodal centres at Venkatachalam, Vedayapalem and NTR nagar which functions actively to provide dental health services to the nearby rural population with subsidized cost.

The institution maintains fully equipped mobile unit since many years to provide dental treatments for the rural people especially who cannot travel and also has free transport facility

to the rural people on daily basis.

* **Human resource planning and development** – Training, deputing to conferences and workshops, literature policy.

Institution has a HRDcell that guides and conducts career-counseling programs for higher education and for future jobs prospects in India and abroad for the students.

Teaching staff are motivated and encouraged to pursue PhD.

The faculty of the institution is appointed on the regular basis and the salary of the faculty is in accordance with the guidelines of the pay commission. The annual increments are provided to the faculty and the non-teaching staff on regular basis. The salary of the faculty is transferred directly in the account through bank transfer and is paid well in time.

* **Industry interaction** – Community interactions and mMoU with NGO's.

Workshops are conducted with dental materials manufacturers and are also encouraged to carry out short-term and long-term studies to have increased awareness about dental materials and explore their applications in dentistry.

Staff and PG students are encouraged to interact with related industries to suit their needs, get suitable help for research projects and clinical work.

* **Internationalization** – Global standards in all the above, international linkages, faculty and student exchange programs.

Future plans to collaborate with foreign institutes to share and gain expertise in clinical and research activities.

Institution plans to collaborate and acquire MOU with foreign universities for student and faculty exchange program.

Resource persons from overseas are invited to interact with the faculty and students to gain more knowledge in clinical field and research activities

Foreign delegates are invited to lecture on various topics in CDE programs. Webinars are also conducted

6.2.2 Describe the institution's internal organizational structure (preferably through an organogram) and decision making processes and their effectiveness.

* **Is there a system for auditing health care quality and patient safety? If yes, describe.**

The organogram is displayed in next page



Narayana Dental College & Hospital

Chinthareddypalem, Nellore - 524003, A.P. India

BOARD OF MANAGEMENT

PRINCIPAL
CHAIRMAN - IQAC

ASSOC.DEEAN-ACADEMICS ASSOC.DEAN-EXAMS ASSOC.DEAN-HR ASSOC.DEAN-SERVICES

DEPARTMENTS / UNITS

| | | |
|------------------------|-------------------|-----------------|
| ORAL MEDICINE | LIBRARY | ANATOMY |
| PERIODONTICS | ESTABLISHMENT | BIOCHEMISTRY |
| PEDODONTICS | PURCHASE | PHYSIOLOGY |
| CONSERVATIVE DENTISTRY | MAIN STORES | PATHOLOGY |
| ORTHODONTICS | HOUSE KEEPING | GEN. MEDICINE |
| ORAL SURGERY | ACCOUNTS | GEN. SURGERY |
| ORAL PATHOLOGY | EDP CELL | MICROBIOLOGY |
| PROSTHODONTICS | PHYSICAL DIRECTOR | ANAESTHESIOLOGY |
| COMMUNITY DENTISTRY | SECURITY | PHARMACOLOGY |

*** How often are these review meetings held with the administrative staff?**

The health care services quality and patient safety are audited on regular basis. Patients and their attendants are oriented for patient safety and responsibilities.

Quarterly review meetings are conducted

6.2.3 Does the institution conduct regular meetings of its various Authorities and Statutory bodies? Provide details.

The IQAC meetings are held once in three months, the associate deans review the functioning of varied authorities once in two months.

Regular meetings are organized with academic incharges, heads of the departments, PG faculty, senior lecturers, tutors and also principal has meetings with different sections of support staff, such as department receptionists, dental chair-side assistants, class 4 employs, as well as with individual department faculty members.

6.2.4 Does the institution have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

The quality policy is deployed at permanent places and reviewed once in a year.

Yes the institution has a formal policy to ensure quality by mandating a minimum number of publications in indexed journals for their academic advancement and promotions. By developing various policies

For patient care, development of various policies related to infection control, asepsis and standard operating procedures has ensured quality care.

The institution regularly reviews the academic activities of the students as well as the faculty according to the policy designed.

6.2.5 Does the institution encourage its academic departments to function independently and autonomously and how does it ensure accountability?

All the departments have accountability of education, service and research, these departments are empowered and have appropriate autonomy to achieve their task.

By conducting & maintaining

- A department Master plan
- Patient statistics

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- Monthly stock & indent
- Monthly amount collected
- Theory & practical internal assessments
- CDE programs
- Inter-department meetings
- Framing teaching schedules

The performance is governed by the Principal and vice-principal.

Institution allows individual faculty and department heads to perform its own research and different programmes. It also gives freedom to individual departments to perform advanced surgical procedures.

6.2.6 During the last four years, have there been any instances of court cases filed by and / or against the institution? What were the critical issues and verdicts of the courts on these issues?

Court cases against affiliated university and college regarding grievance in examination results in High court. WRIT PETITION NO: 14574 of 2014

6.2.7 How does the institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?

The college has grievances redressal cell which collects the varied grievances of human resources and based on the grievances heard necessary actions are initiated by the authorities.

6.2.8 Does the institution have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Yes, the students feedback are institutional performance in varied parameters are initiated in different feedback profarma. These are analyzed and actions initiated.

6.2.9 Does the institution conduct performance audit of the various departments?

The institution conducts monthly performance audit through feedback and necessary actions initiated.

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6.2.10 What mechanisms have been evolved by the institution to identify the developmental needs of its affiliated / constituent institutions?

The Institution has established internal quality assurance cell. This cell monitors the performance of most of the key aspects of the educational system. The four major domains identified are academic, administration, human resource & examination. Areas for improvement in these are identified and necessary actions taken.

6.2.11 Does the institution and hospital have their own updated websites? If so, is the information regarding faculty and their areas of specialization, days of availability, timings, and consultation charges available on the website?

Yes. The college has its own updated website and wide range of information regarding faculty, their areas of specialization, treatments provided, achievements and contact information.

6.2.12 What are the feedback mechanisms and documentations to evaluate the outcomes of these exercises?

The necessary feedbacks and outcome documentation are reviewed and actions initiated.

6.3 Faculty Empowerment Strategies

6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff? What is the impact of Continuing Professional Development Programs in enhancing the competencies of the university faculty?

Faculty development committee and staff welfare committee review the facilities for professional development of the teaching and non-teaching staff. The departments conduct continuing dental education and non-teaching staff are trained as per the needs of their job requirements. Working knowledge of computers, internet and wi-fi facilities are provided through the human resource

Various efforts have been taken up by the institution to enhance professional development of teaching and non-teaching staff, viz.

Teaching staff: Teacher's training program for faculty, leaves to attend conferences and convention, CDEs, workshops, inter departmental meetings for information exchange, spiritual and digital literacy program are conducted, eminent staff from our institution as

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resource persons train other faculty members at teacher's training programs conducted by the university, research projects are encouraged

Non-teaching staff: Communication skills program, life support and emergency management programs, improving life style management and women empowerment programs, statistics and auditing programs for office staff are conducted.

These programs help the teaching and non-teaching staff to update their knowledge, upgrade their skills and help to be more efficient to compete to the contemporary level of excellence.

The college encourages faculty members to attend national and international conferences.

The college reimburses part of the registration, travel and accommodation when faculty members present their research work in the conference.

6.3.2 What is the outcome of the review of various appraisal methods used by the institution? List the important decisions.

From the faculty self-performance appraisal, the necessary areas for professional improvement are identified faculty wise and actions initiated, to name some, faculties are deputed for training in advanced skills. Research methodology sessions conducted and training in using the advanced ICT facilities provided.

The institution mainly uses self performance appraisal by all the faculty.

Based on the appraisal the varied training needs and faculty development activities are planned and implemented

6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.

The faculty can avail subsidized treatment charges in Narayana Medical Hospital. Faculty and staff can avail free treatments for some procedures in the dental college.

All the Heads of the departments and few faculty members were provided with free accommodation in the campus. For few staff the college also provide house rent allowance.

College also allows the faculty to use play ground, tennis court, table tennis, volley ball court with out charging.

Preferential admission for children in Narayana Schools with discount fees.

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6.3.4 What are the measures taken by the institution for attracting and retaining eminent faculty?

The college has adopted faculty retention policy, few such initiations are providing research facilities and excellence ambience, research recognitions incentives, facilities to attend the conferences, providing computers and internet facilities and such other.

The college supports for innovative and new ventures by the faculty and also it supports research funding, and it encourages the faculty to attend more number of conferences without restricting the number of days. Most of the staff wereworking in this institute for more than 10 years.

Institution and management takes maximum measures to attract and retain eminent faculty like

- Provide allowances
- Facility to attend national and international conferences by providing leaves and reimbursing some amount that is spent for the conference.
- Allows to use central laboratory and research lab for research work and thereby encourage to pursue PhD.
- Salary will be given promptly every month
- Gratuity and provident funds are provided for some of the teaching and nonteaching staff
- Knowledge and skill up gradation programs are conducted
- Research is encouraged and funds for research are supported
- Preferential admissions for children in Narayana schools with discounted fees
- Staff are given TA/DA , on duty leaves to attend conferences and present papers
- Quarters facilities are provided for many staff members

6.3.5 Has the institution conducted a gender audit during the last four years? If yes, mention a few salient findings.

The institution regularly conducts the gender audit; one salient feature is the female gender are preparing to dentistry profession. 75% of the students are females.

The institution conducts gender audit and as well of different category wise students, faculty and non-teaching staff. The data for the last 4 years is maintained. The committee for student enrolment and associate dean HR maintain all data.

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BDS YEAR WISE STRENGTH

| YEAR | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| MALE | | | | | 34 | 37 | | 39 | 28 | 24 | 19 | 21 | 16 | 18 | |
| FEMALE | | | | | 66 | 63 | | 61 | 72 | 76 | 81 | 79 | 84 | 82 | |
| INTAKE | | | | | 100 | 100 | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| PASSOUT | | | | | | | | | | | | | | | |
| EXPAIR | | | | | | | 1 | | | | | | | | |
| A'CAT (Govt) | | | | | 50 | 50 | | 50 | 50 | 50 | 50 | 50 | 50 | 50 | |
| B'CAT (Govt) | | | | | 25 | 20 | | 20 | 20 | 10 | 10 | 10 | 10 | 10 | |
| C'CAT | | | | | 25 | 30 | | 30 | 30 | 40 | 40 | 40 | 25 | 25 | |
| NRI | - | - | - | - | - | - | - | - | - | - | - | - | 15 | 15 | |
| GENERAL/OC | | | | | 49 | 52 | | 52 | 40 | 50 | 49 | 54 | 53 | 45 | |
| SC | | | | | 16 | 13 | | 11 | 23 | 17 | 17 | 11 | 14 | 12 | |
| ST | | | | | 6 | 4 | | 4 | 6 | 8 | 5 | 3 | 3 | 3 | |
| OBC | | | | | 29 | 31 | | 33 | 31 | 24 | 29 | 32 | 29 | 39 | |
| OTHERS | | | | | | | | | | 1 | - | - | 1 | 1 | |
| SPORTS QUOTA | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| PHYSICALLY HANDICAPPED | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

6.3.6 Does the institution conduct any gender sensitization programs for its faculty?

YES

6.3.7 How does the institution train its support staff in better communication skills with patients?

The college has language lab with necessary facilities and learned faculty, these faculties provide the soft skills and the communication skills needed for the professionals.

6.3.8 Whether the research interests of teaching faculty are displayed in the respective departments?

Yes,

6.3.9 Do faculty members mentor junior faculty and students?

Yes,

Yes. Senior faculty members guide and mentor junior faculty members in methods of

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teaching, research, publication

Both junior and senior faculty mentor students—both post- and undergraduate—in academics and research.

For example, few undergraduate students have been part of research work which were funded by ICMR.

6.3.10 Does the institution offer incentives for faculty empowerment?

Yes, the institution offers incentives and recognitions for the task achievers, the post graduate guides are providing with incentives.

The college offers incentives for faculty empowerment. For example, faculty are offered to render practice and treat patients in the Pay clinic who seek the option of treatment in that clinic and extra income will be paid to the faculty for rendering treatment.

The institution offers incentives for faculty empowerment by sponsoring participation in the various national and international conferences and workshops.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

The institution has constituted finance committee under IQAS which regularly manage financial resources efficiently.

The institution monitors the effective and efficient use of financial resources by annual external and internal auditing. Expert external auditors are appointed for budgeting and fund allotments.

6.4.2 Does the institution have a mechanism for internal and external audit? Give details.

Internal audit is done by finance committee and external audit is done by qualified personal (Chartered Accountant) and submit the report annually.

6.4.3 Are the institution's accounts audited regularly? Have there been any audit objections, if so, how were they addressed?

Yes, no major objections.

6.4.4 Provide the audited statement of accounts with details of expenses for academic, research and administrative activities of the last four years.

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Audit statements are maintained and will be submitted during the visit.

6.4.5 Narrate the efforts taken by the institution for resource mobilization.

Efforts are initiated to mobilize the resources

6.4.6 Is there any provision for the institution to create a corpus fund? If yes, give details.

Corpus fund is being created

6.4.7 What are the free / subsidized services provided to the patients in the hospital?

The college provides free/subsidised services to a variety of patients.

Free treatments:

1. OP consultation
2. Restoring decayed teeth (Except tooth coloured restoration)
3. Hand and ultrasonic scaling
4. Teeth extraction
5. Removable partial dentures

50% subsidized treatments

1. Fixed partial dentures
2. Complete dentures
3. Root canal treatment
4. Maxillofacial surgeries
5. Periodontal (Gum) treatments
6. Tooth coloured restorations
7. All dental treatments for children

6.4.8 Does the institutions receive fund from philanthropic organizations / individuals towards patient care? If yes, give details.

No

6.4.9 Do patients from other states / abroad come for treatment, reflecting the unique quality health care provided by the institution?

The college is located in district place and not in state capital. However, necessary efforts are made to increase the medical tourism.

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6.5 Internal Quality Assurance System

6.5.1 Does the institution conduct regular academic and administrative audits? If yes, give details.

Yes, the academic and administrative audit is done on monthly basis through a questioner from all the departments

6.5.2 Based on the recommendations of the Academic Audit, what specific follow up measures have been taken by the institution to improve its academic and administrative performance?

Based on the academic audit, departments are inspected to initiate problem based learning, enrichment courses and value added courses. Working knowledge of computers are initiated for the human resource. Internal quality assurance cell established.

Important measures taken by the institute are 1. Research activity, 2. Library resources, 3. Teaching and learning process, 4. Online process

6.5.3 Is there a central unit within the institution to review the teaching-learning process in an ongoing manner? Give details of its structure, methodologies of operations and outcome?

The associate dean-academic at the institution level and the internal quality assurance cell monitor the teaching learning process in ongoing manner. the outcomes are, the teaching learning process revised with added learning experiences, teachers quality activities intensified, innovative result analysis method is initiated.

There is a central unit in the institution to review the teaching and learning process. This process is reviewed by IQAC which is headed by the Dean. Associate dean academics reviews the teaching learning process.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

The IQAC has identified the key processes for the institutional quality performance. The IQAC monitor such processes on continuous basis, to mention a few library, research, results, services, students support and student activities.

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6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the institution for implementation?

All the decisions of IQAC have been placed before the statutory authorities of the institution for te implementation, many such decisions have been implemented by the institution.

6.5.6 Are external members represented in the IQAC? If so, mention the significant contribution made by such members.

Yes, the external members are represented in the IQAC.

6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

The IQAC conducts study on students enrollment and category wise academic growth of the student every year. The college has maintained such data of disadvantaged students.

Yes, there is mechanism to assess the incremental academic growth of the students from disadvantages sections of society.

6.5.8 Are there effective mechanisms to conduct regular clinical audit of the teaching hospital? Give details.

The regular clinical audit is done by the services incharge, patients feedbacks are collected, analyzed and actions initiated

The clinical audit of teaching hospital is conducted on regular basis by the quality team of the hospital headed by the principal and respective head of the departments as its members.

6.5.9 Has the institution or hospital been accredited by any other national / international body?

The hospital and the institution are in the process of international certification by ISO.

6.5.10 Does the hospital have institutional and individual insurance schemes to cover indemnity claims?

Yes

Any other information regarding Governance, Leadership and Management which the institution would like to include.

**Criterion - VII: Innovations
and Best Practices**

Narayana Dental College & Hospital, Nellore

7.1 Environment Consciousness

7.1.1 Does the institution conduct a Green Audit of its campus?

Yes, the Institution regularly conducts green audit. The campus has full of greeneries around and is environmental friendly.

Environment consciousness is enshrined in the mission of the college and tree plantation is the major concern of the management to maintain the pristine purity and beauty of the college to provide a congenial atmosphere for the academic and non-academic pursuits. Green audit of the campus is carried out by the staff periodically by supervising the maintenance of the existing trees and locating places for planting new trees. Nurturing Plants is one of the non-academic pursuits that develop eco-concern among the students.

Though there is no formal green audit system, the entire building of the institution is designed by the architect in considering the maximum utilization of the natural resources. All the class rooms are well lit with natural light and very well ventilated. Personal experience of sowing seeds, watering plants, preparing and using organic manure, removing weeds etc., has ecologically sensitized the NSS Volunteers, JAC Eco Club members and other students.

7.1.2 What are the initiatives taken by the institution to make the campus eco-friendly?

* Energy conservation

1. Planning the buildings in such a way that allows sufficient lighting minimize electrical lamps
2. Usage of LED bulbs in place of conventional ones
3. Minimizing the use of air conditioners and lifts
4. Replacing the old equipment with new energy saving ones
5. Supervising staff to switch of AC'S, lights and fans when and wherever they are not needed
6. Training staff and students about conservation of energy.

* Use of renewable energy

Necessary awareness to use renewable energy is instituted through guest lecturers as a part of extension activity. Solar energy for lighting the campus has been implemented.

* Water harvesting

Construction of drains and storage of rainwater, soakage pits are provided

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* Solar panels

For street lights it has been implemented.

* Efforts for carbon neutrality

1. Campus is no-smoking zone
2. Plantation of trees regularly in and around the campus is in progress
3. Plans and efforts to minimize the usage of cars and two wheelers by the staff and students with in the campus.

* Plantation - botanical or medicinal significance

Nursery with medicinal plants is instituted in collaboration with college of pharmacy

* Bio-hazardous waste management

Existing as per the guidelines of national health and medical research council the waste is categorized into clinical waste, general waste etc and disposed as per the guidelines. Institute has waste management strategy and plans and accordingly waste auditing is being done periodically.

* E-waste management

1. Recycling and reuse of electronic devices is being done
2. E - waste is disposed as per the regulations of state and central pollution control boards.

* Effluent treatment and recycling plant

Existing as per standards

* Recognition / certification for environment friendliness

Efforts are underway to get the institution an eco-friendly certificate

* Any other (specify)

* Energy conservation

The glass windows of the class rooms facilitate the maximal utilization of natural light. The traditional lighting systems are replaced with CFL lighting system .Switching off the

Narayana Dental College & Hospital, Nellore

electrical equipment when not in use .In the hostel campus the elevators are switched off during the class hours which conserves energy to a greater extent. Minimizing use of elevator, and encouraging staff and students to use staircases whenever possible .Solar energy used in the students hostel, kitchen and other areas.

* Use of renewable energy

Bathing water in the hostel is treated and used for drip irrigation in the flower gardens and orchards. 2/3 of water from RO Plants is treated and used for plants and trees in the college.

* Water harvesting

NIL

* Solar panels

The identification of renewable, sustainable and affordable energy sources has led to the installation of 'Solar Park' with 30 percent subsidy from the Government. Solar energy is one of the sources for lights, fans, heaters used in the residences and the college.

* Efforts for carbon neutrality

Cigarettes and tobacco products are strictly banned within 100 meters of the campus. Proper measures have been taken to reduce carbon emission to keep the campus, pollution-free and uncontaminated. Planting a variety of trees and kitchen gardens has contributed to carbon neutrality in the campus. The College buses and other vehicles are checked by the RTO and provided with (CNG) pollution-free stickers.

* Plantation - Botanical or Medicinal significance

The green ambience of the college is largely due to tree plantation. They help to maintain the ecosystem. Planting of saplings by the chief guests of various functions evinces the eco-consciousness inherent in the college practices. Through NSS students are encouraged and motivated to plant sapling in the college as well as at the selected places outside the campus.

* Bio-hazardous waste management

NIL

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* E-waste management

Electronic goods are put to optimum use; the minor repairs are set right by the staff and the Laboratory assistants; and the major repairs, by the professional technicians, and are reused. The damaged computers are used by the instructor in the practical sessions of the 'Certificate Course in Computer Maintenance and Hardware. Finally they are exchanged with the local dealers. UPS Batteries are recharged / repaired / exchanged by the suppliers. Environmental awareness is given by NSS in and around the college.

7.1.3 How does the institution ensure that robust infection control and radiation safety measures are effectively implemented on campus?

As per the standards of WHO infection control measures are in place and are being regularly monitored by infection control committee and audited periodically.

A radiation safety measure exists as per the standards of Atomic energy (radiation protection) rules, 2004. Monitored by radiation safety committee and audited periodically.

Policies and practices are outlined for the robust infection control and radiation safety measures. The curriculum includes topics like infection control and prevention and biomedical waste management.

7.1.4 Has the institution been audited / accredited by any other agency such as NABL, NABH, etc.?

Not Yet

The institution is preparing for ISO certification – Under process

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the institution.

STUDENT RELATED

- Zero ragging tolerance in campus.
- Online access to the parents is provided through unique user ID and Password. Parents are apprised of the student attendance and performance through SMS on daily basis. Further, performance sheets are posted once in a month to the parents.
- Weekly evaluation of academic performance of the students.
- Yoga training sessions are conducted for the students.

Narayana Dental College & Hospital, Nellore

- Biometric system of monitoring student attendance
- Central Computer Centre and English Training Laboratory are established for bringing computer literacy and to improve communication skills and fluency of English.
- Wall magazine.
- Student Counselor to council the needy students
- Round the clock library and reading room.

FACULTY

- Periodic personality development / stress management. Every department has computers and all our faculty members are computer literate.
- All data regarding the department are collected and tabulated and available for scrutiny.
- Faculty development programmes are in place for up gradation of surgical skills and for orientation to newer procedures and technologies
- Medical Education Technology training is provided for the faculty both in -house and at other reputed places
- Training in Yoga
- Special leaves and monetary assistance for attending and presenting papers in scientific Conferences.

ACADEMICS

- Mentor system
- Integrated (horizontal and vertical) teaching.
- CDE Symposia/Workshops / Quiz programmes are conducted regularly.
- Financial support by the college for hosting Seminars / Conferences / Conventions/ workshops of various departments.

GOVERNANCE AND LEADERSHIP

- Decentralized functioning of the Institute through constitution of various committees.
- Faculty is recruited on the basis of merit through national level selection process.
- Incentives to the faculty for research publications, Textbooks and Scientific paper presentations.
- Close circuit TVs are installed at all lecture halls, wards, and library and examination hall. Serves as a measure of surveillance

Narayana Dental College & Hospital, Nellore

- Subsidized educational support to the children of faculty and staff at Narayana group of educational institutions
- Hospital on wheels a specially designed ambulance containing life support equipment and staff.

PUBLIC HEALTH

- Public awareness programmes are conducted through student rallies on issues like – Ragging, Helmet awareness, Swine flu, AIDS, Tuberculosis, Evils of Tobacco, and Alcohol etc.
- Participating in National programmes like pulse polio , hand washing etc

7.3 Best Practices

7.3.1 Give details of any two best practices that have contributed to better academic and administrative functioning of the institution.

- a). The Institution conducts special classes for the students, in addition to the regular teaching and learning activities.
- b). The Institution conducts weekly evaluation activity. An assessment of the academic progress made by the students is assessed every week, which helps both teachers and the students to understand where they stand.
- c). The Institution organizes student Seminars and Tutorials in addition to the routine classes.
- d). The Institution encourages and send the postgraduates to as many conferences and outstation CDE's as possible.
- e). The Institution conducts several common academic activities every year to benefit the students of all colleges on the campus.

Format for Presentation of Best Practices

1. Title of the Practice

This title should capture the keywords that describe the practice.

2. Objectives of the Practice

Narayana Dental College & Hospital, Nellore

What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?

Objective of the Practice: To promote academic excellence of the campus

Intended outcome: of this best practice and what are the underlying principles or concepts of this practice (in about 100 words)

These academic activities help all students to develop a scientific outlook which broadens their horizon. It will give them an insight into the latest developments and other technical aspects. They will develop into academicians as well as professionals in their Speciality.

3. The Context

What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?

We have to overcome the following hurdles whenever we organize these activities.

Informing all people is the first hurdle. It is not easy to spread the message adequately so that people come in large numbers. Quite often the circular are circulated late,(E-mails through Internet) due to which, the faculty and students cannot come unless they make some alternate arrangement to see that routine work goes on uninterrupted. The authorities are to be informed well in advance so that they can give administrative sanctions. The venues like the lecture galleries or auditorium etc., also are not easy to get, because the regular activities should not get disturbed. Whenever Institution invites guest faculty, Institution has to make many adjustments depending upon their availability. Institution always has to invite more number of guests than required, because it is generally not possible for some of them to come, due to various factors totally beyond any body’s control.

4. The Practice

Time, money and man power are the most important constraints or limitations.

5. Evidence of Success

Success rate of students certainly is an indicator. The performance of the students as well as faculty improves due to these academic activities. The participation of our faculty as invited speakers, guest lecturers panel discussions indicates the success. The research publications which are enormously published during the past few years is another indicator. Many of our former students have occupied important positions in public and private organizations. Some

Narayana Dental College & Hospital, Nellore

even went abroad and are pursuing higher education. This also indicates success of our activities.

6. Problems Encountered and Resources Required

Decision to do it at an appropriate time, so that most of the students and faculty benefit from this activity. Usually at least one group of students or faculty is always busy with exams or conferences. This may be taken care of by planning well in advance. Usually we are happy if most, if not all students or faculty participate. Getting the guest speakers agree to come on the specific time period is another problem. This can be solved by keeping a reserve list of speakers.

Identify the problems encountered and resources required to implement the practice (in about 150 words).

7. Notes

Optional. Add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions (in about 150 words).

Any other information regarding Innovations and Best Practices which the institution would like to include.

The Context: To find out the necessary information about the conferences, seminars, training programmes etc, and to provide sufficient information well in advance to make proper planning for the postgraduates to attend the conference, so that it does not clash with their completion of mandatory course etc. Motivating the postgraduates to participate in such activities, as it usually costs money and need to go out and stay at places which may not be convenient. Women have extra problems like looking after their families, in-laws, children etc.

The Practice: Participation of the postgraduates or even the faculty in the conferences, seminars, training programmes outside the head quarters is a difficult task. These activities promote better quality of learning to the future generations of dentists. Therefore it is highly relevant in the context of higher learning not only in India, but anywhere in the world.

Narayana Dental College & Hospital, Nellore

Evidence of Success: Most of the students are clearing the exams regularly. Our success rate in examinations varies between 80% to 100%. Most of the students are toppers in the merit list of the University. This is because of the opportunities they have to improve their academic brilliance. Many of our students are occupying important and good positions in the public and private organizations. Some of them are doing very well in the foreign countries. These results indicate that the Institution is going on in the right direction in improving the academics.

Problems encountered: Institution needs administrative cooperation and encouragement. Fortunately Institution do not have such a problem. Institution needs to have sufficient time to plan. Sometimes this may not be possible. Institution can only get it after it gets on the net. Institution can keep surfing the net regularly, every day if required, so that precious time may not be lost.

Sanction of travel or research grants should come in time. This can also be addressed if it is possible to plan and implement proper strategy to succeed. Motivating the postgraduates, especially the married young girls may be the next problem. It used to be a very big a problem some time back. But now-a-days many ladies are self motivated, and are willing to listen to their Head of the departments. In fact ladies are excelling in all fields, sometimes even better than men.

Declaration



NARAYANA DENTAL COLLEGE AND HOSPITAL

(Recognized by the MH and FW, Govt. of India and Dental Council of India.)
(Affiliated to Dr. NTR University of Health Sciences, Vijayawada.)

Declaration by the Head of the Institution

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution



with seal:



CHINTHAREDDYPALEM, NELLORE - 524 003. A.P., INDIA

Ph : +91-861-2313841, 2305137, Fax : +91-861-2305092, E-mail : ndc2001@gmail.com



NARAYANA DENTAL COLLEGE AND HOSPITAL

(Recognized by the MH and FW, Govt. of India and Dental Council of India.)
(Affiliated to Dr. NTR University of Health Sciences, Vijayawada.)

Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that Narayana Dental College & Hospital, Nellore fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body such as DCI and
3. The affiliation and recognition [if applicable] is valid as on date.

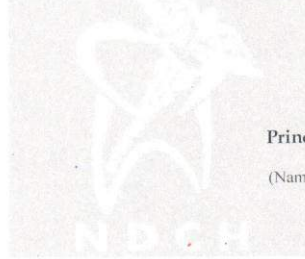
In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date:

Place:



Dr. P. Mahesh
Dr. P. MAHESH

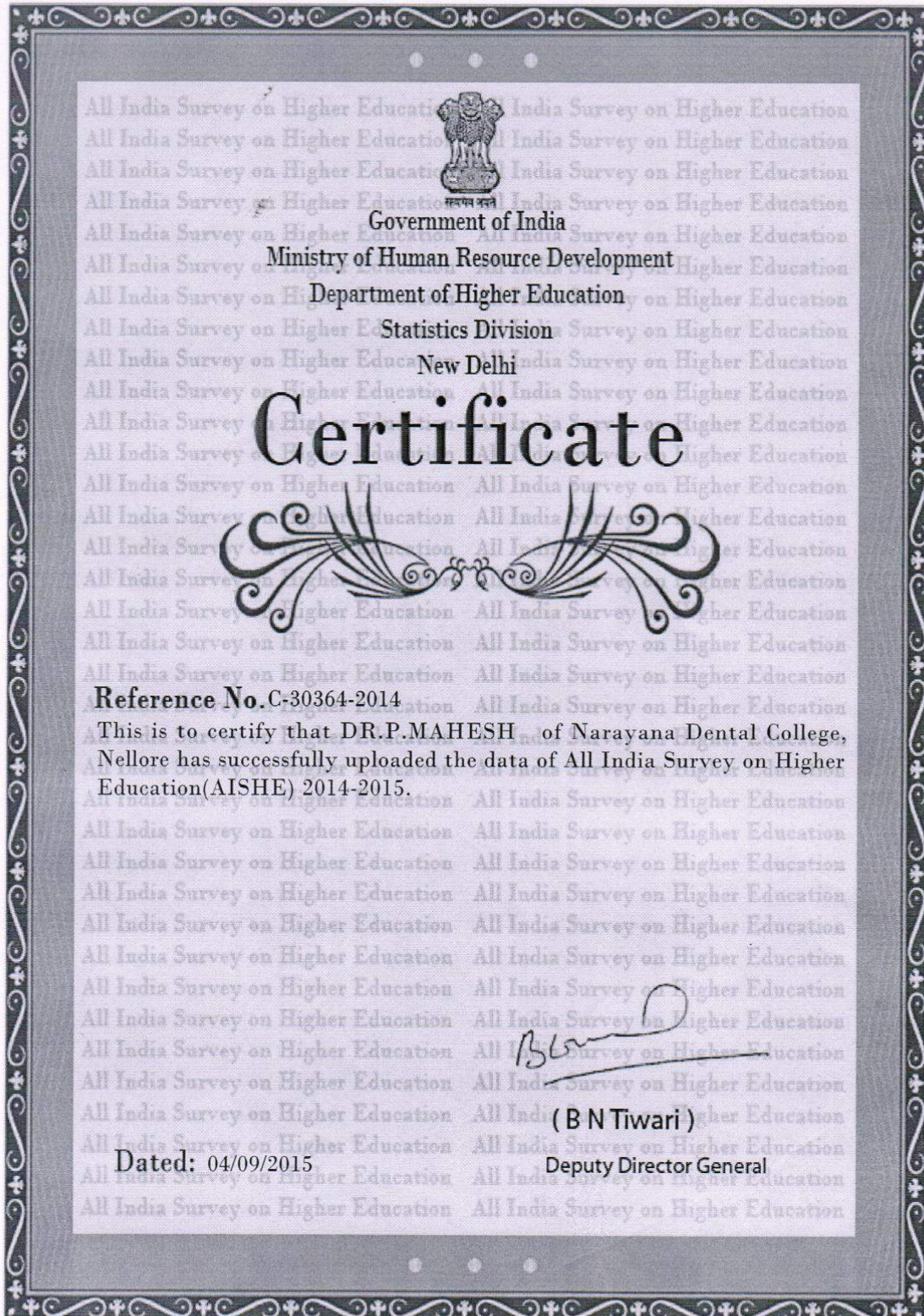
Principal/Head of the Institution

(Name and Signature with Office seal)



CHINTHAREDDYPALEM, NELLORE - 524 003. A.P., INDIA

Ph : +91-861-2313841, 2305137, Fax : +91-861-2305092, E-mail : ndc2001@gmail.com



Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

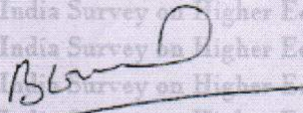
New Delhi

Certificate



Reference No. C-30364-2014

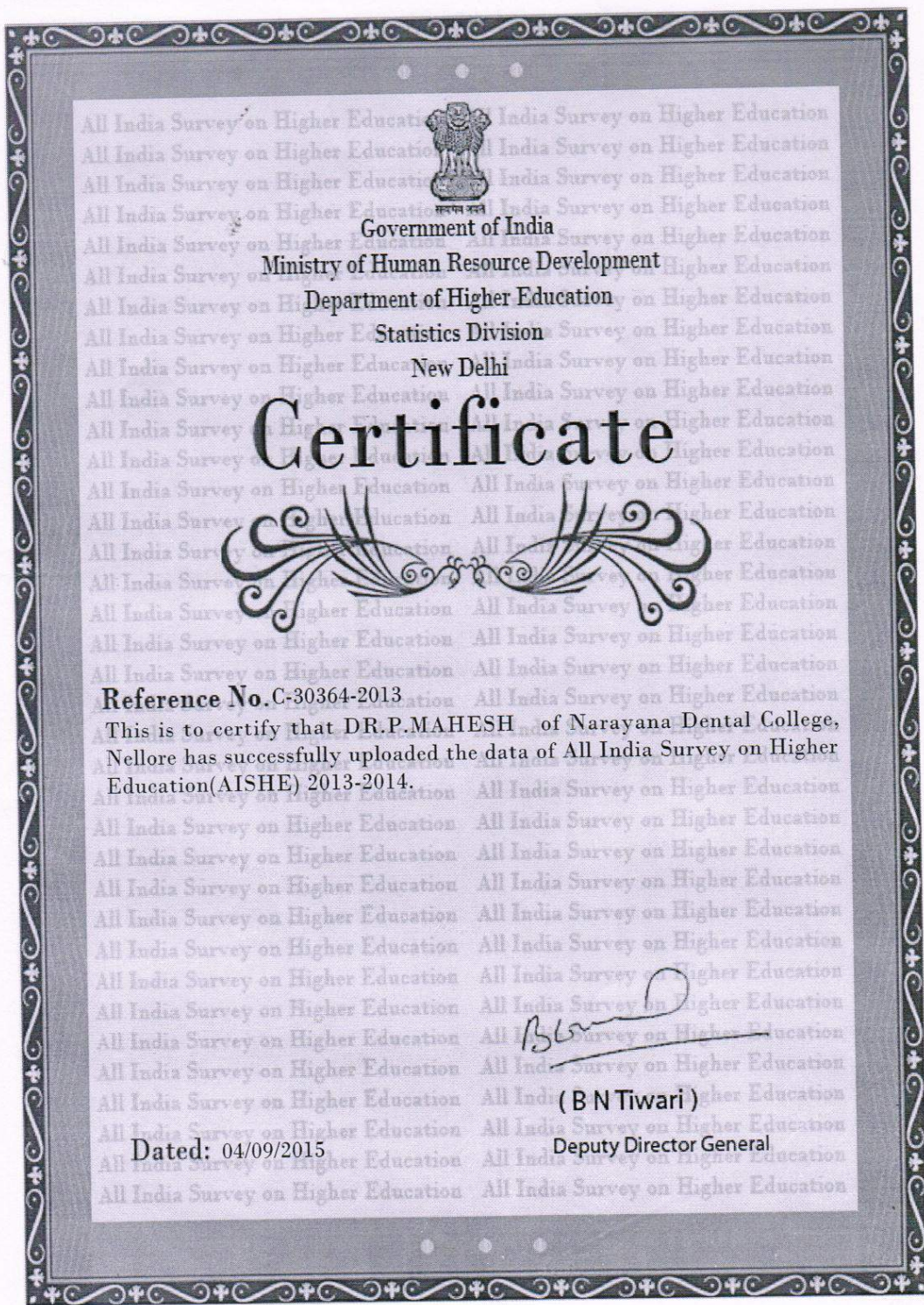
This is to certify that DR.P.MAHESH of Narayana Dental College, Nellore has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2014-2015.



(B N Tiwari)

Deputy Director General

Dated: 04/09/2015



Government of India
Ministry of Human Resource Development
Department of Higher Education
Statistics Division
New Delhi

Certificate



Reference No. C-30364-2013

This is to certify that DR.P.MAHESH of Narayana Dental College, Nellore has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2013-2014.

(B N Tiwari)

Deputy Director General

Dated: 04/09/2015

| VOL – 2 | | |
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| | Evaluative Report of the Departments | |
| 1. | Department of Oral & Maxillofacial Surgery | 02 |
| 2. | Department of Oral Medicine and Radiology | 16 |
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| 4. | Orthodontics & Dent facial Orthopedics | 86 |
| 5. | Department of Periodontics | 134 |
| 6. | Department of Prosthodontics, Crown & Bridge and Implantology | 158 |
| 7. | Pedodontics & Preventive Dentistry | 183 |
| 8. | Department of Public Health Dentistry | 221 |
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**Evaluative Report of the
Departments**

Narayana Dental College & Hospital, Nellore

Evaluative Report of the Department

- 1. Name of the Department:** Oral Medicine & Radiology
- 2. Year of establishment :** 2001
- 3. The Department is a Part of:** NDC& H, Nellore
- 4. Names of programs offered :** B.D.S., M.D.S. in Oral Medicine & Radiology
- 5. Interdisciplinary programs and departments involved:** Peripheral Postings of P.G.s for training in Diagnosis and Treatment & Newer Modalities in Indian Red Cross Cancer Hospital, Nellore
In Narayana General Hospital: General Radiology, General Medicine, E.N.T., Dermatology, Emergency Medicine, Neurology, Forensic Medicine & Advanced Research Laboratory
In Narayana Dental College posting of P.G.s in Oral Surgery & Oral Pathology
- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.**
Nil
- 7. Details of programs discontinued, if any, with reasons -** Nil
- 8. Examination System:** Annual
- 9. Participation of the department in the courses offered by other departments**
Basic Life Support Course & Training in Handling of Medical Emergencies by Dept. of Emergency Medicine
- 10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|-----------------------------|------------|--------|------------------------------|
| Professor | 2 | 2 | 2 |
| Associate Professor/Reader | 4 | 4 | 4 |
| Assistant Professor | 3 | 3 | 2 |
| Lecturer | 0 | 0 | 0 |
| Tutor / Clinical Instructor | 0 | 0 | 0 |
| Senior Resident | 0 | 0 | 0 |

Narayana Dental College & Hospital, Nellore



11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

| S. No. | Faculty Name & Designation | Qualification & Year of passing | Details of Teaching Experience in an approved/recognized institution after P.G. (proof of support to be provided) | | | | Total Experience as on 28 th February of current year |
|------------------------------|---------------------------------|---------------------------------|---|---------------------|-----------|----------------|--|
| | | | Designation | Institution | Period | | |
| | | | | | From | To | |
| PROFESSOR & H.O.D | | | | | | | |
| 1 | Dr.N.Kannan Prof. & H.O.D. | BDS,1990 MDS,1995 | Lecturer | SDMCDS, Dharwad | April.95 | Mar, 97 | 19Y-8M-11D |
| | | | Sr. Lecturer/Asst. Professor | -do- | April, 97 | Mar,01 | |
| | | | Reader/Assoc. Professor | SDMCDS, Dharwad | April, 01 | 14.05.02 | |
| | | | | Darshan DC, Udaipur | 20.05.02 | 20.06.03 | |
| | | | Professor | Rama DC, Kanpur | 24.06.03 | 31.12.04 | |
| | | | | CODS, Davangere | 10.01.05 | 11.02.06 | |
| | | | | NDC, Nellore | 13.02.06 | As on 31.12.14 | |
| PROFESSOR | | | | | | | |
| 1 | Dr.Khalil Kurian.C Professor | BDS,1991 MDS,1995 | Sr.Lecturer/Asst. Professor | AB Shetty IDS | 20.07.95 | 22.09.95 | 19Y-2M-9D |
| | | | | Yenopoya | 25.09.95 | 30.06.98 | |
| | | | Reader/Assoc. Professor | -do- | 01.07.98 | 06.11.98 | |
| | | | | KVG DC | 10.11.98 | 31.07.00 | |
| | | | | Ragas | 01.08.00 | 12.11.04 | |

Narayana Dental College & Hospital, Nellore



| | | | | | | | |
|----------------|-------------------------------|----------------------|------------------------------------|----------------------------|----------|----------------|------------|
| | | | Professor | Sree Balaji DC | 07.01.05 | 20.01.06 | |
| | | | | Ragas | 21.01.06 | 19.10.07 | |
| | | | Prof & HOD | Al Badar DC | 20.10.07 | 29.02.09 | |
| | | | | PSM DC | 01.03.09 | 30.11.11 | |
| | | | | Karpaga Vinayaga IDS | 01.12.11 | 28.02.13 | |
| | | | Professor | Narayana DC | 01.04.13 | As on 31.12.14 | |
| READERS | | | | | | | |
| 1 | Dr. Rakesh Kumar.M Reader | BDS,2001 MDS,2007 | Sr.Lecturer/ Asst. Professor | NDC,Nellore | 30.03.07 | 02.04.08 | 07Y-9M-01D |
| | | | | Manubhai DC, Vadodara | 03.04.08 | 02.04.09 | |
| | | | | Vyas DC, Rajasthan | 03.04.09 | 29.03.11 | |
| | | | Reader | -do- | 30.03.11 | 20.06.11 | |
| | | | | NDC, Nellore | 21.06.11 | As on 31.12.14 | |
| 2 | Dr.K.V.Suneel Kumar Reader | BDS,2000 MDS,2009 | Sr.Lecturer/ Asst. Professor | Al-Badar Rural DC,Gulbarga | 10.12.09 | 31.12.11 | 05Y-0M-20D |
| | | | | NDC, Nellore | 02.01.12 | 09.12.13 | |
| | | | Reader | -do- | 10.12.13 | As on 31.12.14 | |
| 3 | Dr.Venkata Sarath.P Reader | BDS,2005 MDS,2010 | Sr.Lecturer/ Asst. Professor | NDC, Nellore | 01.06.10 | 01.06.14 | 04Y-7M-0D |
| | | | | Reader | -do- | 02.06.14 | |

Narayana Dental College & Hospital, Nellore

| | | | | | | | |
|--------------|--|----------------------|--|-----------------|--------------|-----------------------|---------------|
| 4 | Dr. Beeraka Swapna Sridevi Reader | BDS,1996 MDS,2010 | Sr.Lecture r/ Asst. Professor | NDC, Nellore | 01.06.1 0 | As on 31.12.1 4 | 04Y-7M- 0D |
| | | | Reader | -do- | 02.06.1 4 | As on 31.12.1 4 | |
| SR.LECTURERS | | | | | | | |
| 1 | Dr.M.Supraja Chowdary Sr.Lecturer | BDS,2007 MDS,2013 | Sr.Lecture r/ Asst. Professor | NDC, Nellore | 01.02.1 4 | As on 31.12.1 4 | 0Y-11M- 0D |
| 2 | Dr.Billa Sree Devi Sr.Lecturer | BDS,2007 MDS,2014 | Sr.Lecture r/ Asst. Professor | NDC, Nellore | 01.07.1 4 | As on 31.12.1 4 | 0Y-6M- 0D |
| 3 | Dr.U.Lakshmi Prasanna Sr.Lecturer | BDS,2010 MDS,2014 | Sr.Lecture r/ Asst. Professor | NDC, Nellore | 01.07.1 4 | As on 31.12.1 4 | 0Y-6M- 0D |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - Nil

13. Percentage of classes taken by temporary faculty – program-wise information - Nil

14. Program-wise Student Teacher Ratio – 1:11 for BDS and 1:1 for MDS

Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

| | Sanctioned | Filled | Actual |
|----------------------|------------|--------|--------|
| Dept. Clerk | 0 | 0 | 0 |
| Chair side assistant | 02 | 02 | 02 |
| Radiographer | 02 | 02 | 02 |
| Nurse | 0 | 0 | 0 |
| Peon | 01 | 01 | 01 |

15. Research facility / centre with national recognition

Advanced Research Laboratory recognized by Dept. of Science & Technology

16. Publications:

INTERNATIONAL

2014-2015 04

Intl J Phytotherapy Res 2014 4 (2), 27-31

Intl J Preventive Med 2014 5 (4), 500

Annals Med & Health Sci J 2014, Vol.4, Issue 4, 549-553

Intl J Maternal & Child Health 2015 3 (1), 15-23

2013-2014 02

J Clin Imaging Sci 2013 3(10)1-4

Intl J Dent Clinics 2013 5 (2), 31-33

2012-2013 03 J Cranio Max Diseases 2012, Vol.1 134-136

Clin Cancer Inv J 2012, Vol.1, Issue 2, 74-76

J Oral Radiol 2012, Vol.28, Issue 2, 129-132

2010-2011 01

Int J Dent Clinics 2010:2(1):28-30

NATIONAL PUBLICATIONS

2013-2014 01

Dent Res J 2013, Vol.10, 666-673

2012-2013 02

J Adv & Res Dent 2012, Vol.1, 145-150

Contemp Clin Dent 2013, Vol.4, 427-431

2011-2012 01

JIAOMR 2011, Vol.23, S392-395

2010-2011 01

JIAOMR 2010, Vol.22, 113-115

Dr.N.Kannan

| Citation indices | All | Since 2010 |
|------------------|-----|------------|
| <u>Citations</u> | 108 | 86 |
| h-index | 7 | 6 |
| i10-index | 3 | 2 |

Dr.Rakesh Kumar Manne

| Citation indices | All | Since 2010 |
|------------------|-----|------------|
| Citations | 36 | 36 |
| h-index | 3 | 3 |
| i10-index | 1 | 1 |

Dr.P.V.Sarath

| Citation indices | All | Since 2010 |
|------------------|-----|------------|
| Citations | 29 | 29 |
| h-index | 3 | 3 |
| i10-index | 1 | 1 |

Dr.K.V.Suneel Kumar

| Citation indices | All | Since 2010 |
|------------------|-----|------------|
| Citations | 29 | 29 |
| h-index | 3 | 3 |
| i10-index | 1 | 1 |

Dr.Swapna Sreedevi

| Citation indices | All | Since 2010 |
|------------------|-----|------------|
| Citations | 10 | 10 |
| h-index | 2 | 2 |
| i10-index | 0 | 0 |

17. Details of patients and income generated –

18. Areas of consultancy and income generated - to office

19. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

Dr.N.Kannan as

E.C. Member, Joint Secy., Vice President & Hon. General Secy. of I.A.O.M.R.

I.A.O.M.R. National Convener for Collaboration with Foreign Universities & Organizations

Presently Hon. General Secy. Indian Dental Association, Nellore Branch

Founder President Tobacco Free Initiative of Narayana

Narayana Dental College & Hospital, Nellore

Reviewer – Contemp Clin Dent, Journal of Oro Facial sciences, JIAOMR, JIDR, JIAFO

Dr. Rakesh Kumar Manne

Reviewer – Contemporary clinical dentistry, Journal of orofacial sciences

Editorial board member – Journal of AIDS and HIV research

20. Awards / recognitions received at the national and international level by Faculty

2014-2015 03

Best Poster Award Dr.Prameela 2nd yr. P.G. at I.A.O.M.R. National P.G. convention

Best Paper Award Ms.Tejaswini 3rd B.D.S. at I.A.O.M.R. National U.G.Seminar

Best Paper Award Dr.Renuka Reddy H.S. at I.D.A. A.P. State Dental Conference

2013-2014 02

Best Poster Award Dr.Lavanya 2nd yr. P.G. I.E.P.N.G. Indo-US Intl Symposium

Best Paper Award Dr.Sai Neelima at I.A.O.M.R. National P.G. Convention

2012-2013 03

Dr.Teja Srinivas Best Paper Award (Case Report Category) I.A.O.M.R. National Conference, Lucknow

Dr.Lakshmi Prasanna Best Paper Award (Original Research Category) I.A.O.M.R. National Conference, Lucknow

Dr.Sreedevi Second Best Paper Award (Original Study Category) I.A.O.M.R. National Conference, Lucknow

2011-2012 01

Dr.Haritha Best Paper Award I.A.O.M.R. National Conference, Bangalore

2010-2011 01

Dr.Lalitha Srivalli Best Poster Award National Triple O Symposium, Raipur

2009-2010 02

Dr.Prashanthi Best Paper Award (Original Research Category) I.A.O.M.R. National PG Convention, Belgaum

Dr.Marina Lazar Chandy I.A.O.M.R. National Conference, New Delhi

Dr.N.Kannan

Best Paper Award 5th National Conference of Indian Academy of Oral Medicine held at Chennai in 1993

2nd Best Paper Award 6th National Conf. of Indian Academy of Oral Medicine & Radiology held at Bengaluru in 1994

Dr. Rakesh Kumar Manne

Second best paper presentation on Odontogenic Myxoma-a case report, at XVI National Conference of IAOMR at National Institute of Oceanography, Dona Paula, Goa on 14 -16/01/05.

P.G.Students

Best Paper Awards in National Conference of Indian Academy of Oral Medicine & Radiology: 4 No.s.

Best Paper Awards in National PG Convention of Indian Academy of Oral Medicine & Radiology: 4 No.s

Best Poster Awards in National Conference of Indian Academy of Oral Medicine & Radiology: 3 No.s.

Best Poster Award in Indo -US International Conference of I.E.P.N.G. Dr.Lavanya

21. Seminars/ Conferences organized with details of outstanding participants.

2014-2015 02

National Triple O Symposium Udaipur

C.D.E Program on Medically Compromised Dental Patient Kochi

2013-2014 03

I.A.O.M.R. National Conference Lucknow

I.A.O.M.R. National PG Convention Vadodara

Intl Symp by *Carcinogenesis Foundation USA* Bangalore

2012-2013 01

Andhra Pradesh State Dental Conference Kurnool

2011-2012 03

National Triple O Symposium Raipur

I.A.O.M.R. National PG Convention Belgaum

National Conference IAOMR Bangalore

2010-2011 01

I.A.O.M.R. National Conference New Delhi

1st State Level Symposium on Forensic Odontology organized in March 2007 with 400 delegates & Speakers Dr.Ashith Acharya H.O.D. Forensic Odontology S.D.M.C.D.S., Dr.N.Gnanasundaram Sr. Prof. O.M.D.R. from Chennai, Dr.M.C.Shashikanth Prof. O.M.D.R. from Davangere, Dr.R.V.Subramanyam Sr. Prof. Oral Pathology & Dr.B.V.Subrahmanyam

Narayana Dental College & Hospital, Nellore

Head Forensic Medicine, N.M.C., Nellore.

7th National Conference of Indian Academy of Oral Medicine & Radiology organized in December 1995 at Dharwad by Dr.N.Kannan with 400 delegates with Minister for Higher Education Mr.Basavaraj as Chief Guest and Dr.Kakarla Subba Rao President Indian Academy of General Radiology as the Guest of Honour

20th National Conference of Indian Academy of Oral Medicine & Radiology organized in December 2008 with 700 delegates from all over India. President of Dental Council of India was the Chief Guest & Dr.P.N.Awasthi Secretary Dental Council of India was the Guest of Honour.

300 scientific papers by students, 6 invited Guest lectures, 30 papers by Faculty and 70 posters by students were presented in the conference.

Pre Conference course on B.L.S. was conducted with American Heart Association certification by faculty of Emergency Department of S.R.M.C. Chennai.

Preconference course on Diagnostic & Clinical criteria for Oral Management of patients with Systemic diseases was conducted with Senior Professors Dr.Gnanasundaram from Saveetha Dental College & Dr.Bhoweer from K.L.E.Dental College, Belgaum as Faculty.

Preconference course on Interpretation of C.T. Scans in Maxillofacial region was conducted with Dr.Sharad Sahai from Imaging Institute Delhi and Dr.Umarji from G.D.C. Mumbai as Faculty.

I.A.O.M.R. LIFE MEMBERSHIP BADGE was released by D.C.I. President with personal badge presentation to Dr.Babu Mathew who is the first life member of I.A.O.M.R.

Honouring of Founder President of I.A.O.M.R. Dr.P.Ramachandra Reddy,

Honouring of Senormost faculty members Dr.Gnanasundaram, Dr.Babu Mathew, Dr.Koteeswaran, Dr.Bharati Parekh by D.C.I. President

22. Code of ethics for research followed by the departments

Yes based on ICMR guidelines.

23. Student profile program-wise:

| Name of the Program (refer to question no. 4) | Applications received | Selected | |
|--|-----------------------|----------|--------|
| | | Male | Female |
| BDS 2014-15 | 100 | 18 | 82 |
| MDS 2015-16 | 6 | 1 | 5 |

24. Diversity of students

| Name of the Program (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|---|--|---|---|---|
| BDS 2014-15 | 99% | 99% | 1% | 0 |
| MDS 2015-16 | 84% | 0 | 16% | 0 |

25. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

26. Student progression

| Student progression | Percentage against enrolled |
|--|-----------------------------|
| UG to PG | 7 (2013 onwards) |
| PG to M.Phil, DM / M Ch / DNB | NIL |
| PG to Ph.D. | NIL |
| Ph.D. to Post-Doctoral | NIL |
| Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment | 54 |
| Entrepreneurs | |

27. Diversity of staff

| Percentage of faculty who are graduates | |
|--|------------|
| of the same university | 66% |
| from other universities within the State | 11% |
| from universities from other States | 33% |
| from universities outside the country | 0 |

28. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period – Nil

29. Present details of departmental infrastructural facilities with regard to

a) Library

b) Internet facilities for staff and students

c) Total number of class rooms: 3No.s.

30. Number of post graduate students getting financial assistance from the university.

Scholarships being received by 1 P.G. student

31. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. - Nil

32. Does the department obtain feedback form?

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Faculty gives feedback on curriculum and teaching learning evaluation through structured feedback designed by the institution. In addition faculty provides feedback on library, infrastructure and organizational climate. Feedback is collected on all courses and programs. Through these feedbacks necessary information about the curriculum, teaching learning and evaluation is availed and necessary corrective actions initiated. From the analysis of feedback problem based learning, enrichment courses are initiated in all the departments. CPA cards are initiated. Library and online resources are used for teaching. Self directive learning measures are initiated.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Feedbacks are designed to be collected from students. Students submit feedback on performance of teacher. They also give feedback on courses, program and teaching learning evaluation. From these feedbacks library infrastructure upgraded, students project initiated, student research seed money initiated including evaluation reforms.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

The alumni give feedback on the programs, competence is gained and academic enrichment and continue dental education needed for improve. They give suggestion for institution

improvement.

33. List the distinguished alumni of the department (maximum 10)

34. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

2014-2015

Dr. N. Kannan: Diploma in Hospital Mgmt NIHFWS

Dr. N. Kannan: Master Reiki Therapy :R F India

2013-2014

Dr. N. Kannan: MSc Biotechnology Periyar University

Dr. N. Kannan: Sujok Therapy Intl. Sujok Association

2012-2013

Dr. N. Kannan: Dip Business Management by ICFAI

2011-2012

Dr. N. Kannan: Tobacco Cessation Training Workshop T.I.I.

2010-2011

Dr. N. Kannan: Certification Training in **BrushBiopsy**

Lecture on Lasers in Dentistry followed by Hands on Demonstration

Lecture on PCR in Dental Research followed by Hands on Demonstration

35. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Lectures, Clinical Demonstrations, Group Discussions, Seminars, Journal Clubs, Short Study projects, C.D.E. Programs

36. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

By obtaining feedback from staff and students

37. Highlight the participation of students and faculty in extension activities.

Participation in Anti Tobacco Rally on World No Tobacco Day

Oral Pre Cancer and Oral Cancer Screening Camps

38. Give details of “beyond syllabus scholarly activities” of the department.

Public Education on Harmful effects of Tobacco Program on Soorya T.V. and ACN T.V. on
Public Education on Harmful effects of Tobacco
Conducting Oral Cancer Awareness Screening Camps in the Villages

39. State whether the program/ department is accredited/ graded by other agencies?

Recognized by D.C.I for P.G. Teaching Course
Recognized by the T.I.I. Division of I.D.A. as Tobacco Cessation Centre

40. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Developed Special Impression Trays for Bite Mark Recording presented at National Conference of Forensic Medicine held at Nellore

41. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

Good Management
Full Time Academically Oriented Faculty
Medical College & Hospital Facility in Campus
Advanced Research Laboratory in Campus
Only Dental College in Entire District
Highest Number of Specialty PG Seats in the Country

Weaknesses:

The department periodical evaluates its performance & anticipates the problematic areas well in advance and finds effective solutions in case they arise. Presently there are no areas of weakness.

Opportunities:

Doing More Publications from the Department
Getting Cone Beam Computed Tomography Machine in the department
Expanding Seminar Hall in the Department
Getting Automatic Film Processors (Intra Oral & Extra Oral)



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Getting B.A.R.C. Calibration and Certification for Radiology Equipment

Starting Oral Cancer Diagnostic Centre in the Department

Challenges:

To Establish 1st Tobacco Cessation Centre for the entire district

To Establish Oral Precancer Registry for the entire district

To get ICMR & DST funded projects for the Department

42. Future plans of the department:

To Start PhD Course in the Department



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Evaluative Report of the Department

1. Name of the Department: Department of Oral Maxillofacial Surgery

2. Year of establishment: UG – 2000, PG 2007

3. Is the Department part of a college/Faculty of the university?

Department is part of Narayana Dental College approved by NTR University of Health Sciences

4. Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG – BDS: Bachelor of Dental Surgery

PG – MDS: Master of Dental Surgery

5. Interdisciplinary programs and departments involved

- Interdisciplinary seminars & case discussions are done among Departments of oral maxillofacial surgery, oral medicine & radiology, oral pathology, Prosthodontics, Periodontics and Pedodontics.

- Postgraduate students of the department actively participate in ward rounds, case discussions & consultations in medical allied departments like Neurosurgery, Plastic surgery, Nephrology, Orthopedics, ENT, Cardiovascular surgery General medicine & General Surgery.

- Postgraduate students of the department are posted in Accident & Emergency Department to attend maxillofacial casualties round the clock throughout the year.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

None

7. Details of programs discontinued, if any, with reasons

None

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Annual Examination System

9. Participation of the department in the courses offered by other departments

None

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|-----------------------------|------------|--------|------------------------------|
| Professor | 2 | 3 | 3 |
| Associate Professor/Reader | 4 | 4 | 4 |
| Assistant Professor | 4 | 4 | 6 |
| Lecturer | | | |
| Tutor / Clinical Instructor | | | 1 |
| Senior Resident | | | |

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

| Name | Qualification | Designation | Specialization | No. of Years of Experience |
|------------------------|----------------|-------------|----------------------------|----------------------------|
| Dr D Sathyakumar | MDS | Prof.& HOD | Oral maxillofacial surgery | 16 + yrs |
| Dr RV Kishore Kumar | MDS: FIBOMS | Professor | Oral maxillofacial surgery | 13 +yrs |
| Dr Ramesh Babu | MDS | Professor | Oral Maxillofacial Surgery | 9 + yrs |
| Dr G Rajasekhar | MDS:DNB | Professor | Oral maxillofacial surgery | 9 +yrs |
| Dr G Madan Mohan Reddy | MDS | Reader | Oral maxillofacial surgery | 7 +yrs |
| Dr N Chaitanya | MDS | Reader | Oral | 6 + yrs |

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| | | | | |
|--------------------|-----|--------|----------------------------|---------|
| | | | maxillofacial surgery | |
| Dr K Sridhar Reddy | MDS | Reader | Oral maxillofacial surgery | 6 + yrs |

| Name | Qualification | Designation | Specialization | No. of Years of Experience |
|--------------------|---------------|-------------|----------------------------|----------------------------|
| Dr DMallikarjunRao | MDS | Asst Prof | Oral maxillofacial surgery | 3+ yrs |
| Dr A swapna | MDS | Asst Prof | Oral maxillofacial surgery | 3+ yrs |
| Dr Sunayana | MDS | Asst Prof | Oral maxillofacial surgery | 1+ yrs |
| Dr Pallavi | BDS | Tutor | - | 6 +yrs |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Prof Dr C Kumarvelu MDS senior faculty Emeritus Professor

13. Percentage of classes taken by temporary faculty – program-wise information

None. There is no temporary faculty

14. Program-wise Student Teacher Ratio

UG - 10:1, PG – 1.5: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Clerk

Sister

Attender

Attender

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Sweeper

16. Research thrust areas as recognized by major funding agencies

None

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

2014-2015 05

1. Comparative evaluation of Delta plate vs. double miniplate in subcondylar fractures.
2. A traumatic extractions – Role of physics forceps
3. Comparative evaluation of immediately loaded implants bioactivated with PRP vs. implants not coated with PRP in mandibular posterior region.
4. Versatility of Bardach's palatoplasty in cleft palate repair.
5. Hard tissue & soft tissue changes following anterior maxillary distraction

2013-2014 05

6. Zygomatic arch fracture open vs. closed reduction
7. Evaluation of efficacy of arthrocentesis in internal derangement of TMJ
8. Comparative analysis of peri implant bone levels of immediate loading & delayed loaded implants
9. Soft tissue changes after mandibular orthognathic surgeries
10. Versatility of Pfeiffer's technique

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

None

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

None

20. Research facility / centre with

Advanced Research Center - Narayana Medical College (within the campus)

- state recognition
- national recognition

- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Animal Laboratory facility

Real time PCR facility

Stem cell unit

22. Publications:

* Number of papers published in peer reviewed journals (national / international) (attached below)

International – 2 in last five years (total -6)

National – 8 in last five years (total -14)

State/university – 8

National publication

2014-2015 3

1. Journal of Maxillofacial & Oral Surgery : Evaluation of Non-vascular Fibula Graft for Mandibular Reconstruction
2. .Contemporary Clinical Dentistry 2015
3. Faciomaxillary fractures in a Semi-urban South Indian Teaching Hospital: A retrospective analysis of 638 cases.

2013-2014 3

4. Indian Journal of Plastic Surgery - Transoral versus extra oral approach for mandibular angle fractures: A comparative study
5. Indian Journal of Plastic Surgery: Three-dimensional assessment of unilateral subcondylar fracture using computed tomography after open reduction
6. Annals of Maxillofacial Surgery: Central chondrosarcoma of a pediatric mandibular condyle: A case report and review

2012-2013 1

7. Journal Maxillofacial & Oral Surgery: A Clinician's Role in the Management of Soft Tissue Injuries of the Face: A Clinical Paper

2011-2012 1

Journal Maxillofacial & Oral Surgery : Cutaneous sinuses of cervicofacial region: a clinical study of 200 cases

INTERNATIONAL PUBLICATIONS

2012-2013 2

1. Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology Mucormycotic skull base osteomyelitis: A case report
Archives of International Surgery: Access osteotomies of maxillofacial region: A report of three cases

2011-2012 1

2. Journal of Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology Sympathetic ophthalmia: a review of literature

2010-2011 1

- Journal of Oral and Maxillofacial Surgery Metastatic thyroid carcinoma presenting as hypervascular lesion of the mandible: a case report and review of literature

9. Staff Assessment for Publication

| S.No | Faculty Name & Designation | Name of the Journal | Category I/II | Year of Publication | Points |
|------|----------------------------|---------------------|---------------|---------------------|--------|
|------|----------------------------|---------------------|---------------|---------------------|--------|

| | | | | |
|--|---|---|------|-----|
| Dr SathyaKumar Prof & HOD | Contemporary Clinical Dentistry | I | 2015 | 15 |
| | Journal of Maxillofacial & Oral Surgery | I | 2014 | 15 |
| | Indian Journal of Plastic Surgery | I | 2014 | 15 |
| | Indian Journal of Plastic Surgery | I | 2014 | 15 |
| | Annals of Maxillofacial Surgery | I | 2014 | 15 |
| | Journal of Oral & Maxillofacial Surgery , medicine & Pathology | I | 2013 | 15 |
| | Journal Maxillofacial & Oral Surgery | I | 2013 | 15 |
| | Journal Maxillofacial & Oral Surgery | I | 2012 | 15 |
| | Journal of Oral Surgery, Oral | I | 2011 | 7.5 |

| | | | | |
|--|---|----|------|-----|
| | Medicine, Oral Pathology, Oral Radiology, and Endodontology | | | |
| | Journal Of Oral & Maxillofacial Surgery (American) | I | 2010 | 7.5 |
| | Journal of Maxillofacial & Oral Surgery | I | 2009 | 7.5 |
| | State Journal of Oral Maxillofacial Surgery | II | 2010 | 5 |
| | State Journal of Oral Maxillofacial Surgery | II | 2010 | 5 |
| | State Journal of Oral Maxillofacial Surgery | II | 2010 | 5 |

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| S.No | Faculty Name & Designation | Name of the Journal | Category I/II | Authorship (1 st /2 nd /3 rd) | Year of Publication | Points |
|------|---|--|---------------|---|---------------------|--------|
| 2 | Dr RV Kishore Kumar Professor | Contemporary Clinical Dentistry | I | 3 rd | 2015 | 7.5 |
| | | Journal of Maxillofacial & Oral Surgery | I | 3 rd | 2014 | 7.5 |
| | | Indian Journal of Plastic Surgery | I | 1 st | 2014 | 15 |
| | | Indian Journal of Plastic Surgery | I | 1 st | 2014 | 15 |
| | | Annals of Maxillofacial Surgery | I | 2 nd | 2014 | 7.5 |
| | | Journal of Indian society of pedodontics | I | 3 rd | 2014 | 7.5 |
| | | Journal of Oral & Maxillofacial Surgery , medicine & Pathology | I | 2 nd | 2013 | 7.5 |
| | | Journal Maxillofacial & | I | 1 st | 2013 | 15 |



| | | | | | | |
|--|--|----|-----------------|------|-----|--|
| | Oral Surgery | | | | | |
| | Journal Maxillofacial & Oral Surgery | I | 1 st | 2012 | 15 | |
| | Journal of Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology | I | 3 rd | 2012 | 7.5 | |
| | Journal Of Oral & Maxillo Facial Surgery (American) | I | 1 st | 2010 | 15 | |
| | Journal of Maxillofacial & Oral Surgery | I | 2 nd | 2009 | 7.5 | |
| | State Journal of Oral Maxillofacial Surgery | II | 1 st | 2010 | 5 | |
| | State Journal of Oral Maxillofacial Surgery | II | 1 st | 2010 | 5 | |

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| | | | | | | |
|--|--|---|--|--|--|--|
| | | State Journal of Oral Maxillofacial Surgery | | | | |
|--|--|---|--|--|--|--|

| S.No | Faculty Name & Designation | Name of the Journal | Category I/II | Authorship (1 st /2 nd /3 rd) | Year of Publication | Points |
|------|--------------------------------------|--|---------------|---|---------------------|--------|
| 3 | Dr.V.Ramesh Babu Professor | Indian Journal of Dental Research | I | 1 st | 2005 | 15 |
| | | Journal of Clinical and Diagnostic Research | I | 1 st | 2014 | 15 |
| | | Journal of International Oral health | I | 2 nd | 2015 | 15 |
| | | Journal of Research and Advancement in Dentistry | I | 2 nd | 2015 | 7.5 |
| | | Journal of Clinical Dental Research Education | I | 4 th | 2014 | 7.5 |
| | | | | | | |

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| S.No. | Faculty Name & Designation | Name of the Journal | Category I/II | Year of Publication | Points |
|-------|---|--|---------------|---------------------|--------|
| 4 | Dr. Rajasekhar Gali Professor | Contemporary Clinical Dentistry | I | 2015 | 15 |
| | | Annals and Essences of Dentistry | II | 2014 | 5 |
| | | Asian Journal of Neurosurgery | I | 2014 | 7.5 |
| | | Journal of Maxillofacial & Oral Surgery | I | 2014 | 7.5 |
| | | Indian Journal of Plastic Surgery | I | 2014 | 7.5 |
| | | Indian Journal of Plastic Surgery | I | 2014 | 7.5 |
| | | Annals of Maxillofacial Surgery | I | 2014 | 7.5 |
| | | Journal of Oral & Maxillofacial Surgery , medicine & Pathology | I | 2013 | 7.5 |
| | | Journal Maxillofacial & Oral Surgery | I | 2013 | 7.5 |

| | | | | | |
|--|--|---|----|------|-----|
| | | Journal Maxillofacial & Oral Surgery | I | 2012 | 7.5 |
| | | Journal of Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology | I | 2011 | 7.5 |
| | | Journal Of Oral & Maxillo Facial Surgery (American) | I | 2010 | 7.5 |
| | | Journal of Maxillofacial & Oral Surgery | I | 2009 | 7.5 |
| | | Archives of International surgery | II | 2013 | 2.5 |

| | | | | | |
|------------------------------------|---|---|-----------------|------|-----|
| 5. Dr N Chaitanya Reader | Contemporary Clinical Dentistry | I | 1 st | 2015 | 7.5 |
| | Journal of Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology | I | 1 st | 2012 | 15 |

| | | | | | |
|--|---|---|-----------------|------|-----|
| | Journal Maxillofacial & Oral Surgery | I | 4 th | 2012 | 7.5 |
| | Journal of Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology | I | 1 st | 2011 | 15 |
| | Journal of Plastic, Reconstructive & Aesthetic Surgery | I | 1 st | 2011 | 15 |

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| Faculty Name & Designation | Name of the Journal | Category I/II | Authorship (1 st /2 nd /3 rd) | Year of Publication | Points |
|---|---|---------------|---|---------------------|--------|
| Dr K Sridhar Reddy READER | Contemporary Clinical Dentistry | I | 4 th | 2015 | 7.5 |
| | Journal of Maxillofacial & Oral Surgery | I | 4 th | 2014 | 7.5 |
| | Indian Journal of Plastic Surgery | I | 4 th | 2014 | 7.5 |
| | Annals and Essences of Dentistry | II | 1 st | 2014 | 5 |
| | Indian Journal of Plastic Surgery | I | 4 th | 2014 | 7.5 |
| | Annals of Maxillofacial Surgery | I | 4 th | 2014 | 7.5 |
| | Journal of Oral & Maxillofacial Surgery , | I | 4 th | 2013 | 7.5 |

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| | | | | | |
|--|---|----|-----------------|------|-----|
| | medicine & Pathology | I | 4 th | 2012 | 7.5 |
| | Journal Maxillofacial & Oral Surgery | I | 4 th | 2009 | 7.5 |
| | Journal of Maxillofacial & Oral Surgery | II | 4 th | 2013 | 2.5 |
| | Archives of International surgery | | | | |

| Faculty Name & Designation | Name of the Journal | Category I/II | Authorship (1 st /2 nd /3 rd) | Year of Publication | Points |
|---|---|---------------|---|---------------------|--------|
| 7. Dr G.Madan Mohan Reddy Reader | Journal Of Pearldent Vol 3 Issue 4 (2012) <i>Page No. 6 to 9</i> | II | 1 st | 2012 | 5 |
| | International Journal of Oral Health sciences and advances <i>Vol-1, Issue-1 Page No. 1 to</i> | II | 5 th | 2013 | 2.5 |

| | | | | | |
|--|--|----|-----------------|------|-----|
| | 4 | | | | |
| | International Journal of Oral Health sciences and advances <i>Vol-1, Issue-1</i> <i>Page No.10 to 12</i> | II | 3 rd | 2013 | 2.5 |
| | Annals and Essences of Dentistry | II | 3 rd | 2014 | 2.5 |
| | Annals and Essences of Dentistry | II | 3 rd | 2014 | 2.5 |

- * **Monographs**
- * **Chapters in Books**
- * **Books edited**
- * **Books with ISBN with details of publishers**
- * **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)**
- * **Citation Index – range / average**
- * **SNIP**
- * **SJR**
- * **Impact Factor – range / average**
- * **h-index**

23. Details of patents and income generated

None

24. Areas of consultancy and income generated

Areas of consultancy are

- Exodontias
- Minor oral surgical procedures
- Head & neck infections
- Head & neck pathologies
- Maxillofacial trauma
- Orthognathic surgeries
- Cleft Lip & palate surgeries
- Implantology

Annual income – 15 lakhs average

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Dr Rajasekhar MDS OMFS selected nationally to visit RamchandraMedcial college research facility at Chennai.

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other(specify)

Dr Rajasekhar MDS OMFS – Reviewer Journal maxillofacial & oral surgery

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

NTR Health University annual workshops

Zonal CDE programs

IDA symposium & CDE programs

AP State AOMSI Conferences

AOMSI national conferences

28. Student projects : None

- percentage of students who have taken up in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by

- Faculty

Prof Dr RV Kishore Kumar – *FIBOMS Fellow in Indian Board of Oral Maxillofacial Surgeons.*

Dr Rajasekhar – *DNB Diplomate National Board*

- Doctoral / post doctoral fellows
- Students

2014-2015 01

Prof Dr Kishore Kumar awarded FIBOMS Fellow Indian Board of Oral Maxillofacial Surgery 2015

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

2014-2015 07

1. AOMSI National conference – Amritsar
2. AOMSI midterm national conference – Vijayawada
3. AOMSI National conference - Goa
4. OncoSurg-National Conference of Surgical Oncology - Chennai
5. AOMSI state Conference – Bhimavaram
6. ICOI- International conference Oral Implantology – Hyderabad
7. Biterm Tissue engineering & regenerative medicine, Anna University Chennai

2013-2014 04

8. AOMSI National Bhubaneswar
9. AOMSI State Conference Ongole
10. Oral Oncology – CME Adyar Cancer Institute
11. Cleft Rhinoplasty – Perinthalmanna Kerala

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2012-2013 02

- 12. AOMSI National Hyderabad
- 13. AOMSI state Conference –Visakhapatnam

2011-2012 03

- 14. AOMSI National New Delhi
- 15. Oral Oncology KIDWAI Bangalore
- 16. IndoCleft CON – Bangalore

2010-2011 02

- 17. AOMSI National Coimbatore
- AOMSI State Conference – Hyderabad

Conference/workshop conducted

2013-2014 1

- 1. Scientific Session conducted by department at State AOMSI Conference held at Ongole

31. Code of ethics for research followed by the departments

- Helsinki declaration
- University Ethical Committee Board
- Institutional Ethical Committee Board

32. Student profile program-wise:

33. Diversity of students

| Name of the Program (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|--|--|--|---|------------------------------------|
| BDS | 100% | None | None | None |
| MDS | ----- | ----- | ----- | ----- |

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

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DrVamsi Krishna Alumni 2007 BDS : Cleared UPSC IPS 2014 batch

35. Student progression

| Student progression | Percentage against enrolled |
|--|-----------------------------|
| UG to PG | |
| PG to M.Phil, DM / M Ch / DNB | None |
| PG to Ph.D. | None |
| Ph.D. to Post-Doctoral | None |
| Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment | None |
| Entrepreneurs | |

36. Diversity of staff

| Percentage of faculty who are graduates | |
|--|------|
| of the same university | 50 % |
| from other universities within the State | - |
| from universities from other States | 50 % |
| from universities outside the country | - |

37. of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

None

38. Present details of departmental infrastructural facilities with regard to

a) Library

Department library has book international & national authors

| | | | | |
|---|------------|----------------------------|--------|--------|
| DEPT.NAME: Oral & Maxillofacial Surgery | | | | |
| BOOKS AVAILABLE IN DEPARTMENTAL LIBRARY | | | | |
| S. N O | ACC .NO | TITTLE OF THE BOOK | AUTHOR | E D |
| FOREIGN TITLES | | | | |
| 1 | 18 | PRINCIPLES OF ORAL SURGERY | MOORE | 4T |

| | | | | |
|----|------|---|----------------|--------------|
| | | | | H |
| 2 | 376 | ORAL & MAXILOFACIAL SURGERY VOL-1 | LASKIN | 1S T |
| 3 | 434 | KELLEY'S&KEYS OUT LINE OF ORAL SURGERY VOL-1 | SEWARD | 2N D |
| 4 | 1089 | BAILY & LOVE SHORT PRACTICE OF SURGERY | RUSSELL | 23 R D |
| 5 | 1095 | KELLEY'S&KEYS OUT LINE OF ORAL SURGERY VOL-2 | SEWARD | 2N D |
| 6 | 1099 | KILLEY'S FRACTURES OF THE MIDDLE THIRD OF THE FACIAL SKELETON | PETER BANKS | 3R D |
| 7 | 1257 | KILLEY'S FRACTURES OF THE MANDIBLE | PETER BANKS | 4T H |
| 8 | 1382 | ORAL & MAXILOFACIAL SURGERY VOL-2 | LASKIN | 1S T |
| 9 | 1714 | ORAL PATHOLOGY | SHAFERS | 4T H |
| 10 | 2172 | A SYNOPSIS OF MINOR ORAL SURGERY | DIMITROULIS | 1S T |
| 11 | 2183 | HAND BOOK OF THIRD MOLAR SURGERY | DIMITROULIS | 1S T |
| 12 | 2282 | CONTEMPORARY MAXILLOFACIAL SURGERY | PETERSON | 4T H |
| 13 | 2490 | BURKITS ORAL MEDICINE | BURKITS | 10 T H |
| 14 | 2518 | FONSECA ORAL MAXILLOFACIAL TRAUMA VOL 2 | FONSECA | 3R D |
| 15 | 2519 | FONSECA ORAL MAXILLOFACIAL TRAUMA VOL 1 | FONSECA | 3R D |
| 16 | 2595 | THE EXTRACTION OF TEETH | HOWE | 2N D |

| | | | | |
|----|------|--|-------------------|---------------------|
| 17 | 2632 | DIFFERENTIAL DIAGNOSIS OF ORAL & MAXILLOFACIAL LESSIONS | WOOD & GOAZ | 5T H |
| 18 | 2786 | ORAL & MAXILLOFACIAL PATHOLOGY | NEVILLE | 2N D |
| 19 | 2921 | LORE & MEDINA AN ATLAS OF HEAD & NECK SURGERY | LORE | 4T H |
| 20 | 2925 | ORAL & MAXILLOFACIAL INFECTIONS | TOPAZIAN | 4 ^T H |
| 21 | 2937 | CRANIOFACIAL DISTRACTION OSTEOGENESIS | SAMCHUKOV | 1 ST |
| 22 | 2944 | CLINICAL AND OPERATIVE METHODS IN ENT AND HEAD & NECK SURGERY | HAZARIKA | 1 ST |
| 23 | 2953 | AN INTRODUCTION TO ORAL & MAXILLOFACIAL SURGERY | DAVID A. MITCHELL | 1 ST |
| 24 | 3018 | ATLAS OF CRANIOFACIAL & CLEFT SURGERY | KENNETH & SALYER | 1 ST |
| 25 | 3056 | MANUAL OF ORAL & MAXILLOFACIAL SURGERY | DONOFF | 3 ^R D |
| 26 | 3164 | MEDICAL LAW FOR THE DENTAL SURGEON | GEORGE PAUL | 1 ST |
| 27 | 3195 | SURGICAL RECONSTRUCTION OF THE FACE AND ANTERIOR SKULL BASE | MANIGTIA | 1 ST |
| 28 | 3222 | MAXILLOFACIAL TRAUMA AND ESTHETIC FACIAL RECONSTRUCTION | WARDBOOTH | 1 ST |
| 29 | 3424 | HEAD & NECK AND DENTAL EMERGENCIES | MIKE PERRY | 1S T |
| 30 | 3426 | INFECTION CONTROL & MANG. OF HAZARDOUS MATERIALS FOR THE DENTAL TEAM | MILLER | 3R D |
| 31 | 3538 | COLOR ATLAS OF DENTAL IMPLANT SURGERY | BLOCK | 2N D |
| 32 | 3548 | DAVIDSON'S PRINCIPLES AND PRACTICE OF MEDICINE | BOON | 20 T H |

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| 33 | 3772 | PRINCIPLES OF ORAL & MAXILLOFACIAL SURGERY VOL1 | PERTERSON | 2N D |
| 34 | 3773 | PRINCIPLES OF ORAL & MAXILLOFACIAL SURGERY VOL2 | PERTERSON | 2N D |
| 35 | 3845 | CONTEMPORARY TREATMENT OF DENTOFACIAL DEFORMITY | WILLIAM R. PROFFIT | 1S T |
| 36 | 3864 | CONTEMPORARY ORAL & MAXILLOFACIAL SURGERY | JAMES R. HUPP | 5T H |
| 37 | 3898 | MAXILLOFACIAL SURGERY - VOL 1 | PETERWARD BOOTH | 2N D |
| 38 | 3899 | MAXILLOFACIAL SURGERY - VOL 2 | PETERWARD BOOTH | 2N D |
| 39 | 3901 | MAXILLOFACIAL INJURIES - VOL 1 | ROWE & WILLIAMS | 1S T |
| 40 | 3903 | MAXILLOFACIAL INJURIES - VOL 2 | ROWE & WILLIAMS | 1S T |
| 41 | 4646 | THE EXTRACTON OF TEETH | HOWE | 2N D |
| 42 | XER OX | FONSECA ORAL MAXILLOFACIAL TRAUMA | FONSECA | 3R D |
| 43 | XER OX | FONSECA ORAL MAXILLOFACIAL SURGERY VOL1-7 | FONSECA | 1S T |
| 44 | XER OX | PRINCIPLES OF ORAL & MAXILLOFACIAL SURGERY VOL1 & 2 | PERTERSON | |
| <i>ANAESTHESIA</i> | | | | |
| 45 | 450 | MONHEIM'S LOCAL ANAESTHESIA | BENNET | 1S T |
| 46 | 1256 | MEDICAL EMERGENCIES IN THE DENTAL OFFICE | MALAMED | 5T H |
| 47 | 373 | TEXT BOOK OF LOCAL ANAESTHESIA | MALAMED | 2N D |
| 48 | 3895 | ANAESTHESIA & ANALGESIA IN DENTISTRY | BAJAJ | 1S T |

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| 49 | 4642 | HAND BOOK OF LOCAL ANAESTHESIA, 5E | MALAMED | 5E D |
| <i>INDIAN TITLES</i> | | | | |
| 50 | 75 | ORTHOGNATHIC SURGERY..ESTHETIC SURGERY OF THE FACE | MANI | 1S T |
| 51 | 334 | INFECTION CONTROL IN DENTLA PRACTICE | SAMARANAY AKE | 1S T |
| 52 | 363 | SURGERY FOR DENTAL STUDENTS & PRACTIONERS | GANARAJAN | 1S T |
| 53 | 483 | TOBACO RELATED MUCOSAL LESSONS&CONDITION IN INDIA | MEHTA | 1S T |
| 54 | 1107 | VIVA IN ORAL SURGERY | HARMEET SINGH | 1S T |
| 55 | 1108 | ORAL MAXILLOFACIAL SURGERY SECRETS | ABUBAKAR | 1S T |
| 56 | 1112 | ORAL MAXILOFACIAL SURGERY | ANIL MALLIK | 1S T |
| 57 | 1951 | TEXT BOOK OF ORAL&MAXILOFACIAL SURGERY | SRINIVASAN | 2N D |
| 58 | 2174 | THE TEXT BOOK OF ORAL & MAXILLOFACIAL SURGERY | KRUGER | 6T H |
| 59 | 2208 | A CONCISE TEXT BOOK OF SURGERY | DAS | 3R D |
| 60 | 2935 | SURGERY FOR THE ORAL & MAXILLOFACIAL CYST & TUMOURS | DR.RANAJITS EN | 1S T |
| 61 | 2955 | TEXT BOOK OF ORAL & MAXILLOFACIAL ANATOMY, HISTOLOGY AND EMBRYOLOGY | S.R.PRABHU | 1S T |
| 62 | 3405 | ORAL & MAXILLOFACIAL SURGERY SECRETS | OMAR | 2N D |
| 63 | 3407 | TEXT BOOK OF ORAL & MAXILLOFACIAL SURGERY | SM BHALAJI | 1S T |
| 64 | 3523 | CLINICAL REVIEW OF ORAL & MAXILLOFACIAL SURGERY | BAGHERI | 1S T |

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| 65 | 3557 | A TEXT BOOK ON SURGICAL SHORT CASES | S.DAS | |
| 66 | 3559 | A CONCISE TEXT BOOK OF SURGERY WITH ORTHO & FRACTURE | S.DAS | 4T H |
| 67 | 3574 | TEXT BOOK OF ORAL & MAXILLOFACIAL SURGERY | CHITRA CHAKRAVAR THI | |
| 68 | 4622 | TEXT BOOK OF ORAL AND MAXILLOFACIAL SURGERY, 2E | VINOD KAPOOR | 2N D |
| 69 | 4632 | TEXT BOOK OF ORAL & MAXILLOFACIAL SURGERY, 2E | SM BALAJI | 1S T |
| 70 | 4636 | TB OF ORAL MAXILLOFACIAL SURGERY, 3E | ANIL MALIK | 3E D |
| <i>GENERAL DENTISTRY BOOKS</i> | | | | |
| 71 | 1407 | REVIEW OF DENTISTRY VOL-1 | DAVAN | 1S T |
| 72 | 1413 | REVIEW OF DENTISTRY VOL-2 | DAVAN | 1S T |
| 73 | 1958 | CLINICAL DENTISTRY | DIAS | 1S T |
| 74 | 3161 | PRACTICAL DENTISTRY | BALWANT RAI | 1S T |
| <i>PRE-CLINICAL BOOKS</i> | | | | |
| 75 | 2415 | HUMAN ANATOMY | B.D. CHOURASIA | 4T H |
| 76 | 671 | GRAYS ANATOMY | GRAYS | 38 T H |
| 77 | 2895 | GRAY'S ANATOMY FOR STUDENTS | DRAKE | 39 T H |
| 78 | 1987 | REVIEW OF MEDICAL PHYSIOLOGY | GANANG | 21 E D |

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| 79 | 1068 | HARPER'S BIO CHEMISTRY | HARPER | 25 T H |
| 80 | 732 | GOODMAN & GILMAN'S THE PHARMACOLOGICAL BASIS OF THERAPEUTICS | HARDMAN | 10 T H |
| | | <i>TOTAL NO. OF BOOKS : 80 BOOKS</i> | | |

| LIBRARY BOOK LIST (TITLE WISE) | | | | |
|-------------------------------------|---|---------------------|--------------|-------------|
| (TITLE WISE) | | | | |
| DEPT. OF ORAL MAXILLOFACIAL SURGERY | | | | |
| SL. NO | TITLE OF BOOKS | AUTHOR | E D | Q T Y |
| 1 | A CONCISE TEXT BOOK OF SURGERY | DAS | 4T H | 5 |
| 2 | A MANUAL OF ORAL AND MAXILLOFACIAL SURGERY | COLIN YATES | 1S T | 2 |
| 3 | A SYNOPSIS OF MINAR ORAL SURGERY | DIMITROULIS. G | 1S T | 4 |
| 4 | A TEXT BOOK OF SURGICAL SHORT CASES | DAS | 3R D | 5 |
| 5 | AN ATLAS OF MINOR ORAL SURGERY:PRINCIPLES & PRACTICE | DAVID A MC GOWAN | 2N D | 1 |
| 6 | AN INTRODUCTION TO ORAL AND MAXILLOFACIAL SURGERY | MITCHELL | 1S T | 2 |
| 7 | AN OUTLINE OF ORAL SURGERY PART-II DENTALL PRACTICE | KILLEY | 11 T H | 4 |
| 8 | ANAESTHESIA & ANALGESIA DENTISTRY | BAJAJ | 1E D | 3 |

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| 9 | ANATOMY OF OROFACIAL STRUCTURES | BRAND | 7T H | 3 |
| 10 | ATLAS OF CRANIOFACIAL & CLEFT SURGERY VOL1 | SALYER | 1S T | 1 |
| 11 | ATLAS OF CRANIOFACIAL & CLEFT SURGERY VOL2 | SALYER | 1S T | 1 |
| 12 | ATLAS OF CRANIO-MAXILLOFACIAL SURGERY | ROBERT M. KELLMAN | 1S T | 1 |
| 13 | ATLAS OF ORAL & MAXILLOFACIAL SURGERY | KEITH | 1S T | 1 |
| 14 | BAKER'S LOCAL FLAPS IN FACIAL RECONSTRUCTION | BAKER | 2N D | 1 |
| 15 | BONE AUGMENTATION IN IMPLANTOLOGY | FOUAD KHOURY | 1S T | 1 |
| 16 | BONE GRAFTING TECHNIQUES FOR MAXILLOFACIAL IMPLANTS | KAHNBERG | 1S T | 2 |
| 17 | BONE: BIOLOGY HARVESTING AND GRAFTING FOR DENTAL IMPLANT | ARUN KO GARG | 1S T | 1 |
| 18 | CANCER AND THE ORAL CAVITY | WILLIAM CARL | 1S T | 1 |
| 19 | CANCER OF THE HEAD AND NECK | MYERS | 4T H | 1 |
| 20 | CLEFT LIP AND PALATE | BERKOWITZ | 1S T | 1 |
| 21 | CLEFT PALATE AND CRANIOFACIAL ANOMALIES EFFECTS ON SPEECH AND RESONANC | ANN.WKUMAR | 2N D | 1 |
| 22 | CLINICAL AND OPERATIVE METHODS IN ENT AND HEAD AND NECK SURGERY:A SYST | HAZARIKA | 1S T | 2 |
| 23 | CLINICAL REVIEW OF ORAL AND MAXILLOFACIAL SURGERY | SHAHROKH C.BAGHERI | 1S T | 3 |
| 24 | CLINICAL SUCCESS IN IMPACTED THIRD MOLAR EXTRACTION | J.M.KORBENDA U | 1S T | 2 |

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| 25 | COMPLICATIONS IN ORAL AND MAXILLOFACIAL SURGERY | KABAN | 1S T | 1 |
| 26 | CONTEMPORARY ORAL AND MAXILLOFACIAL SURGERY | PETERSON | 3R D | 5 |
| 27 | CONTEMPORARY ORAL AND MAXILLOFACIAL SURGERY | PETERSON | 4T H | 1 |
| 28 | CONTEMPORARY ORAL AND MAXILLOFACIAL SURGERY | HUPP | 5T H | 3 |
| 29 | CONTEMPORARY TREATMENT OF DENTOFACIAL DEFORMITY | PROFFIT | 1S T | 3 |
| 30 | CONTROVERSIES IN THE MANAGEMENT OF SALIVARY GLAND DISEASE | MARK McGURK | 2N D | 1 |
| 31 | CRANIOFACIAL & MAXILLOFACIAL SURGERY IN CHILDREN & YOUNG ADULTS VOL-1 | POSINICK | 1S T | 2 |
| 32 | CRANIOFACIAL & MAXILLOFACIAL SURGERY IN CHILDREN & YOUNG ADULTS VOL-2 | POSINICK | 1S T | 2 |
| 33 | CRANIOFACIAL DISTRACTION OSTEOGENESIS | SAMCHUKOV | 1S T | 2 |
| 34 | CRANIOFACIAL SURGERY | SETH R. THALLER | 1S T | 1 |
| 35 | CRANIOMAXILLOFACIAL BUTTRESSES | POLLOCK | 1S T | 1 |
| 36 | CRANIOMAXILLOFACIAL TRAUMA | DAVID | 1S T | 1 |
| 37 | CRANIOMAXILLOFACIAL TRAUMA | DAVID | 1S T | 1 |
| 38 | DECISION MAKING IN ORAL AND MAXILLOFACIAL SURGERY | LASKIN | 1S T | 1 |
| 39 | ESSENTIAL HUMAN DISEASE FOR DENTISTS | CHRIS SPROAT | 1 ST | 2 |
| 40 | EVALUATION AND TREATMENT OF ORBITAL FRACTURES | HOLEK | 1S T | 2 |
| 41 | EXODONTIA PRACTICE | ADHAY N. | 1S | 1 |

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| | | DATAVKAR | T | |
| 42 | FACIAL CLEFTS AND CRANIOSYNOSTOSIS:PRINCIPLES AND MANAGEMENT | TURVEY | 1S T | 1 |
| 43 | FONSECA ORAL AND MAX.SURGERY V-1(ANESTHESIA/DENTOALVEOLAR SURGERY) | FONSECA | 1S T | 1 |
| 44 | FONSECA ORAL MAX. FACIAL SURGERY V-7 (RECONSTRUCTIVE AND IMPLANT SURGE | FONSECA | 1S T | 1 |
| 45 | FONSECA ORAL MAX.FACIAL SURGERY V-2(ORTHOGNATIC SURGERY) | FONSECA | 1S T | 1 |
| 46 | FONSECA ORAL MAX.FACIAL SURGERY V-3 (TRAUMA) | FONSECA | 1S T | 1 |
| 47 | FONSECA ORAL MAX.FACIAL SURGERY V-4(TEMPOROMANDIBULAR DISORDERS) | FONSECA | 1S T | 1 |
| 48 | FONSECA ORAL MAX.FACIAL SURGERY V-5 (SURGICAL PATHOLOGY) | FONSECA | 1S T | 1 |
| 49 | FONSECA ORAL MAX.FACIAL SURGERY V-6 (CLEFT/CRANIOFACIAL COSMETIC SURGE | FONSECA | 1S T | 1 |
| 50 | FRACTURES OF THE FACIAL SKELETON | PETER BANKS | 1S T | 1 |
| 51 | FRICITION'S TMJ AND CRANIFACIAL PAIN(DIGNOSIS AND MANAGEMENT) | JAMES R.FRICTION | 1S T | 1 |
| 52 | FUNDAMENTAL TECHINIQUES OF PLASTIC SURGERY(AND THIR SURGICAL APPLICATI | ALAW MC GREGAR | 11 T H | 2 |
| 53 | HAND BOOK OF LOCAL ANAESTHESIA | STANLEY F MALAMED | 1S T | 10 |
| 54 | HAND BOOK OF LOCAL ANAESTHESIA, 5E | MALAMED | 5E D | 5 |
| 55 | HAND BOOK OF NITROUS OXIDE AND OXYGEN SEDATION | CLARK | 3R D | 2 |
| 56 | HAND BOOK OF THIRD MOLAR SURGERY | DIMITROULIS. G | 1S T | 5 |

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| 57 | HANDBOOK OF NITROUS OXIDE AND OXYGEN SEDATION | MORRIS CLARK | 2N D | 1 |
| 58 | HEAD AND NECK ANATOMY FOR DENTAL MEDICINE | BAKER | 1S T | 1 |
| 59 | HEAD AND NECK SURGERY AND ONCOLOGY | JATIN SHAH | 3R D | 1 |
| 60 | IMPLANTS IN QUALITATIVELY COMPROMISED BONE | GEORGE WATZEK | 1S T | 1 |
| 61 | INFECTION CONTROL & MANAGEMENT OF HAZARDOUS MATERIALS FOR THE DENTAL T | CHRIS H. MILLER | 3R D | 1 |
| 62 | KILLEY AND KAY'S OUTLINE OF ORAL SURGERY PART -II | KILLEY | 2N D | 5 |
| 63 | KILLEY AND KAY'S OUTLINE OF ORAL SURGERY PART-I | SEWARD G.R. | 2N D | 6 |
| 64 | KILLEY'S FRACTURES OF THE MIDDLE THIRD OF THE FACIAL SKELETON | PETER BANKS | 4T H | 15 |
| 65 | KILLEY'S FRACTURES OF THE MIDDLE THIRD OF THE FACIAL SKELETON | PETER BANKS | 5T H | 2 |
| 66 | LASER APPLICATIONS IN ORAL & MAXILOFACIAL SURGERY | CATONE | 1S T | 3 |
| 67 | LOCAL ANAESTHESIA IN DENTISTRY | ROBINSON | 1S T | 2 |
| 68 | LORE & MEDINA AN ATLAS OF HEAD & NECK SURGERY | LORE | 4T H | 2 |
| 69 | MANDIBULAR GROWTH ANAMALIES | HUGO | 1S T | 1 |
| 70 | MANIPAL MANUAL OF SURGERY FOR DENTAL STUDENTS | RAJGOPAL SHENOY | 2N D | 3 |
| 71 | MANIPAL MANUAL OF SURGERY FOR DENTAL STUDETS | SHENOY | 1S T | 1 |
| 72 | MANIPAL MANUAL OF SURGERY WITH CLINICAL METHODS FOR DENATAL STUDENT | RAJGAPAL SHENOY K | 2N D | 3 |
| 73 | MANUAL OF MINOR ORAL SURGERY FOR THE | KARL R | 1S | 1 |

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| | GENERAL DENTIST | KOERNER | T | |
| 74 | MANUAL OF ORAL AND MAXILLOFACIAL SURGERY | BRUCE DONOFF | 3R D | 3 |
| 75 | MANUAL OF TEMPOROMANDIBULAR DISORDERS | EDWARD F.WRIGHT | 1S T | 3 |
| 76 | MASTER' DENTISTRY VOL:1 (ORAL PATHOLOGY SURGERY MEDICINE) | COULCHARD | 1S T | 1 |
| 77 | MAXILLOFACIAL CARE | MICHAEL LPERRY | 1S T | 1 |
| 78 | MAXILLOFACIAL INJURIES VOL 2 | ROWE AND WILLIAMS | 1S T | 3 |
| 79 | MAXILLOFACIAL INJURIES VOL-I | ROWE AND WILLIAMS | 1S T | 3 |
| 80 | MAXILLOFACIAL SURGERY VOL - II | PETER WORD BOOTH | 2N D | 3 |
| 81 | MAXILLOFACIAL SURGERY VOL-1 | PETER WORD BOOTH | 2N D | 3 |
| 82 | MAXILLOFACIAL TRAUMA AND ESTHETIC FACIAL RECONSTRUCTION | PETER WORDBOOTH | 1S T | 1 |
| 83 | MAXILLOFACIAL TRAUMA AND ESTHETIC FACIAL RECONSTRUCTION | PERTERWARD | 1S T | 2 |
| 84 | MINOR ORAL SURGERY | GEOFFREY L HOWE | 3R D | 2 |
| 85 | MONHEIM'S LOCAL ANAESTHESIA AND PAIN CONTROL IN DENTAL PRACTICE | BENNET | 1S T | 10 |
| 86 | MULTIDISCIPLINARY HEAD AND NECK RECONSTRUCTION | URKEN | 1S T | 1 |
| 87 | OPERATIVE MAXILLOFACIAL SURGERY | LANGDON | 1S T | 3 |
| 88 | ORAL AND MAXILLOFACIAL INFECTION | TOPAZIAN | 4T H | 3 |
| 89 | ORAL AND MAXILLOFACIAL INFECTION | TROPAZAIN | 3R D | 2 |

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| 90 | ORAL AND MAXILLOFACIAL SURGERY | ANDERSSON | 1S T | 1 |
| 91 | ORAL AND MAXILLOFACIAL SURGERY VOL - 1 | FONSECA | 4T H | 2 |
| 92 | ORAL AND MAXILLOFACIAL SURGERY VOL - II | FONSECA | 4T H | 2 |
| 93 | ORAL AND MAXILLOFACIAL SURGERY VOL - III | FONSECA | 4T H | 2 |
| 94 | ORAL AND MAXILLOFACIAL SURGERY : HOSPITAL MANAGEMENT PROTOCOL | CHANDRAKAN TH P TAWARE | 1S T | 1 |
| 95 | ORAL AND MAXILLOFACIAL SURGERY AND SECRETS | ABUBAKAR OMAR A. | 2N D | 2 |
| 96 | ORAL AND MAXILLOFACIAL SURGERY AND SECRETS | ABUBAKAR OMAR A. | 1S T | 3 |
| 97 | ORAL AND MAXILLOFACIAL SURGERY VOL-I | LASKIN | 3R D | 2 |
| 98 | ORAL AND MAXILLOFACIAL SURGERY VOL-I | LASKIN | 2N D | 3 |
| 99 | ORAL AND MAXILLOFACIAL SURGERY VOL-II | LASKIN | 3R D | 2 |
| 100 | ORAL AND MAXILLOFACIAL SURGERY VOL-II | LASKIN | 2N D | 8 |
| 101 | ORAL AND MAXILLOFACIAL SURGERY:AN OBJECTIVE BASED TEXT BOOK | JONATHAN PEDLAR | 1S T | 3 |
| 102 | ORAL AND MAXILLOFACIAL TRAUMA VOL 1 | FONSECA | 2N D | 1 |
| 103 | ORAL AND MAXILLOFACIAL TRAUMA VOL 2 | FONSECA | 2N D | 1 |
| 104 | ORAL AND MAXILLOFACIAL TRAUMA VOL - II | FONSECA | 3R D | 1 |
| 105 | ORAL AND MAXILLOFACIAL TRAUMA VOL-I | FONSECA | 3R D | 1 |
| 106 | ORAL CANCER | JATIN P. SHAH | 1S | 3 |

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| 107 | ORAL CANCER | ROBERT A. ORD | 1S T | 1 |
| 108 | ORAL CARE IN ADVANCED DISEASE | ANDREW DAVIES | 1S T | 1 |
| 109 | ORAL CAVITY RECONSTRUCTION | DAY GIROD | 1S T | 2 |
| 110 | ORAL SURGERY | FRAGISKOS D. FRAGISKOS | 1S T | 1 |
| 111 | ORAL SURGERY FOR MEDICAL STUDENTS | RINJIT SEN | 1S T | 1 |
| 112 | ORALL AND MAXILLOFACIAL TRAUMA VOL 1 | FONSECA | 3R D | 1 |
| 113 | ORALL AND MAXILLOFACIAL TRAUMA VOL 2 | FONSECA | 3R D | 1 |
| 114 | OROFACIAL PAIN: GUIDLINES FOR ASSESSMENT DIAGNOSIS & MANAGEMENT | P. OKESON | 1S T | 1 |
| 115 | OSSEOINTEGRATION IN CRANIOFACIAL RECONSTRUCTION | PER-INGVAR BRANEMARK | 1S T | 1 |
| 116 | OXFORD TB OF ANAESTHESIA FOR ORAL & MAXILLOFACIAL SURGERY | SHAW | 1S T | 1 |
| 117 | PETERSON'S PRINCIPLES OF ORAL AND MAXILLOFACIAL SURGERY VOL - II | MICHAEL MILORO | 2N D | 2 |
| 118 | PETERSON'S PRINCIPLES OF ORAL AND MAXILLOFACIAL SURGERY VOL-I | MICHAEL MILORO | 2N D | 2 |
| 119 | PLASTIC MAXILLOFACIAL AND RECONSTRUCTIVE SURGERY | GREGORY S. GEORGIAOLE | 3R D | 1 |
| 120 | PRACTICAL CONSCIOUS SEDATION | DAVID CRAIG | 1S T | 3 |
| 121 | PRACTICAL INFECTION CONTROL IN DENTISTRY | JAMES A. COTTONE | 1S T | 1 |
| 122 | PRINCIPLES OF ORAL SURGERY | J.R.MOORE | 4T H | 11 |

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| 123 | PROGRESS NOTES: THE CHANGING FACE OF ORAL AND MAXILLOFACIAL SURGERY | DANIEL M. LASKIN | 1S T | 1 |
| 124 | RHINOPLASTY DISSECTION MANUAL | TORIUM | 1S T | 1 |
| 125 | RHINOPLASTY THE ART AND THE SCIENCE | TARDY | 1S T | 2 |
| 126 | SALIVARY GLAND DISORDERS | MYERS | 1S T | 1 |
| 127 | SEDATION: A GUIDE TO PATIENT MANAGEMENT | MALAMED | 2N D | 1 |
| 128 | SEDATION: A GUIDE TO PATIENT MANAGEMENT | STANLEY F MALAMED | 4T H | 2 |
| 129 | SHORT NOTES FOR MAXILLOFACIAL SURGERY AND CLINICAL DENTISTRY | DIAS D.K. | | 6 |
| 130 | SOFT - TISSUE SURGERY OF THE CRANIOFACIAL REGION | PERSING | 1S T | 1 |
| 131 | SOFT TISSUE AND ESTHETIC CONSIDERATIONS IN IMPLANT THERAPY | ANTHANY G. SCLAR | 1S T | 1 |
| 132 | STELL & MARAN'S HEAD & NECK SURGERY | WATKINSON | 1S T | 1 |
| 133 | SURGERY FOR DENTAL STUDENTS AND PRACTITIONERS | GANARAJAN.S. | 1S T | 11 |
| 134 | SURGERY FOR ORAL AND MAXILLOFACIAL CYSTS AND TUMOURS | RANJIT SEN | 1S T | 6 |
| 135 | SURGICAL CORRECTION OF FACIAL DEFORMITIES | VARGHESE MANI | 1S T | 1 |
| 136 | SURGICAL RECONSTRUCTIONS OF FACE AND ANTERIOR SKILL BASE | MANIGLIAL | 1S T | 3 |
| 137 | TB OF ORAL MAXILLOFACIAL SURGERY, 3E | ANIL MALIK | 3E D | 5 |
| 138 | TEXT BOOK AND COLOR ATLAS OF TOOTH IMPACTIONS | ANDREASEN | 1S T | 1 |
| 139 | TEXT BOOK OF DENTAL AND MAXILLOFACIAL | FRENY | 1S | 5 |

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| | RADIOLOGY | R.KARJODKAR | T | |
| 140 | TEXT BOOK OF GENERAL AND ORAL SURGERY | DAVID WRAY | 1S T | 1 |
| 141 | TEXT BOOK OF ORAL & MAXILLOFACIAL ANATOMY HISTOLOGY & EMBRYOLOGY | PRABHU | 1S T | 2 |
| 142 | TEXT BOOK OF ORAL & MAXILLOFACIAL SURGERY | SM BALAJI | 1S T | 2 |
| 143 | TEXT BOOK OF ORAL & MAXILLOFACIAL SURGERY | SM BALAJI | 2N D | 6 |
| 144 | TEXT BOOK OF ORAL AND MAXILLOFACIAL SURGERY | S M BALAJI | 1S T | 2 |
| 145 | TEXT BOOK OF ORAL AND MAXILLOFACIAL SURGERY | S.M BALAJI | 1S T | 3 |
| 146 | TEXT BOOK OF ORAL AND MAXILLOFACIAL SURGERY | NEELIMA ANIL MALIK | 2N D | 5 |
| 147 | TEXT BOOK OF ORAL AND MAXILLOFACIAL SURGERY | GUSTAV O.KRUGEL | 6T H | 10 |
| 148 | TEXT BOOK OF ORAL AND MAXILLOFACIAL SURGERY | SRINIVASAN B. | 1S T | 12 |
| 149 | TEXT BOOK OF ORAL AND MAXILLOFACIAL SURGERY | NEELIMA ANIL MALIK | 1S T | 6 |
| 150 | TEXT BOOK OF ORAL AND MAXILLOFACIAL SURGERY | VINOD KAPOOR | 1S T | 6 |
| 151 | TEXT BOOK OF ORAL AND MAXILLOFACIAL SURGERY | VINOD KAPOOR | 2N D | 2 |
| 152 | TEXT BOOK OF ORAL AND MAXILLOFACIAL SURGERY, 2E | VINOD KAPOOR | 2E D | 5 |
| 153 | TEXT BOOK OF ORAL & MAXILLOFACIAL SURGERY | CHAKRAVARTHY | 1S T | 7 |
| 154 | TEXT BOOK OF ORAL & MAXILLOFACIAL SURGERY | NEELIMA ANIL | 2N D | 2 |
| 155 | THE EXTRACTION OF TEETH | GEAFFREY L HOWE | 2N D | 10 |

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| 156 | THE OSSEOINTEGRATION BOOK | BRANMARK | 1S T | 1 |
| 157 | TISSUE ENGINEERING : APPLICATIONS IN ORAL AND MAXILLOFACIAL SURGERY | SAMUEL E.LYNCH | 1S T | 1 |
| 158 | TOOTH EXTRACTION A PRACTICAL GUIDE | ROBERSON | 1S T | 1 |
| 159 | VIVA IN DENTAL SURGERY | RANGARAJAN | 1S T | 5 |
| 160 | VIVA IN ORAL SURGERY FOR DENTAL STUDENTS | HARMEET SINGH | 1S T | 9 |
| | TOTAL BOOKS | | | 42 2 |

b) Internet facilities for staff and students

Department has wired internet connection

Wi-Fi available in college premises

c) Total number of class rooms – 5 class rooms

d) Class rooms with ICT facility and ‘smart’ class rooms

e) Students’ laboratories

f) Research laboratories

EQUIPMENTS:

DEPARTMENT: Oral and Maxillofacial Surgery

| NAME | SPECIFICATION | QTY. | Availability |
|--------------------------------|--|---|--------------|
| <i>Dental chairs and units</i> | Electrically operated with shadow less lamp, spittoon, instrument tray and high vacuum suction, micro motor /Air motor | One chair & unit per PG student and Two chairs & unit for Faculty | 17 |
| Autoclave | Front loading | 2 | 4 |
| Fumigators | | 1 | 2 |
| Oscillating saw | With all hand pieces | 1 | 1 |
| <i>Surgical instruments</i> | | | |

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| | | | |
|---|--|--------|--------|
| A. General surgery kit | | 2 | 4 |
| B. Tracheotomy kit (with set of disposable tubes consisting of six) | | 1 | 2 |
| C. Minor oral surgery kit | | 3 | 6 |
| D. Osteotomy kit | | 1 | 2 |
| E. Cleft surgery kit | | 1 | 2 |
| F. Bone grafting kit | | 1 | 2 |
| G. Emergency kit | | 2 | 4 |
| H. Trauma set including bone plating kit | | 2 | 4 |
| I. Implant logy kit (standard/imported ISI approved) | | 2 | 2 |
| Distraction osteogenesis kit (desirable) | | 1 | 2 |
| Operating microscope and Microsurgery kit (desirable) | | 1 | 2 |
| Dermatomes | | 2 | 4 |
| Formalin chamber | | 1 | 2 |
| Pulse oxymeter | | 1 | 2 |
| Ventilator | | 1 | 2 |
| Major operation theatre with all facilities | | 1 | 2 |
| Recovery I.C.U. with all necessary life support equipments | | 2 beds | 4 beds |
| Fiber optic light | | 1 | 2 |
| Inpatient beds | | 20 | 40 |
| Fiber optic laryngoscope | | | |
| Computer with Internet Connection with attached Printer & Scanner | | 1 | 2 |

39. List of doctoral, post-doctoral students and Research Associates

- a) From the host institution/university**
- b) From other institutions/universities**

40. Number of post graduate students getting financial assistance from the university.

From university 3 PG's received financial assistance from state government fee reimbursement scheme

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

- PG in Oral maxillofacial surgery started in 2007
- State government inspection done
- University inspection done
- DCI inspection done
- Course started after obtaining due permission from University state government & DCI
- Renewal Inspections done in
- PG's seats enhancement done from 3 to 5 from 2013

42. Does the department obtain feedback from?

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Faculty gives feedback on curriculum and teaching learning evaluation through structured feedback designed by the institution. In addition faculty provides feedback on library, infrastructure and organizational climate. Feedback is collected on all courses and programs. Through these feedbacks necessary information about the curriculum, teaching learning and evaluation is availed and necessary corrective actions initiated. From the analysis of feedback problem based learning, enrichment courses are initiated in all the departments. CPA cards are initiated. Library and online resources are used for teaching. Self directive learning measures are initiated.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Feedbacks are designed to be collected from students. Students submit feedback on

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performance of teacher. They also give feedback on courses, program and teaching learning evaluation. From these feedbacks library infrastructure upgraded, students project initiated, student research seed money initiated including evaluation reforms.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

The alumni give feedback on the programs, competence is gained and academic enrichment and continue dental education needed for improve. They give suggestion for institution improvement.

43. List the distinguished alumni of the department (maximum 10)

1. DrUroofRahmathulla - Specialist in hair transplant & Implantology
2. DrRaghunath Reddy - Cosmetic surgeon & implantologist
3. Dr Ramesh - Faculty (Reader) Rajas dental college Srikakulam
4. DrTaneem - Consultant maxillofacial surgeon Saudi Arabia
5. DrEswar - Faculty (Reader) CKS dental college Tirupati
6. DrMurali Krishna rao - Specialist in hair transplant
7. DrMallikarjunrao - Faculty Narayana dental college
8. DrSwapna - Faculty Narayana dental college
9. DrSahana - Faculty Bangalore institute of dental sciences
10. Dr Sunayana - Faculty Narayana dental college

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Prof & HOD Dr Ramakrishna MS (ENT) delivered a lecture on “Neck Dissections”

Dr K Raghu delivered a lecture on “ ATLS “

DrSenthilnathan delivered a lecture on “reconstructive options in maxillofacial region” & conducted workshop on micro vascular fibula reconstruction of mandible.

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Marker & black board

Didactic lectures

Power point presentations

Audio – visual presentations

Pre-clinical demonstrations
Clinical demonstrations
Chair side discussions
Problem based learning
Workshops

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

Learning outcome are monitored constantly by ever vigilant staff by checking
Log books
Chair side discussions
Ward rounds
Conducting viva- voce
Regular assessment of seminars & journal clubs
Monthly assessment forms
University examinations
Feedback from past students

47. Highlight the participation of students and faculty in extension activities.

Rural dental awareness camps
Tobacco de-addiction awareness camps
World hand wash day
Rally on Oral maxillofacial Day
Awareness Rally on World Aids Day
Blood donation by students

48. Give details of “beyond syllabus scholarly activities” of the department.

- Attending allied branches to OMFS like Accident & emergency medicine Neurosurgery, Plastic surgery, Orthopedics conferences, symposiums workshops within college campus
- Case discussions & assisting their surgical cases to improve skill & knowledge.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

None

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

None

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Major Strengths

1. A team of dedicated teaching faculty
2. An environment with advanced learning facilities
3. State of the art Research facilities with good research output
4. Excellent coordination among various departments & inter institutes which is an added advantage.
5. Students get an ample opportunity to develop their hands on clinical skills because of adequate study & clinical material available.
6. One of the best medical college campuses in this part of the country comprising Medical Dental Pharmacy Physiotherapy Nursing Yoga & natural sciences colleges with proficient reputation & trust among the people.

Weaknesses

The department periodical evaluates its performance & anticipates the problematic areas well in advance and finds effective solutions in case they arise. Presently there are no areas of weakness.

Opportunities

1. The institute is located in suburban area which by location gets an opportunity to provide medical service to the rural & suburban population.
2. A large contingent of student population residing within the campus various student related studies are possible.
3. The department has a tremendous opportunity to excel in research due to good infrastructure, ICT and financial support.
4. Can identify areas of research in the rural scenario

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Challenges

1. A surge in establishment of various corporate hospitals and overlapping fields of interest among super specialty branches in medical fraternity will be a realistic challenge to comprehend in near future.
2. The growing number of dental colleges in the state has led to a steady decline in the percentage of students opting for dentistry.
3. An urgent need to bring in more productive research projects which should be meaningful & beneficial in long term.
4. A rational approach to uplift the students who are from Telugu medium who find it difficult to understand the medium of teaching being in English.
5. A pragmatic move towards increasing the available clinical material in keeping view the futuristic demands of increase in postgraduate seats.

52. Future plans of the department

| Year | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
|-----------------------|--|--|---|--|---|
| Proposed courses | To start BLS course to UG/PG | PhD program | Fellowship in maxillofacial trauma | Enhance in PG seats | A short course in Orthognathic surgeries |
| Teaching & Evaluation | a. Training students for viva-voce, b.To conduct workshop c.Special coaching for slow learners | a. Faculty development b.Problem based learning | Hosting OMFS state conference | Intensify integrated teaching programme for PG's | Hands on course for PG's on Implants & ATLS |
| Administration | To take initiative to established cleft center | To create HIV clinic | To create resource person to train UG & | To create facilities in collaboration with medical | To establish micro vascular facilities for |

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| | | | | | |
|---------------------------|--|---|--|--|---|
| | | | PG's for medical emergencies | college to comprehensive treatment of cancer patients | training PG's |
| Research/Extension | To get ICMR project | To present research paper at international conference | To publish randomized control studies | To work on mandibular reconstruction using BMAC | To present papers at allied surgical conferences |
| Infrastructure & Services | To make laser equipment available to start laser clinic | To procure TMJ arthroscope | To establish dedicated implantology center | To procure surgical microscope for micro vascular surgeries | To establish head & neck oncocenter in collaboration with medical college |
| Innovation | To conduct camps in rural areas to create awareness about cleft lip & palate | To conduct oral cancer screening programs & identify the patients who require surgeries | To start clinical skill simulation lab to train PG's students Dry lab – bone Wet lab – cadaver | To create awareness to medical faculty about maxillofacial field | To start MFDS course |
| Collaborations / Linkages | Collaboration with AP AOMSI chapter | Collaboration with MNJ cancer hospital | Linkage with DrGhosla Cleft center Hyderabad | Collaboration with Red cross cancer Institute | Collaboration with Dwijan institute of micro vascular |

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| | | | | | |
|--|--|--|--|--|--------------------|
| | | | | | surgery Chennai |
|--|--|--|--|--|--------------------|



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Evaluative Report of the Department

1. Name of the Department:

DEPARTMENT OF ORAL PATHOLOGY & MICROBIOLOGY

2. Year of establishment: 2001

3. Is the Department part of a college/Faculty of the university?

Yes, Department is part of Narayana Dental College & Hospital, which is a part of Narayana Medical Institutions. It is affiliated to DR.NTRUHS University. The entire teaching faculty is approved by the University.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

Undergraduate course: Bachelor of Dental Surgery (BDS)

Postgraduate course: Master in Dental Surgery (MDS), Oral & Maxillofacial Pathology

5. Interdisciplinary programs and departments involved

a. Triple "O" CDE programs

The Departments involved are Department of Oral & Maxillofacial Surgery, Department of Oral Medicine & Radiology and Department of Paedodontics and Preventive Dentistry, Narayana Dental College, Nellore

b. Postgraduate postings

Departments of Anatomy, Biochemistry, Microbiology, Pathology, Dermatology, Clinical Biochemistry & Pathology Narayana Medical College & Hospital, Nellore

Department of Oral Medicine & Radiology, Department of Oral & Maxillofacial Surgery Narayana Dental College, Nellore

c. Clinical Case Discussions

The Departments involved are Department of Oral & Maxillofacial Surgery and Department of Oral Medicine & Radiology, Narayana Dental College, Nellore

d. Training in punch biopsy and incisional biopsy procedures

The Departments involved are Oral Medicine & Radiology and Oral & Maxillofacial Surgery, Narayana Dental College, Nellore

d. Seminars

The Departments involved are Department of Oral & Maxillofacial Surgery and Department

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of Oral Medicine & Radiology, Narayana Dental College, Nellore

e. Dental Health education or awareness Camps

Departments involved are Department of Public Health Dentistry and Department of Oral Medicine & Radiology, Narayana Dental College, Nellore

f. Research

Departments involved are Department of Endocrinology, Departments of Clinical Biochemistry & Clinical Microbiology, Narayana Superspecialty Hospital

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

None

7. Details of programs discontinued, if any, with reasons

No programs were discontinued

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

BDS –

Internal Examinations – 3 / year (Conducted by department)

External Examination (conducted by DR.NTR University of Health Sciences) – Annually

MDS –

Internal Examinations – Annual (conducted by department & also by University)

External Examination – At the end of 3 years (conducted by University)

9. Participation of the department in the courses offered by other departments

None

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|-----------------------------|------------|--------|------------------------------|
| Professor | As per DCI | 2 | |
| Associate Professor/Reader | As per DCI | 1 | |
| Assistant Professor | | | |
| Senior Lecturer | As per DCI | 4 | |
| Tutor / Clinical Instructor | | | |
| Senior Resident | | | |

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11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

| Name | Qualification | Designation | Specialization | No. of Years of Experience |
|-----------------------|---------------|------------------|----------------|----------------------------|
| Dr. Vandana Raghunath | MDS | Professor & Head | Oral Pathology | 18.5 yrs |
| Dr. Ajay Reginald | MDS | Professor | Oral Pathology | 13 yrs, 9 months |
| Dr. Siva Reddy | MDS | Reader | Oral Pathology | 8 yrs |
| Dr. Firoz Kamal | MDS | Sr.Lecturer | Oral Pathology | 3 yrs, 4 mths |
| Dr. C. Geetha Kiran | MDS | Sr.Lecturer | Oral Pathology | 3 yrs |
| Dr. M. Samatha Reddy | MDS | Sr.Lecturer | Oral Pathology | 1yr, 6 months |
| Dr. Nagamani Mekala | MDS | Sr.Lecturer | Oral Pathology | 1yr, 6 months |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors-None

13. Percentage of classes taken by temporary faculty – program-wise information

No temporary faculty

14. Program-wise Student Teacher Ratio

| Course | Student –Teacher Ratio |
|--------|------------------------|
| BDS | ~15 : 1 (approx) |
| MDS | 3 : 1 |

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

| Staff | Sanctioned | Filled | Actual |
|---------------------------------------|------------|--------|--------|
| Technical (Lab Technicians) | 2 | 1 | 1 |
| Administrative (Attenders & Sweepers) | 3 | 3 | 3 |

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Lab Technician:

Mr.Padmanabha Reddy

Attenders:

Mrs.Padma

Miss. Sudarshini

Sweeper:

Mrs.Sukanya

16. Research thrust areas as recognized by major funding agencies: NIL

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

NIL

18. Inter-institutional collaborative projects and associated grants received

b) National collaboration b) International collaboration

Inter – institutional collaborative projects

- Effect Of Chronic Nail Biting And Finger Sucking Habits On Oral Carriage Of Enterobacteriaceae, Dept of Microbiology, Narayana Medical College, 2008-11
- A Comparative Analysis Of Salivary Peroxidase Levels In Psychologically Stressed Individuals With And Without Stress Related Oral Lesions, Dept of Biochemistry, Narayana Medical College, 2009-12
- Quantification & Biotyping Of Candida In Relation To Dental Caries By DMFT Index, Dept of Microbiology, Narayana Medical College, 2010-13
- Salivary Immunoglobulins And Oral Candidal Carriage In Type II Diabetics With Chronic Periodontitis, Dept of Microbiology & Dept of Biochemistry, Narayana Medical College, 2011-14
- Salivary Factors, Candidal Colonization And Strain Diversity In Type II Diabetics, Dept of Microbiology & Dept of Biochemistry, Narayana Medical College, 2011-14
- Effects Of Polyphenols And Probiotics On The Microflora, Dept of Microbiology, Narayana Medical College, 2012-15

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- Salivary Histatin Levels And Candidal Colonization In Type II Diabetic Patients With Chronic Periodontitis, Dept of Microbiology & Dept of Biochemistry, Narayana Medical College, 2013-2016
- Histatin Levels In Gingival Crevicular Fluid And Candidal Quantification Of Sub-Gingival Biofilm In Type-II Diabetics With Chronic Periodontitis, Dept of Microbiology & Dept of Biochemistry, Narayana Medical College, 2013-16

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. - NIL

20. Research facility / centre with

- State recognition - Nil
- National recognition - Nil
- International recognition - Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies
NIL

22. Publications:

*** Number of papers published in peer reviewed journals (national / international)**

International 02

2014-2015 1

DR.VANDANA RAGHUNATH - Osteolipoma - A case report with review of literature.
BMJ CASE REPORTS, JUNE 2015

2011-2012 1

DR.VANDANA RAGHUNATH - Immunohistochemical expression of Bcl2 in benign and malignant salivary gland tumours Med Oral Patol Oral Cir Bucal. 2011, 16 (4), 503-7

National 19

2014-2015 8

DR.VANDANA RAGHUNATH

1. Massive granular cell ameloblastoma with dural extension and atypical morphology.
2. Salivary factors, candidal colonization, strain diversity in Type II diabetics

DR.AJAY REGINALD

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3. Influence Of Nail Biting And Finger Sucking Habits On The Oral Carriage Of Enterobacteriaceae

4. Aphthous Ulcers, Salivary Peroxidase And Stress. Are They Related?

5. Cephalometry compliments dactylography

6. Salivary factors, candidial colonization, strain diversity in Type II diabetics

DR.FIROZ KAMAL

7. Influence Of Nail Biting And Finger Sucking Habits On The Oral Carriage Of Enterobacteriaceae

DR.GEETHA KIRAN

8. Aphthous Ulcers, Salivary Peroxidase And Stress. Are They Related

Contemp Clin Dent. 2014, Oct-Dec; 05 (4): 535-538 National journal of Laboratory

Medicine,2015; 4(4):52-58 Contemporary Clinical Dentistry. April 2015 J of Oral &

Maxillofacial Pathology. May 2015 J of Indian academy of forensic medicine , National journal of Laboratory Medicine,2015; 4(4):52-58

Contemporary Clinical Dentistry. April 2015

J of Oral & Maxillofacial Pathology. May 2015

2013-2014 2

DR.VANDANA RAGHUNATH

1. Metastatic Thyroid Carcinoma of the Mandible mimicking Paraganglioma.

DR.AJAY REGINALD

2. Palatal rugae: An effective marker in population differentiation

Oral Max Path J. 2013, 4(2); July-Dec: 390-393

J Forensic Dent Sci.2014;6:46-50

2012-2013 3

DR.VANDANA RAGHUNATH

1. Effects of fixatives on exfoliated normal buccal mucosal cells - a morphometric study.

2. Intraosseous polymorphous lowgrade adenocarcinoma of mandible: A rare entity

3. A Clinicopathological study of ossifying fibromas and comparison between central and peripheral ossifying fibromas

KDJ, Vol 35; No.2; 254-57; 2012

Dental research journal. 2012, 9 (4), 499

J Contemp Dent Pract. 2012, Jul-Aug; 13 (4): 509-14

2011-2012 3

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DR.VANDANA RAGHUNATH

1. Developmental Defects of Enamel in Children of Davangere District and Their Relationship to Fluoride Levels in Drinking Water.
2. Immunohistochemical expression of cyclin D1 in Ameloblastomas and Adenomatoid odontogenic tumors.
3. Ossifying Fibromas – An Institutional study.
Asia-Pacific Journal of Public Health. 2011; 23(3) 341–348
Journal of Oral and Maxillofacial Pathology. 2011 ; Vol 15(3); 283-287
Journal of Orofacial Sciences, Vol 3; No.2; 25-29; 2011

2010-2011 3

DR.VANDANA RAGHUNATH

1. Intraoral epithelioid hemangioendothelioma: an intermediate vascular tumor- A case report
2. Florid Osseous Dysplasia

DR.AJAY REGINALD

3. Oral hairy leukoplakia: An exfoliative cytology study
Dental research journal. 2010,6 (2), 99
Annals and Essences of Dentistry.2010, 2 (4), 214-217
Contemporary Clinical Dentistry | Jan-Mar 2010 | Vol 1| Issue 1

- * Monographs – None
- * Chapters in Books – 01, Dr.Ajay Reginald

| Sl no | year | Chapter name | Book name | Publisher |
|-------|------|---|---------------------|-----------|
| 1 | 2012 | Pediatric oral and maxillofacial pathology and treatment considerations | Pediatric dentistry | Elsevier |

- * Books edited- None
- * Books with ISBN with details of publishers – None
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- * Citation Index – range / average

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| Faculty | Citations since 2010 | No of publications | Avg. | Range | Dept Avg |
|----------------------|----------------------|--------------------|------|----------|----------|
| Dr.Vandana Raghunath | 77 | 14 | 5.5 | 1.66-5.5 | 3.58 |
| Dr.Ajay Reginald | 10 | 6 | 1.66 | | |
| Dr.Geetha Kiran | 0 | 1 | 0 | | |
| Dr.Firoz Kamal | 0 | 1 | 0 | | |

- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index

| Faculty | h-index |
|----------------------|---------|
| Dr.Vandana Raghunath | 6 |
| Dr.Ajay Reginald | 2 |

23. Details of patents and income generated : None

24. Areas of consultancy and income generated

| Year | Areas of consultancy | No. of Patients | Income |
|------------|--------------------------------|-----------------|--------|
| 2010 -2015 | Reporting of Haematology tests | 5172 | |
| 2010 -2015 | Reporting of Cytology smears | 1017 | |
| 2010 -2015 | Reporting of Biopsy specimens | 718 | |

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : None

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

- National Committee Membership
 - Dr. Vandana Raghunath – Executive Member IAOMP (2014-15, 2015-16) (Indian Association of Oral & Maxillofacial Pathologists, IAOMP)
- PG thesis reviewer for RGUHS and other universities
 - Dr.Vandana Raghunath

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- Dr.Ajay Reginald
 - Reviewer for Journals
 - Dr.Vandana Raghunath: Dental Research Journal
 - Dr.Ajay Reginald : Journal of Contemporary Clinical Dentistry
 - Guest Lectures
 - Dr.Ajay Reginald
1. Fibro-Osseous Lesions, Panineeya Dental College – Hyderabad, 2012
 2. Potentially Malignant Disorders, Mamatha Dental College – Khammam, 2013
 3. Probiotics For The Practitioners , IDA – Tuticorin, 2014

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs)

The following are the Teachers Training Programme, Faculty Development Programmes, Workshops, Slide Seminars, Postgraduate Conventions and National Conferences attended by the faculty of this department (information for April 2010 to Dec 2015):

Dr.Vandana Raghunath

1. X IAOMP National PG Convention, Coorg, 16th & 17th/6/2010
2. XIX National & I International IAOMP Conference, Chennai, 9th To 11th /12/2010
3. “Fibroblast Culture Workshop”, Pre-Conference Course, I International IAOMP Conference, Chennai, 9th To 11th /12/2010
4. CDE Program-Saveetha Dental College, Chennai, 18/6/11
5. XI National PG Convention, Manipal, 9-10th July, 2011
6. ZONAL CDE programme at C.K.S.Teja Dental College, Tirupati, 30/10/11
7. “Workshop on ICMR Projects”, Pre-Conference Course, XX IAOMP National Conference, Ramoji Film City, Hyderabad, 18/11/11
8. XX IAOMP National Conference-Ramoji Film City, Hyderabad, 18/11/11 To 20/11/11
9. ZONAL CDE programme at C.K.S.Teja Dental College, Tirupati, 28/2/12
10. XII IAOMP National PG Convention At D.Y.PATIL Dental College, Pune, 14/7/12 To 15/7/12
11. “Workshop on “Dental Education Technologies”, SRMC, Chennai, 31st, 1st Sept 2012
12. XXI IAOMP National Conference At GOA Dental College,GOA, 26/10/12 To 28/10/12
13. 1st IAOMP MIDTERM National Conference , 24/1/13 To 26/1/13
14. XXII IAOMP National Conference, Mumbai, 8/11/13 To 9/11/13
15. XXIII IAOMP National PG Convention, Tirupaty, 10/7/13 to 11/7/13

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16. VI ASOMP Conference At NOVATEL,Hyderabad, 22/2/14
17. XXIV IAOMP National PG Convention, Kolkata, 19/7/14
18. XXIII, IAOMP National Conference, Bangalore, 28/11/14 To 30/11/14
19. CDE Programme on “STEM CELLS”, At Meenakshi Ammal Dental College, Chennai, 29/12/14
20. XV National IAOMP PG Convention,Vadodara, 11,12/7/2015
21. Manipal International Symposium On Head And Neck Tumors, KMC, Manipal, 3,4/10/2015
22. XXIV National Conference Of IAOMP, NIMS University, Jaipur, 20,21,22 /11/2015

Dr.Ajay Reginald

1. Slide Seminar at Saveetha Dental College, Chennai, 9/2/2010 & 10/2/2010
2. XIX National & I International IAOMP Conference, Chennai, 9th to 11th /12/2010
3. IX IAFO National Conference at Sankaracharya Dental College, Salem, 22/10/11 to 23/10/11
4. XX IAOMP National Conference-Ramoji film city,Hyderabad, 18/11/11 to 20/11/11
5. ZONAL CDE programme at C.K.S.Teja dental college,Tirupati, 28/2/12
6. XXI IAOMP National Conference at GOA Dental College,GOA, 26/10/12 to 28/10/12
7. 1st IAOMP MIDTERM National Conference, 24/1/13 to 26/1/13
8. XI IAFO National Conference at SIBAR Dental College,VJWD, 22/9/13 to 23/9/13
9. VI ASOMP Conference at NOVATEL,Hyderabad, 22/2/14
10. ZONAL CDE Programme at CKS Teja Dental college,Tirupati, 20/10/14
11. XXIII NATIONAL CONFERENCE OF IAOMP, Bangalore, 28/11/14 to 30/11/14
12. XV NATIONAL PG CONVENTION,VADODARA, 11,12/7/2015

Dr.Siva Reddy

1. Slide Seminar at Saveetha Dental College, Chennai, 9/2/2010 & 10/2/2010
2. XIX National & I International IAOMP Conference, Chennai, 9th to 11th /12/2010
3. CDE Program-Saveetha Dental college, Chennai, 18/6/11
4. ZONAL CDE programme at C.K.S.Teja Dental College, Tirupati, 30/10/11
5. IAOMP National Conference-Ramoji film city, Hyderabad, 18/11/11 to 20/11/11
6. ZONAL CDE programme at C.K.S.Teja Dental College, Tirupati, 28/2/12
7. 1st IAOMP MIDTERM National Conference, Chennai, 24/1/13 to 26/1/13
8. XXIII IAOMP National PG Convention, Tirupaty, 10/7/13 to 11/7/13
9. VI ASOMP Conference at NOVATEL, Hyderabad, 22/2/14

Dr.Firoz Kamal

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1. Slide Seminar at Saveetha Dental College, Chennai - 9/2/2010 & 10/2/2010
2. VII IAFO Conference, Chennai - 9/4/2010 & 10/4/2010
3. X National PG Convention, Coorg - 16th & 17th/6/2010
4. ZONAL CDE Programme at CKS Teja Dental College, Tirupati - 26/8/12
5. 1st IAOMP MIDTERM National Conference - 24/1/13 to 26/1/13
6. XXIII, IAOMP National PG Convention, Tirupaty, 10/7/13 to 11/7/13
7. ZONAL CDE programme at C.K.S.Teja Dental College, Tirupati - 02-08-2013
8. XI IAFO National Conference at SIBAR Dental College, VJWD - 22/9/13 to 23/9/13
9. VI ASOMP Conference at NOVATEL, Hyderabad - 22/2/14
10. XXIII National Conference Of IAOMP, Bangalore - 28/11/14 to 30/11/14
11. XXIV IAOMP Conference , NIMS University, Jaipur- 20,21,22 /11/2015

28. Student projects

- **percentage of students who have taken up in-house projects including inter-departmental projects – 33**

PG research projects 2010-2015:

2014-2015 6

- 1) Biomonitoring Cytogenetic Damage In Automobile Mechanics By Micronucleus Test In Exfoliated Buccal Cells
- 2) Biomonitoring Cytogenetic Damage In Petrol Station Attendants: Micronucleus Test In Exfoliated Buccal Cells
- 3) Effects Of Polyphenols And Probiotics On The Microflora
- 4) Oral Candidal Colonisation In A Group Of Thalessemia Patients: A Short Study
- 5) Corelation Of Salivary Urea Levels And Candidal Carriage In Chronic Renal Failure Patients Undergoing Hemodialysis
- 6) Comparitive Analysis Of Mineralized Structure: A Polarised Light Microscopic Study

2013-2014 5

- 1) Salivary Immunoglobulins And Oral Candidal Carriage In Type II Diabetics With Chronic Periodontitis
- 2) Salivary Factors, Candidal Colonization And Strain Diversity In Type II Diabetics
- 3) HCG In Immunohistochemical Study Of Salivary Gland Tumours And Odontogenic Tumours
- 4) GERD Impact On Salivary Parameters/ Dental Health
- 5) Salivary Cortisol Levels In GERD Patients

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2012-2013 9

- 1) Immunoexpression Of Osteonectin, MMP9 And Ki67 In Keratocystic Odontogenic Tumours
- 2) Immunoexpression Of Osteonectin, MMP 9 And Ki67 In Ameloblastomas
- 3) Quantification & Biotyping Of Candida In Relation To Dental Caries By DMFT Index
- 4) Isolation And Identification Of Anaerobic Micro-Organisms In Patients Suffering From COPD
- 5) Salivary Parameters In GERD Patients
- 6) Evaluation Of Salivary Cortisols In GERD Patients
- 7) A Forensic Otosopic Study Between Two Indian Populations: Does A Difference Exist
- 8) Co-Relation Of Total Ear Height With Nasal And Mandibular Height-Anthropometric Evaluation
- 9) Dactylography Complements Cephalometry

2011-2012 6

- a. Study Of Differences In Incisive Papilla And Palatal Rugae In Karnataka And Andhrapradesh Populations And Its Significance In Population Identification
- b. Clinicopathologic Correlation Of White Non-Scrapable Oral Mucosal Surface Lesions – A Study Of 100 Cases
- c. A Comparative Analysis Of Salivary Peroxidase Levels In Psychologically Stressed Individuals With And Without Stress Related Oral Lesions
- 4) Identification Mobile Phones – A Reservoir For Bacterial Flora ... Unveiling The Potential Risk
- 5) Sinuses In Forensics- Anthropological Methods For Unveiling The Gender
- 6) Clinical Evaluation Of TMJ

2010-2011 7

- 1) Quantification Of Mast Cells, In Healthy Gingiva, Inflammatory / And Reactive Hyperplastic Gingival Lesions- A Comparative Histochemical & Immunohistochemical Study
- 2) Clinicopathologic Analysis Of Localized Non Cystic Swellings Of The Oral Soft Tissues- A Study Of 300 Cases
- 3) Effect Of Chronic Nail Biting And Finger Sucking Habits On Oral Carriage Of Enterobacteriaceae
- 4) Correlation Of Lip Print, Finger Print And Character – A Possibility
- 5) A Triad Of Cheiloscopy, Dactyloscopy And Blood Group - Does It Signify Anything??
- 6) Clinico-Pathologic Correlation Of White Non-Scrapable Oral Mucosal Surface Lesions -

Study Of 100 Cases

7) Re-Appraisal Of Various Methods Of Age & Sex Determination In Forensic Odontology

Ongoing Projects

2015-18 3

1. Assessment Of Serum And Salivary Resistin Levels In Newly Diagnosed Type-II Diabetes Mellitus Patients
2. Assessment Of Serum And Salivary Adiponectin Levels In Newly Diagnosed Type-II Diabetes Mellitus Patients
3. Assesment Of Cytogenetic Damage In Flexographic Workers: Micronucleus Assay In Exfoliated Buccal Cells

2014-17 3

1. Efficacy Of Turmeric Mouthrinse On Salivary Streptococcal Mutans And Candidal Count In Primary Boarding School Children With DMFT / Deft Scores ≥ 2 – A Double Blind Study
2. Efficacy Of Pomogranate Peel Extract Mouthrinse On Salivary Streptococcal Mutans And Candidal Count In Primary Boarding School Children With DMFT / Deftscores $>$ – A Double Blind Study
3. Quantitative Estimation Of Salivary Levels Of Copper And Zinc In Tobacco Smokers And Chewers

2013-16 3

1. Salivary Histatin Levels And Candidal Colonization In Type II Diabetic Patients With Chronic Periodontitis
 2. Histatin Levels In Gingival Crevicular Fluid And Candidal Quantification Of Sub-Gingival Biofilm In Type-II Diabetics With Chronic Periodontitis
 3. Anti Asthmatic Drugs And Its Effects On Oral Mucosa- An Exfoliative Cytology
- **percentage of students doing projects in collaboration with other universities / industry / institute - NIL**

29. Awards / recognitions received at the national and international level by

Faculty – NIL

Chairing Scientific Sessions

Dr. Vandana Raghunath

1. X IAOMP National PG Convention, Coorg, 16/6/2010

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2. XIX National & I International IAOMP Conference, Chennai, 10/12/2010
3. XI National PG Convention, Manipal, 9th July, 2011
4. XII IAOMP National PG Convention At D.Y.PATIL Dental College, Pune, 14/7/12
5. XXI IAOMP National Conference At GOA Dental College, GOA, 27/10/12
6. 1st IAOMP MIDTERM National Conference, 24/1/13
7. XXII IAOMP National Conference, Mumbai, 9/11/13, “Guest lecture”
8. XXIII, IAOMP National Conference, Bangalore, 28/11/14
9. XXIV National Conference Of IAOMP, NIMS University, Jaipur, 21/11/2015, “Guest Lecture”

Dr. Ajay Reginald

1. XXI IAOMP National Conference At GOA Dental College, GOA, 27/10/12
2. XXIII, IAOMP National Conference, Bangalore, 28/11/14

Doctoral / post doctoral fellows - NIL

Students

2014-2015 4

- Dr. Karthik & Dr. Deepa, 28-1-15, QUIZ - Quick Rapid Review, SRMC Chennai, THIRD PRIZE
- Dr. Neeharika Ravuru, 11-7-15, PAPER - XV National PG convention, Vadodara, Jaipur, FIRST PRIZE
- Dr. Neeharika Ravuru & Dr. Ramya, 14-10-15, QUIZ - Slide seminar, SRMC Chennai, SECOND PRIZE
- Dr. Pankaj & Dr. Sarvani, 20-1-14, QUIZ - Quick Rapid Review, SRMC Chennai, CONSOLATION

30. Seminars / Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Dr. NTRUHS CDE programs (conducted twice in a year from 2011 onwards), source of funding are DR. NTR University of Health Sciences & Narayana Dental College.

31. Code of ethics for research followed by the departments:

As per Institutional Review Board

32. Student profile program-wise: (Maintained at Institutional level)

| Name of the Program (refer to question no. 4) | Applications received | Selected | | Pass percentage% (2015 FINAL BDS EXAMS)(TOTAL APPEARED 57) | |
|--|-----------------------|----------|--------|--|--------|
| | | Male | Female | Male | Female |
| BDS (2014-15) | 100 | 18 | 82 | 100 | 94 |
| MDS (2014-15) | 3 | 1 | 2 | 100 | 100 |

33. Diversity of students: (Maintained at Institutional level)

| Name of the Program (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|--|--|--|---|------------------------------------|
| BDS (2014-15) | 85 | NIL | NIL | 15 |
| MDS (2014-15) | 3 | 0 | 0 | 0 |

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

| Category | Student |
|----------|-----------------------------|
| IPS | Dr.Vamsi (BDS) (2007 batch) |

35. Student progression

| Student progression | Percentage against enrolled |
|---|--|
| UG to PG | 30-40% approx 1% (Oral Pathology Subject at NDCH) |
| PG to M.Phil, DM / M Ch / DNB | NIL |
| PG to Ph.D. | NIL |
| Ph.D. to Post-Doctoral | NIL |
| Employed | NIL |
| <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment | NIL |

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| Student progression | Percentage against enrolled |
|---------------------|-----------------------------|
| Entrepreneurs | NIL |

UG passing % (Maintained at Institutional level)

FIRST YEAR BDS

| Year of Exams | Total No. Appeared | Total No. Passed | Pass percentage (%) |
|---------------|--------------------|------------------|---------------------|
| 2010-11 | 97 | 80 | 82 |
| 2011-12 | 97 | 80 | 82 |
| 2012-13 | 98 | 81 | 83 |
| 2013-14 | 95 | 88 | 93 |
| 2014-15 | 98 | 75 | 77 |

THIRD YEAR BDS

| Year of Exams | Total No. Appeared | Total No. Passed | Pass percentage (%) |
|---------------|--------------------|------------------|---------------------|
| 2010-11 | | | |
| 2011-12 | | | |
| 2012-13 | 65 | 59 | 90.7 |
| 2013-14 | 57 | 57 | 100 |
| 2014-15 | 73 | 72 | 99 |

MDS

| Year of Exams | Total No. Appeared | Total No. Passed | Pass percentage (%) |
|---------------|--------------------|------------------|---------------------|
| 2010 (Apr) | 03 | 03 | 100 |
| 2011(Apr+Oct) | 02+03 | 00+02 | 0+67 |
| 2012(Apr+Oct) | 04+03 | 01+03 | 25+100 |
| 2013(Apr+Oct) | 03+01 | 02+01 | 67+100 |
| 2014 (Apr) | 03 | 03 | 100 |
| 2015 (Apr) | 03 | 03 | 100 |

36. Diversity of staff

| | |
|--|--|
| Percentage of faculty who are graduates | |
| of the same university | 50% (3 staff, DR.NTRUHS Univ) |
| from other universities within the State | 0 |
| from universities from other States | 50% (3 staff), Karnatak Univ (1), MGR Univ (2) |
| from universities outside the country | 0 |

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.

during the assessment period: None

38. Present details of departmental infrastructural facilities with regard to

a) **Library** - 90 Text Books, 18 Library Dissertations, 180 Seminars, 18 Main Dissertations

b) **Internet facilities for staff and students** – Internet facility provided from college is available for staff (LAN) and students avail private internet facility (Wi-Fi Zone)

c) **Total number of class rooms** - 04

d) **Class rooms with ICT facility and ‘smart’ class rooms** - 03

e) **Students’ laboratories**

- Area - 1666 sq ft, can accommodate 60 students
- Equipped with 20 illuminated tables, 30 monocular microscopes, teaching models & casts, laminated H & E diagrams and notes

f) **Research laboratories – 02**

- Area – 506 sq ft & 253 sq ft
- Equipped with
 - Routine soft tissue processing & sectioning equipment
 - Microm semi-automated microtome
 - 12 Binocular Olympus (CX21 & Ch20i) microscopes
 - Olympus BX51 research microscope with polarizing, darkground, phase attachments.
 - Microphotography equipment
 - Image analyser

39. List of doctoral, post-doctoral students and Research Associates

a) **from the host institution/university** – None

b) **from other institutions/universities** – None

40. Number of post graduate students getting financial assistance from the university.

None

41. Was any need assessment exercise undertaken before the development of newprogram (s)? If so, highlight the methodology.

PG training program was started in May 2006

Before starting PG Course – LIC and DCI inspections were held and started after meeting the

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norms of DCI and obtaining the permission from the DCI.

05 renewal DCI Inspections were held 01 recognition inspection was held in April 2009

MDS course was recognized in June 2009

42. Does the department obtain feedback form?

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Faculty gives feedback on curriculum and teaching learning evaluation through structured feedback designed by the institution. In addition faculty provides feedback on library, infrastructure and organizational climate. Feedback is collected on all courses and programs. Through these feedbacks necessary information about the curriculum, teaching and learning evaluation is availed and necessary corrective actions initiated. From the analysis of feedback problem based learning, enrichment courses are initiated in all the departments. CPA cards are initiated. Library and online resources are used for teaching. Self directive learning measures are initiated.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Feedbacks are designed to be collected from students. Students submit feedback on performance of teacher. They also give feedback on courses, program and teaching learning evaluation. From these feedbacks library infrastructure gets upgraded, student projects are initiated, student research seed money gets initiated including evaluation reforms.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

The alumni give feedback on the programs, competence gained, academic enrichment and continuing dental education needed for improvement. They also give suggestions for institution improvement.

43. List the distinguished alumni of the department (maximum 10)

1. Dr.Narendranath Reddy
2. Dr.Rajesh
3. Dr.Subash
4. Dr.Rachna Rath
5. Dr.Bhavani
6. Dr.Srikanth Kotina

7. Dr.Indira
8. Dr.Sanghamitra
9. Dr.Venu Naidu
10. Dr.Lavanya

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

1. CDE programs are conducted twice every year under the auspices of Dr.NTRUHS University

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

For UG

- Board and pens
- Display of fixed focus of the histopathology slides
- Using models, specimens, charts and casts for discussions
- Powerpoint presentations with sufficient clinical and histopathology pictures, diagrams and flow charts etc
- Discussion of UG slides under Research microscope with photography & computer attachment
- Discussions are held along with demonstration of tissue processing, sectioning and staining

Dental Anatomy & Histology

- I BDS Subject
- 100 theory classes covering the entire portion as specified by DCI and Dr.NTRUHS. Curriculum is handled by the entire faculty
- 50 Practical classes each of 2hrs duration are taken. 100 students are divided into two batches. Each batch has 03 practical classes of 2hrs each in a week. Further each batch is divided into group of 10 students for effective teaching and learning purpose.
- Training to do Wax carvings of permanent teeth are given by demonstrations. Initially few geometric carvings are practiced. Students also need to draw the diagrams of the teeth and write about the relevant morphological descriptive points in the records.
- Oral histology slides are focused under mono-ocular microscopes. Students are trained to

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observe and interpret their observations. Laminated schematic Haematoxylin and eosin drawings with explanations are made use of. Later they draw the diagrams and get them evaluated. The relevant descriptive points are also penned in the records.

Oral Pathology & Microbiology

- II & III BDS Subject
- 125 theory classes (25 classes – II yr and 100 classes – III yr) covering the entire portion as specified by DCI and Dr.NTRUHS. Curriculum is handled by the entire faculty.
- 30 Practical classes each of 2hrs duration are taken. 100 students are divided into two batches. Each batch has 01 practical classe of 2hrs each in a week. Further each batch is divided into group of 10 students for effective teaching and learning purpose.
- The Oral Pathology slides to be taught are initially focused on a research microscope which is captured live via the camera attchement onto the computer screen and explained. Later they are focused under mono-ocular microscopes. Students are trained to observe and interpret their observations. Laminated schematic Haematoxylin and eosin drawings with explanations are made use of. Later they draw the diagrams and get them evaluated. The relevant descriptive points are also penned in the records.

For PG:

- Chairside discussions
- Clinico-pathologic discussions
- Pedagogy
- Seminars
- Slide discussions
- Journal article critical appraisal

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

For UG:

- Week end assessment exams are conducted and evaluated
- Internal assessments are conducted and evaluated
- Discussions are held after the theory classes
- Topic based discussions on Oral Histology & Oral Pathology are conducted during slide discussions and while evaluating practical records
- Discussions on tooth morphology are taken during wax carving sessions and while

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evaluating the submissions of tooth carvings

- Study hours at the end of the day subject wise
- Feedbacks are taken every 6 months and accordingly the teaching methodology etc are modified

For PG:

- Evaluation of the work during submissions
- Evaluation on submitting daily work done logbook
- Pedagogy
- Year end exams (theory and practical) are conducted and evaluated
- Written exams on weekly basis are conducted and evaluated
- Evaluation during slide discussions, seminar and journal article presentations and clinical case discussions is done

47. Highlight the participation of students and faculty in extension activities.

- Students are encouraged to present scientific papers / posters at State & National level Conferences & Conventions
- Students are encouraged to participate in Quiz competitions
- Students and faculty take up projects related to advance diagnostics / forensic work / epidemiological / Immunohistochemistry work

48. Give details of “beyond syllabus scholarly activities” of the department.

- Participation of all staff & postgraduates in “No tobacco” campaign
- Participation of all staff & postgraduates in Oral Health screening camps

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

None

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The following are the research work done by the postgraduates and faculty of the department contributing towards new information:

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- Immunohistochemical Study Of E-Cadherin And Syndecan-1 In Pleomorphic Adenoma And Adenoicytic Carcinoma
- Immunohistochemical Study Of Osteonectin Expression In Pleomorphic Adenoma And Adenoidcystic Carcinoma
- Study Of Differences In Shape Of Palatal Rugae In Two Populations Of India And Its Role In Population Differentiation
- Quantification Of Mast Cells, In Healthy Gingiva, Inflammatory / And Reactive Hyperplastic Gingival Lesions- A Comparitive Histochemical & Immunohistochemical Study
- Effect Of Chronic Nail Biting And Finger Sucking Habits On Oral Carriage Of Enterobacteriaceae
- A Comparative Analysis Of Salivary Peroxidase Levels In Psychologically Stressed Individuals With And Without Stress Related Oral Lesions
- Immunoexpression Of Osteonectin, MMP9 And Ki67 In Keratocystic Odontogenic Tumours
- Immunoexpression Of Osteonectin, MMP 9 And Ki67 In Ameloblastomas
- Salivary Immunoglobulins And Oral Candidal Carriage In Type II Diabetics With Chronic Periodontitis
- HCG In Immunohistochemical Study Of Salivary Gland Tumours And Odontogenic Tumours
- Salivary Factors, Candidal Colonization And Strain Diversity In Type II Diabetics
- Biomonitoring Cytogenetic Damage In Automobile Mechanics By Micronucleus Test
- Effects Of Polyphenols And Probiotics On The Microflora
- Biomonitoring Cytogenetic Damage In Petrol Station Attendants: Micronucleus Test In Exfoliated Buccal Cells

Innovative techniques:

- Effect Of Curcuma Longa Extract On Candida Albicans Adhesion To Heat Cure Acrylic Resin Denture Material-An Invitro Study

The department by imparting basic knowledge in the field of Oral anatomy, Physiology, Histology & Pathology, Dental anatomy helps the students in applying the knowledge gained in clinical settings, thus enabling them to emerge as good diagnosticians and in imparting appropriate & timely oral health care to the public. The knowledge on Oncology and potentially malignant lesions gained also helps in Oral cancer screening and creating awareness of tobacco related diseases among the public.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

| Strengths | Weaknesses | Opportunities | Challenges |
|---|---|--|---|
| A team of young, enthusiastic and dedicated teaching faculty | Lack of funds for departmental usage | Opportunity to utilize the guidance from eminent researchers, equipments and patient resource from Narayana Medical College & Narayana Medical Hospital & Super-specialty Hospital | Update the infrastructure of the department |
| Good preliminary research facility | Lack of adequate training of faculty in advanced laboratory techniques | Identify areas of research in the rural scenario. | Improve the research facility & publications of the department. |
| Good facilities for providing diagnostic services on time | The department periodical evaluates its performance & anticipates the problematic areas well in advance and finds effective solutions in case they arise. | Access to various research instruments like PCR etc., in Advanced Research Centre at Narayana Medical College | Encourage the students to become good dentists and good citizens of India |
| Good interdepartmental and inter - institutional coordination | | With a large student population in the campus, various students related studies are possible. | Counseling carcinoma patients for better treatment outcomes |
| Good patient resource | | Plan for innovative practices which are cost effective. | To create awareness on tobacco related oral diseases. |

52. Future plans of the department

| | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2020-21 |
|-----------------------|--|--|--|--|--|
| Courses | To go for enhancement of PG seats from 3 to 6 | To start with technician course | Planning to start PhD programme | Planning to start with fellow ship courses in advanced diagnostic techniques | |
| TLE | To train PGs in using specialized microscope | PCR training for all the staff and PGs | Training in FISH analysis and other Genetic techniques | Training in flow cytometry techniques | Training in cell culture preparation |
| Adminis tration | To start microbiology lab and improve hematology lab | To train PGs in IHC techniques | To establish forensic odontology department | To get cryostat and stereo microscope for the department | To get equipments for PCR techniques |
| Research / Extensio n | To expand Microbiologic al investigations based studies | To do more IHC based studies | To publish more in international journals | Immuno- fluorescence in oral lesions | PCR, DNA in-situ Hybridizati on, Genetic studies, Cell Culture studies |
| Infrastru ctures | Planning to procure penta head microscope To start with microbiology lab | Patterning the IHC lab | Planning to get fluorescent microscope | Planning to get hard tissue microtome | Setting up of PCR lab |

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| | | | | | |
|-------------------------|--|---|---|--|---|
| Innovation | Specification of different genera of micro organisms | To conduct hands on course on IHC | To conduct inter university debate competition on controversial oral lesions | Implementation of FISH in the department | To conduct hands on course on gel electrophoresis |
| Collaborations/Linkages | Collaboration with regional cancer institute | Collaboration with local government and private hospitals in educating the people regarding the harmful effect of tobacco | Collaboration with local government and private hospitals for the use of cytosmears and other aids for early diagnosis of oral malignancy | Screening of oral cancer and other malignancies in collaboration with IDA Nellore and other important organizations in and around Andhra Pradesh | Collaboration with ICMR for research activities |



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Evaluative Report of the Department

1. Name of the Department

Department of Orthodontics & Dentofacial Orthopaedics.

2. Year of establishment

UG – 2001, PG 2006

3. Is the Department part of a college/Faculty of the university?

Department is part of Narayana Dental College approved by NTR University of Health Sciences

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG – BDS: Bachelor of Dental Surgery

PG – MDS: Master of Dental Surgery

5. Interdisciplinary programs and departments involved

Interdisciplinary seminars & case discussions are done among Departments of oral maxillofacial surgery, oral medicine & radiology, Periodontics, Paedodontics, Prosthodontics and Public Health Dentistry.

Postgraduate students of the department actively participate in Orthodontic camps in various schools and orphanages.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

None

7. Details of programs discontinued, if any, with reasons

None

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Annual Examination System

9. Participation of the department in the courses offered by other departments

None

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|----------------------------|------------|--------|------------------------------|
| Professor | 2 | 2 | 2 |
| Associate Professor/Reader | 4 | 4 | 4 |
| Assistant Professor | 4 | 4 | 6 |

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

| S. No. | Name of the staff | Qualification | Designation | Specialisation | Teaching experience |
|--------|---------------------------|---------------|------------------------------|--|---------------------|
| 1. | Dr. Mandava Prasad | MDS | PROFESSOR & H.O.D | Orthodontics and dentofacial orthopedics | 21 Years |
| 2. | Dr.S.GowriSankar | MDS | Professor | Orthodontics and dentofacial orthopedics | 15 Y-0M-12D |
| 3. | Dr.Srinath. M | MDS | Professor | Orthodontics and dentofacial orthopedics | 15Y-5 M-1D |
| 4. | Dr.KarunakaraReddy. V | MDS | Professor | Orthodontics and dentofacial orthopedics | 12 Y-1M-23D |
| 5. | Dr. DivyaIska | MDS | Professor | Orthodontics and dentofacial orthopedics | 10Y- 5M-15D |
| 6. | | | | | |
| 7. | Dr. JeevanKumar.N | MDS | Reader | Orthodontics and dentofacial | 5Y-2M-12D |

| | | | | | |
|-----|-----------------------------|-----|--------------------|--|-----------|
| | | | | orthopedics | |
| 8. | Dr.LakshmiVenkatesh waramma | MDS | Reader | Orthodontics and dentofacial orthopedics | 5Y-2M-0D |
| 9. | Dr.Praveen Kumar. K | MDS | Reader | Orthodontics and dentofacial orthopedics | 4Y-7M-0D |
| | | | | | |
| 10. | Dr.Iluru.Rohoni | MDS | Sr.Lecturer | Orthodontics and dentofacial orthopedics | 5Y-0M-13D |
| 11. | Dr. VivekReddy.G | MDS | Sr.Lecturer | Orthodontics and dentofacial orthopedics | 2Y-6M-25D |
| 12. | Dr .Chaitanya. N | MDS | Sr.Lecturer | Orthodontics and dentofacial orthopedics | 1Y-6M-27D |
| 13. | Dr.Sai Seshadri Bharath.T | MDS | Sr.Lecturer | Orthodontics and dentofacial orthopedics | 0Y-6M-0D |
| 14. | Dr. Ramyasree K | MDS | Sr.Lecturer | Orthodontics and dentofacial orthopedics | 0Y-1M-0D |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NONE

13. Percentage of classes taken by temporary faculty – program-wise information

None. There are no temporary faculty

14. Program-wise Student Teacher Ratio

UG - 10:1, PG – 1.5: 1

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15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Clerk - 1

Sister- 2

Attender- 1

Attender -1

Sweeper- 1

16. Research thrust areas as recognized by major funding agencies

None

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

None

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

None

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

None

20. Research facility / centre with

Advanced Research Center - Narayana Medical College (within the campus)

State recognition

National recognition

International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Animal Laboratory facility

Real time PCR facility

Stem cell unit

22. Publications:

*** Number of papers published in peer reviewed journals (national / international)**

NATIONAL

2014 07

1. Comparative Assessment of Sagittal Skeletal Discrepancy: A Cephalometric Study- P. Aparna¹, DilipKumar N.², Mandava Prasad³, Naveen Shamnur⁴, Arun Kumar G.⁵, Sridhar K.R.⁶, Gopal KrishnaB.R.⁷, Neeraj Gupta⁸- Journal of Clinical and Diagnostic Research. 2015 Apr, Vol-9(4): Floral double mesiodentes: A rare case report KNR Gowri Sankar Singaraju, B. Rama Mohan Reddy, G. Supraja Journal of Natural Science, Biology and Medicine 6 (1), 229231
2. The Assessment of Sagittal Changes with Twin Block Appliance in Patients with Decelerating Growth Phase LM Dauravu, V Vannala, M Arafath, GS Singaraju, SA Cherukuri, ...Journal of clinical and diagnostic research: JCDR 8 (12), ZC81
3. Dentest basic sciences gowri sankar paras medical publishers 1, 1200
4. Effect of moisture, saliva, and blood contamination on the shear bond strength of brackets bonded with a conventional bonding system and selfetched bonding system Mandava Prasad, Shamil Mohammed, Krishna Nayak, Sharath Shetty, Talapaneni ...Journal of natural science, biology, and medicine 5 (1), 123
5. A comparison between cervical vertebrae and modified MP3 stages for the assessment of skeletal maturity M Prasad, VSK Ganji, SA George, AK Talapaneni, SK Shetty Journal of natural science, biology, and medicine 4 (1), 74
6. Median mandibular flexure at different mouth opening and its relation to different facial types: a prospective clinical study M Prasad, MZ Hussain, SK Shetty, TA Kumar, M Khaur, SA George, ...Journal of natural science, biology, and medicine 4 (2), 426
7. Annals and Essences of Dentistry. 2014 K.Praveen Kumar Reddy

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8. A Comparative Study of Dermatoglyphics in Individuals with Normal Occlusions and Malocclusions
BRM Reddy, SG Sankar, ET Roy, S Govulla
Journal of clinical and diagnostic research: JCDR 7 (12), 3060
Comparison between Silk Sutures and Cyanoacrylate Adhesive in Human Mucosa A Clinical and Histological Study
9. GVS M Suresh Kumar¹, Sreelakshmi Natta², Gowri Shankar³, S Hari Krishna ...J Int Oral Health 5 (5), 95100.Journal of Natural Science, Biology & Medicine. 2013 K.Praveen Kumar Reddy.

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2012-2013 13

1. The Prevalence of Workrelated Musculoskeletal Disorders among Indian Orthodontists.

SG Sankar, PV Reddy, BR Reddy, KKE Vanaja

Journal of Indian Orthodontic Society 46

1. Testing methods of the physical properties of the archwires G Srinath M *, Chakrapani N
** Journal of Dentistry and Oral Biosciences 3 (1), 4144

2. Testing methods of the physical properties of the archwires G Srinath M *, Chakrapani N
** Journal of Dentistry and Oral Biosciences 3 (1), 4144

3. Testing methods of the physical properties of the archwires G Srinath M *, Chakrapani N
**Journal of Dentistry and Oral Biosciences 3 (1), 4144

4. Synopsis of dental materials s gowri sankar

5. Dentest clinical sciences s gowri sankar paras medical publishers 1, 1200

6. Textbook of orthodontics s gowri sankar venkat ramana vannala paras medical publishers
1, 992

7. Orthodontic Scars V Reddy, V Vasudevan, G Sankar, AV Arun, S Mahendra, MK Khalid
Journal of Indian Academy of Oral Medicine & Radiology; 24 (3), p217

8. Evaluation of arch width variations among different skeletal patterns in South Indian
population M Prasad, ST Kannampallil, AK Talapaneni, SA George, SK Shetty Journal of
natural science, biology, and medicine 4 (1), 94

9. An Evaluation of Skeletal Maturation by HandWrist Bone Analysis and Cervical Vertebral
Analysis: A Comparitive Study. S Chalasani, J Kumar, M Prasad, B Shetty, TA Kumar

10. Comparison of sagittal and vertical dental changes during first phase of orthodontic
treatment with MBT vs ROTH prescription AK Talapaneni, G Supraja, M Prasad, PB
Kommi. Indian Journal of Dental Research 23 (2), 182

11. Shear Bond Strength of Resin Modified Glass Ionomer Cement with threedifferent typess
of Brackets and the Enamel damage On Debonding.V Mahajan, M Prasad, A Kumar Indian
Journal of Dental Sciences 4 (1)

12. A comparative study of physical and mechanical properties of the different grades of
Australian stainless steel wires

SG Sankar, VS Shetty, HSD Karanth Trends Biomater Artif Organs 25, 6774

2011-2012 06

1. A Comparison between Smart clip SelfLigating Bracket versus Conventional Twin
Brackets in Alleviating Mandibular Anterior CrowdingAn - in Vivo Study.

Narayana Dental College & Hospital, Nellore

M Prasad, PB Kommi, C Manjunath

Archives of Dental Sciences 2 (2), 2329

2. The Clinical Relevance Of Orthodontic Archwire Properties: A Review.

S Chalasani, P Mandava

Annals and Essences of Dentistry 3 (1), 113117

3. Shear bond strength of laser cured composite resin for direct bonding of orthodontic brackets in vitro comparative study

N Shamnur, M Prasad, JJ Jacob

Annals and Essences of Dentistry 3 (2), 310

4. The effects of orthopedic facemask depending on vertical facial patterns.

N Shamnur, M Prasad, K KP

Annals and Essences of Dentistry 3 (3), 713

5. Journal of contemporary clinical dentistry. (pubmed). 2011

K.Praveen Kumar Reddy

2010-2011 03

1. Methods of identification in forensic dentistry

P Ratnakar, GS Singaraju

Annals and essences of dentistry 2 (1), 2628

2. Oral Manifestations Of Chikungunya Fever In Clinically Diagnosed

Chikungunya Cases (CDCG) A Purposive Study

GS Singaraju, E Vanaja, S PS

3. ENDOORTHODONTICS INSIDE AND OUTSIDE THE ROOT INTERACTIONS:

TASKS TO BE TACKLED

RKGSSRK *VenkataRamana V ** Swapna M ****

Annals and Essences of Dentistry 2 (3), 141145

INTERNATIONAL

2015-2016 01

A Comparative Study of Three Types of Rapid Maxillary Expansion Devices in Surgically Assisted Maxillary Expansion: A Finite Element Study.

1. **Gowri Sankar Singaraju**¹, Dhyanisree Chembeti², **Prasad Mandava**³, V Reddy Karunakara¹, Sharath Kumar Shetty⁴, Suja Ani George⁵

2014-2015 04

A comparative in vivo evaluation of the alignment efficiency of 5 ligation methods: A

prospective randomized clinical trial

2. VB Reddy, TA Kumar, **Mandava Prasad**, S Nuvvula, RG Patil, PK Reddy European journal of dentistry 8 (1), 23

Evaluation of nasal morphology in predicting vertical and sagittal maxillary skeletal discrepancies'

Mandava Prasad, N Chaitanya, KPK Reddy, AK Talapaneni, VB Myla, SK Shetty

European journal of dentistry 8 (2), 197.

European journal of dentistry. 2014

2013-2014 02

Serum PTHrP level as a biomarker in assessing skeletal maturation during circumpubertal development

MZ Hussain, AK Talapaneni, **Mandava Prasad**, R Krishnan

American Journal of Orthodontics and Dentofacial Orthopedics 143 (4), 515521

Relationship Between Drinking Water Fluoride Levels, Dental Fluorosis,

Dental Caries and Associated Risk Factors in 912

Years Old School Children of Nelakondapally Mandal of Khammam District, Andhra Pradesh, India: A Crosssectional Survey

SC M Shanthi¹, B Vishnuvardhan Reddy², V Venkataramana³, **S Gowrisankar⁴**, B V ...

Journal of International Oral Health 2014; 6 (3), 106110

2012-2013 01

Comparison between Silk Sutures and Cyanoacrylate Adhesive in Human MucosaA Clinical and Histological Study

GVS M Suresh Kumar¹, Sreelakshmi Natta², Gowri Shankar³, S Hari Krishna J Int Oral Health 5 (5), 95100.

2011-2012 01

Management of the Medically Compromised Cases in Orthodontic Practice

GS Singaraju, V Vannala, R Sigamani, KS Rao, I Adil

Asian Journal of Medical Sciences 1 (2), 6874

2010-2011

National – 32(Thirty Two) International- 6(SIX)

* Monographs

* **Chapters in Books - FIFTEEN –Text Book of Orthodontics by DrGowrisankar**

* **Two Chapters By DrMandava Prasad**



Narayana Dental College & Hospital, Nellore

- * Books edited
- * Books with ISBN with details of publishers
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index

Dr Mandava Prasad

Professor & Head of Orthodontics

Orthodontics & Dentofacial Orthopaedics, Self-esteem in Orthodontics, Burnout in Dentistry, Skeletal maturation in Orthodontics

Verified email at narayanagroup.com

My profile is public

| | | |
|------------------|-----|------------|
| Citation indices | All | Since 2010 |
|------------------|-----|------------|

| | | |
|-----------|----|----|
| Citations | 17 | 17 |
|-----------|----|----|

| | | |
|---------|---|---|
| h-index | 2 | 2 |
|---------|---|---|

| | | |
|-----------|---|---|
| i10-index | 0 | 0 |
|-----------|---|---|

Dr Gowrisankar singaraju

professor of orthodontics

orthodontics, dental materials

No verified email

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|------------------|-----|------------|
| Citation indices | All | Since 2010 |
|------------------|-----|------------|

| | | |
|-----------|----|----|
| Citations | 36 | 35 |
|-----------|----|----|

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| h-index | 4 | 4 |
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| i10-index | 0 | 0 |
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| S. No | FACULTY NAME AND DESIGNATION | NAME OF THE JOURNAL | CATEGORY I/ II | AUTHORSHIP (1 ST , 2 ND , 3 RD) | YEAR OF PUBLICATION | POINTS |
|-------|------------------------------|---------------------|----------------|---|---------------------|--------|
|-------|------------------------------|---------------------|----------------|---|---------------------|--------|

| | | | | | | |
|----|----------------------------------|--|-----------------------|-----------------|------|-----|
| 1. | Dr. Mandava Prasad Prof & HOD | 1. Journal of Natural Sciences, Biology & Medicine (pubmed) | I (5 Publications) | 1 st | 2013 | 75 |
| | | 2. American journal of orthodontics and dentofacial orthopedics (pubmed) | I | 3 rd | 2013 | 15 |
| | | 3. European journal of dentistry (pubmed) | I (2 publications) | 2 nd | 2014 | 30 |
| | | 4. Indian journal of dental research (pubmed) | I | 3 rd | 2012 | 15 |
| | | 5. Annals and essences of dentistry | I | | 2011 | |
| | | 6. Journal of International Oral Health 2015; | I | 3 rd | 2015 | 7.5 |

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| | | | | | | |
|--|-------------------------------|--|----|-----------------|-------|-----|
| | | 7(9):1-7 | | 1 st | 2011 | 5 |
| | | 7.Guident | II | 1 st | 2011 | 5 |
| | | 8. Archives of dental sciences | | 3 rd | 2013 | 7.5 |
| | | 9.Journal of Indian orthodontic society | I | 3 rd | 2015 | 7.5 |
| | | 10. Journal of Clinical and Diagnostic Research. 2015 Apr, Vol-9(4): ZC38-ZC41 | I | | | |
| | | | | | Total | 160 |
| | | 1. Trends Biomater. Artif. Organs, 25(2), 67-74 (2011) | I | 1 st | 2011 | 15 |
| | | 2. J Indian Orthod soc.2012;46(4):264-268 | I | 1 st | 2012 | 15 |
| | | 3. Journal of Clinical and Diagnostic Research. 2013 Dec, Vol-7(12): 3060-3065 | I | 2 nd | 2013 | 15 |
| | Dr.S.GowriSankar Professor | | | | | |

Narayana Dental College & Hospital, Nellore

| | | | | | | |
|--|---|---|--|-----------------|------|-----|
| | 4. J Int Oral Health. Oct 2013; 5(5): 95–100. | | | 3 rd | 2013 | 7.5 |
| | 5. J Int Oral Health. Jun 2014; 6(3): 106–110. | | | 3 rd | 2013 | 7.5 |
| | 6. Journal of International Oral Health 2015; 7(9):1-7 | I | | I | 2015 | 15 |
| | 7.. Journal of Indian Orthodontic Society Vol 49 Issue 1 Jan-Mar 2015--- Skeletal anchorage in orthodontic treatment of Class II malocclusion: Contemporary applications of orthodontic implants, miniscrew implants and mini plates-Book Review | I | | I | 2015 | 15 |

| | | | | | | |
|----|---------------------------------------|--|----|------------------|------|-----|
| 3. | Dr.M.Srinath Professor | 1. Journal of Clinical and Diagnostic Research | I | 5 th | 2013 | 7.5 |
| | | 2. ISRN Dentistry | I | 10 th | 2012 | 7.5 |
| | | 3. Journal Of PearlDentVol 3 Issue 4 (2012) | II | 3 rd | 2012 | 2.5 |
| | | 4. Journal Of PearlDentVol 3 Issue 4 (2012) | II | 3 rd | 2012 | 2.5 |
| | | 5. Annals And Essences Of Dentistry | II | 1 st | 2013 | 5 |
| | | 6. Journal of Dentistry and oral biosciences | II | 1 st | 2014 | 5 |
| 4 | Dr.V.Karunakara Reddy Professor | Annals and Essences of Dentistry | II | 1 st | 2013 | 5 |
| | | Journal of Dentistry and Oral Biosciences | II | 1 st | 2012 | 5 |
| | | Journal of Dentistry and Oral | II | 1 st | 2012 | 5 |

| | | | | | | |
|---|---------------------------------------|---|----|------------------------------------|------|-----|
| | | Biosciences | | | | |
| 5 | Dr.DivyaIska Professor | International Journal Of Oral Health Sciences And Advances | II | 1 st | 2013 | 5 |
| | | | II | 1 st | 2013 | 5 |
| 6 | Dr. Jeevan Kumar. N Reader | Journal of Indian Orthodontics Society (Oct-Dec) | I | 2 nd | 2013 | 15 |
| 7 | Dr.K.Praveen Kumar Reddy Reader | 1. Journal of contemporary clinical dentistry. (pubmed). | | 2 nd | | |
| | | 2. Journal of Natural Science, Biology &Medicine. (pubmed). | I | 2 nd 6 th | 2011 | 15 |
| | | 3. European journal of dentistry. (pubmed) | I | 1 st 3 rd | 2013 | 15 |
| | | 4. Annals and Essences of Dentistry | I | | 2014 | 7.5 |

Narayana Dental College & Hospital, Nellore

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|-------------|--|---|----|------------------------|-------------|-----|
| | | 5. European journal of dentistry. (pubmed) | II | | 2014 | 5 |
| Inspector 1 | | | I | | 2014 | 7.5 |
| | | | | | Inspector 2 | |
| 8 | Dr. Lakshmi Venkateshwaramma Reader | Journal of Contemporary Dentistry Annals and Essences of Dentistry | II | 1 st Author | 2011 | 5 |
| | | | II | 1 st Author | 2013 | 5 |

23. Details of patents and income generated

24. Areas of consultancy and income generated

Areas of consultancy are

- Removable Orthodontic appliances
- Functional Orthodontic Appliances
- Orthopaedic Appliances
- Fixed Orthodontic Appliances
- Self Ligating appliances
- Orthognathic surgeries
- Cleft Lip & palate Cases
- Microimplants
- Magnets for Orthodontic treatment

Annual income – 15 lakhs average

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any

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other (specify)

DrMandava Prasad

EXECUTIVE COMMITTEE MEMBER Indian Orthodontic Society - 2012- -2015-

Chairman-member benefit program –Indian Orthodontic Society

Golden jubilee committee member- Indian Orthodontic Society

b) DrMandava Prasad –

Editorial Board Member- Cumhuriyat Dental Journal Turkey (International)

Reviewer Journal of world federation of orthodontics (International Pubmed)

Reviewer-Journal of Natural sciences, Biology, and medicine (National-Pubmed)

Reviewer- Contemporary Clinical Dentistry (National –Pubmed)

Reviewer to Indian Journal of Multidisciplinary Dentistry (Pubmed)

Reviewer to Indian journal of dental research (Pubmed)

Reviewer to Journal of Indian orthodontic Society (JIOS)

DrGowrisankar-

Editor- Publisher-Reviewer-Annals &Essences in dentistry

Reviewer to Journal of Indian orthodontic Society (JIOS)

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

NTR Health University annual workshops

Zonal CDE programs

IDA symposium & CDE programs

APOSG Conferences

Indian Orthodontic national conferences

Indian Orthodontic national Post graduate conventions

State Level Orthodontic Workshops

International orthodontic conferences

28. Student projects

- **percentage of students who have taken up in-house projects including inter-departmental projects**
- **percentage of students doing projects in collaboration with other universities / industry / institute**

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29. Awards / recognitions received at the national and international level by

- Faculty
- DR MANDAVA PRASAD
- Fellow –Pierre Fauchard academy (FPFA) (International)
- Fellow- International College of Dentists (FICD)(International)
- Fellow-World Federation of Orthodontics (FWFO)(International)
- International Member- AAO (American Association of Orthodontics)
- Life Member- Indian Society of Dental Research (ISDR)
- IOS best smile awareness video- at 50th IOC- Hyderabad- December-2015
- Doctoral / post doctoral fellows
- Students

2013-2014 01

Burnout In Dentistry, 48th IOS Conference, Ahmedhabad. B.Venkata Naidu, First Year PG.

2012-2013 01

Dr Shamil Mohammed- -University topper in orthodontics

2011-2012 01

Dr Senny Thomas kannampallil—NTR university topper- Orthodontics

2010-2011 01

Dr Supraja—NTR University Gold Medal

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Zonal CDE Programs sponsored by Dr NTR UHS Andhra Pradesh

31. Code of ethics for research followed by the departments

Helsinki declaration

University Ethical Committee Board

Institutional Ethical Committee Board

32. Student profile program-wise:

| Name of the Program (refer to question no. 4) | Applications received | Selected | | Pass percentage | |
|--|--------------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| | | | | | |

Narayana Dental College & Hospital, Nellore

| Name of the Program (refer to question no. 4) | Applications received | Selected | | Pass percentage | |
|--|--------------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| | | | | | |

33. Diversity of students

| Name of the Program (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|--|--|--|---|------------------------------------|
| | | | | |
| | | | | |
| | | | | |

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

DrVamsi Krishna Alumni 2007 BDS : Cleared UPSC IPS 2014 batch

35. Student progression

| Student progression | Percentage against enrolled |
|--|-----------------------------|
| UG to PG | |
| PG to M.Phil, DM / M Ch / DNB | None |
| PG to Ph.D. | None |
| Ph.D. to Post-Doctoral | None |
| Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment | None |
| Entrepreneurs | |

36. Diversity of staff

| Percentage of faculty who are graduates | |
|---|------|
| of the same university | 50 % |

| | |
|--|------|
| from other universities within the State | - |
| from universities from other States | 50 % |
| from universities outside the country | - |

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period.

38. Present details of departmental infrastructural facilities with regard to

a) Library

BOOKS AVAILABLE IN DEPARTMENTAL LIBRARY

| S.NO | AC C.N O | TITLE OF THE BOOK | ACC.NO | E D |
|----------------------------------|----------------|--|-------------------|-------------|
| | | | | |
| <u>FOREIGN TITLES</u> | | - | | |
| 1 | 83 | ORTHODONTICS CURRENT PRINCIPLES AND TECHNIQUES | GRABER | 1S T |
| 2 | 448 | ORTHODONTICS FOR DENTAL STUDENTS | GARDINA R | 4 T H |
| 3 | 185 6 | DESIGN AND CONSTRUCTION & USE OF REMOVABLE ORTHODON..APPLI | ADAMS | 6 T H |
| 4 | 219 0 | W&H ORTHODONTIC NOTES | JONES | 6 T H |
| 5 | 225 9 | ORTHODONTIC MANAGEMENT OF THE DENTITION WITH THE PRE ADJUSTED APPLIANCES | JAN C. BENNETT | 2 N D |
| 6 | 226 0 | REMOVABLE ORTHODONTICS APPLIANCES | ISSACSON .KN | 1S T |

Narayana Dental College & Hospital, Nellore

| | | | | |
|----|----------|--|--------------------------|-------------|
| 7 | 226 3 | ORTHODONTIC (PRINCIPLE AND PRACTICE) | GRABER | 1S T |
| 8 | 263 0 | CONTEMPORAY TREATMENT OF DENTOFACIAL DEFORMITY | PROFFIT | 1S T |
| 9 | 270 4 | CONTEMPORARY ORTHODONTICS | PROFFIT | 3 R D |
| 10 | 299 9 | GLOSSARY OF ORTHODONTIC TERMS | DASKALO GIANNAKI S | 1S T |
| 11 | 300 2 | ORTHODONTICS & ORTHOGNATHIC SURGERY: DIAGNOSIS AND PLANNING | JORGE GREGORE T | 1S T |
| 12 | 300 3 | SYSTEMIZED ORTHODONTIC TREATMENT MECHANICS | MC LAUGHLI N | 1S T |
| 13 | 300 5 | BIOMECHANICS AND ESTHETIC STRATEGIES IN CLINICAL ORTHODONTICS | RAVINDR A NANDA | 1S T |
| 14 | 300 7 | ORTHODONTICS CURRENT PRINCIPLES AND TECHNIQUES | GRABER | 4 T H |
| 15 | 326 2 | PROBLEM SOLVING IN ORTHODONTICS | BURSTON E | 1S T |
| 16 | 326 4 | ORTHODONTIC CONCEPTS AND STRATEGIES | VAN DER LINDEN | 1S T |
| 17 | 326 6 | RADIOGRAPHIC CEPHALOMETRY | JACOBSON N | 2 N D |
| 18 | 328 7 | NEW VISTA IN ORTHODONTICS | JOHNSON | 1S T |
| 19 | 341 6 | ORTHODONTIC MANAGEMENT OF UNCROWNED CLASS 11 DIVISION ONE MOLOCCLUSION IN CHILDREN | BENNETT | 1S T |

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|----|---------------|---|---------------------|-------------|
| 20 | 341 8 | FACIAL AND DENTAL PLANING FOR ORTHODONTICS AND ORAL SURGEONS | ARNETT | 1S T |
| 21 | 353 5 | FUNCTIONAL OCCLUSION : FROM TMJ TO SMILE DESIGN | DAWSON | 1S T |
| 22 | 364 0 | CURRENT CONTROVERSIES IN TEMPOROMANDIBULAR DISORDERS | CHARLES MC NEILL | 1S T |
| 23 | 364 1 | MANUAL OF TEMPOROMANDIBULAR DISORDER | WRIGHT | 1S T |
| 24 | 367 8 | BIO MECHANICS IN ORTHODONTICS | MORCOTT E | 1S T |
| 25 | 369 8 | THE ORTHODONTIC TREATMENT OF IMPACTED TEETH | BECKER | 2 N D |
| 26 | 370 3 | BIOENGINEERING ANALYSIS OF ORTHODONTIC MECHANICS | NIKOLAI | 1S T |
| 27 | 370 4 | ORTHODONTIC WITH FIXED APPLIANCES | VANDER LINDIN | 1S T |
| 28 | 371 9 | MOSBY'S ORTHODONTICS REVIEW | ENGLISH | 1S T |
| 29 | 373 6 | TIP-EDGE ORTHODONTICS | PARKHOU SE | 1S T |
| 30 | 373 7 | ORTHODONTIC PEARLS | MIZRAHI | 1S T |
| 31 | 379 0 | CURRENT CONTROVERSIES IN TEMPOROMANDIBULAR DISORDERS | MCNEILL | 1S T |
| 32 | XE RO X | MOYER'S ORTHODONTICS | MOYERS | |
| 33 | 384 6 | MINI- IMPLANTS IN ORTHODONTICS | LUDWIG | 1S T |
| 34 | 384 7 | CLINICAL SUCCESS IN EARLY ORTHODONTIC TREATMENT | ANTONIO PATTI | 1S T |
| 35 | 384 | ORTHODONTIC REMOVABLE APPLIANCES | LOHAKAR | 1S |

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|---------------------------------|----------|--|----------------------|------------------|
| | 0 | | E | T |
| 36 | 392 2 | THE INVISALIGN SYSTEM | TNCAY | 1S T |
| 37 | 392 6 | ESSENTIALS OF ORTHOGNATHIC SURGERY | REYNECK | 1S T |
| 38 | 392 7 | ORTHODONTIC -SURGICAL TREATMENT OF DENTOFACIAL ANOMALIES | PAOLO RINCHI | 1S T |
| 39 | 392 9 | THE HERBST APPLIANCES | HANS RANCHER Z | 1S T |
| 40 | 460 3 | ORTHODONTIC CURRENT PRINCIPLES & TECHNIQUES (INDIAN) | GRABER | 5 T H |
| 41 | 460 9 | CONTEMPORARY ORTHODONTICS , 4E | PROFFIT | E 4 E D |
| | | | | |
| <u>INDIAN TITLES</u> | - | - | | |
| 42 | 228 | REMOVABLE ORTHODONTICS APPLIANCES | RANI | 1S T |
| 43 | 231 | TEXT BOOK OF ORTHODONTICS | RANI | 1S T |
| 44 | 319 | VIVA IN ORTHODONTICS | SOMASUN DARAM | 1S T |
| 45 | 446 | VIVA IN ORTHODONTICS | SOMASUN DARAM | 1S T |
| 46 | 184 6 | TEXT BOOK OF ORTHODONTICS | BISHRA | 1S T |
| 47 | 185 0 | ORTHODONTICS SURGERY, ESTHETIC SURGERY OF THE FACE | MANI | 1S T |
| 48 | 186 | ORTHODONTICS | BALAJI | 2 |

| | | | | |
|---------------------------------|----------|--|--------------------------|-------------|
| | 4 | | | N D |
| 49 | 247 2 | ORTHODONTICS | GURKEER AT SINGH | 1S T |
| 50 | 304 3 | ORTHODONTICS | GURKEER AT SINGH | 2 N D |
| 51 | 397 5 | ORTHODONTICS : DIAG. & MAGT. OF MOLOCCCLUSION AND& DENTOFACIAL DEFORMATIES | KHARABA NDA | 1S T |
| 52 | 436 8 | TEXT BOOK OF ORTHODONTICS | S.GOWRI SANKAR | 1S T |
| 53 | 444 6 | ORTHODONTICS | BHALAJI | 4 T H |
| 54 | 459 5 | TB OF ORTHODONTICS, 5E | BHALAJI | 5 T H |
| 55 | 459 9 | TB OF ORTHODONTICS | GOWRI SANKAR | 1S T |
| 56 | 461 1 | ORTHODONTICS:DIAG& MAGT. OF MALOCCULATIONS AND DENTOFACIAL DEFORMATIES | KARBAND A | 2 N D |
| 57 | 461 3 | ORTHODONTICS:PREPARATION MANUAL OF UNDERGRADUATE STUDENTS | SRIDHAR PREM KUMAR | 2 N D |
| | | | | |
| <u>GENERAL BOOKS</u> | - | - | | |
| 58 | 119 3 | MCQ'S ON DENTISTRY | PANDA | 1S T |
| 59 | 120 | A I I M S P.G. ENTRANCE EXAMINATION | SOIN | 2 |

| | | | | |
|----|----------|--|----------------|---------|
| | 1 | | | N D |
| 60 | 122 5 | DRUG DICTIONARY FOR DENTISTRY | MEECHAN | 1S T |
| 61 | 124 1 | CLINICAL DENTISTRY | BANSAL | 1S T |
| 62 | 124 3 | CLINICAL DENTISTRY | BANSAL | 1S T |
| 63 | 125 4 | PARCELAIN LAMINATE VENEERS FOR DENTISTS&TECHNICIANS | SMALES | 1S T |
| 64 | 133 5 | INFECTION CONTROL IN DENTAL PRACTICE | ANIL | 1S T |
| 65 | 133 8 | INFECTION CONTROL IN DENTAL PRACTICE | ANIL | 1S T |
| | | | | |
| 66 | 315 4 | PRACTICAL DENTISTRY | BALWANT RAI | 1S T |
| | | <u>TOTAL BOOKS : 66 BOOKS</u> | | |

CENTRAL LIBRARY BOOK LIST

| SL .N O | AC C.N O | TITLE OF THE BOOK | AUTHOR | E D | Q T Y |
|---------------|----------------|--|------------------|-------------|-------------|
| 1 | 75 | ORTHOGNATHIC SURGERY | VARGHESE MANI | 1 S T | 1 |
| 2 | 83 | ORTHODONTICS(CURRENT PRINCIPLES AND TECHNIQUES) | GRABER | 1 S T | 1 |
| 3 | 224 | REMOVABLE ORTHODONTIC APPLIANCES | RANI.M.S. | 1 S T | 5 |

| | | | | | |
|----|----------|--|------------------|-------------|---|
| 4 | 231 | TEXT BOK OF ORTHODONTICS | RANI.M.S. | 3 R D | 5 |
| 5 | 298 | ORTHODONTICS(THE ART AND SCIENCE) | BHALAJHI | 2 N D | 2 |
| 6 | 319 | VIVA IN ORTHODONTICS | SOMASUNDA RAM | 1 S T | 1 |
| 7 | 444 | VIVA IN ORTHODONTICS | SOMASUNDA RAM | 1 S T | 3 |
| 8 | 448 | ORTHODONTICS FOR DENTAL STUDENTS | GARDINAR | 4 T H | 2 |
| 9 | 529 | REMOVABLE ORTHODONTIC APPLIANCES | RANI.M.S. | 1 S T | 2 |
| 10 | 137 0 | HAND BOOK OF ORTHODONTICS | SESHADRI | 1 S T | 2 |
| 11 | 184 4 | TEXT BOOK OF ORTHODONTICS | BISHARA | | 5 |
| 12 | 184 9 | ORTHODONTIC SURGERY: ESTHETIC SURGERY OF THE FACE | VARGHESE MANI | 1 S T | 5 |
| 13 | 185 4 | CONTEMPORARY ORTHODONTICS | PROFFIT | 3 R D | 1 |
| 14 | 185 5 | THE DESIGN,CONSTRUCTION AND USE OF REMOVABLE ORTHODONTICS APPL. | PHILIP ADAMS | 1 S T | 6 |
| 15 | 186 | ORTHODONTCS: THE ART AND SCIENCE | BHALAJHI | 3 | 8 |

| | | | | | |
|----|----------|--|-----------------------|-------------|---|
| | 1 | | | R D | |
| 16 | 186 9 | ORTHODONTICS FOR DENTAL STUDENTS | GARDINAR | 4 T H | 5 |
| 17 | 187 4 | ORTHODONTICS PRINCIPLES AND PRACTICE | GRABER | | 4 |
| 18 | 202 1 | TEXT BOOK OF ORTHODONTICS | GURKEERAT SINGH | | 1 |
| 19 | 209 3 | REMOVABLE ORTHODONTIC APPLIANCES | ISAACSON | 1 S T | 2 |
| 20 | 218 9 | WALTER AND HOUSTAIN ORTHODONTICS NOTES | MALCOLM L. JONES | 6 T H | 5 |
| 21 | 225 4 | TWIN BLOCK FUNCTIONAL THERAPY APPLICATIONS IN DENTOFACIAL ORTHOPAEDICS | WILLIAM J CLARK | 2 N D | 1 |
| 22 | 225 5 | TIP-EDGE ORTHODONTICS | RICHARD PARK HOUSE | 1 S T | 1 |
| 23 | 225 6 | ATLAS OF ADVANCED ORTHODONTICS:A GUIDE TO CLINICAL EFFICIENCY | ANTHONY D VIAZIS | | 1 |
| 24 | 225 7 | TEXT BOOK OF ORTHODONTICS | GURKEERAT SINGH | | 2 |
| 25 | 225 9 | ORTHODONTIC MANAGEMENT OF THE DENTITION WITH THE PREADJUSTED APPLIANCE | BENNETT | 1 S T | 1 |
| 26 | 226 1 | TEXT BOOK OF ORTHODONTICS | RANI.M.S. | | 1 |
| 27 | 226 2 | ORTHODONTICS PRINCIPLES AND PRACTICE | GRABER | | 2 |
| 28 | 226 | FACIAL AND DENTAL PLANING FOR | ARNETT | 1 | 1 |

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| | 4 | ORTHODONTISTS AND ORAL SURGEONS | | S T | |
| 29 | 233 2 | VIVA IN ORTHODONTICS | SOMASUNDA RAM | 1 S T | 1 |
| 30 | 234 2 | TEXT BOOK OF ORTHODONTICS | BISHARA | | 1 |
| 31 | 247 0 | TEXT BOOK OF ORTHODONTICS | GURKEERAT SINGH | | 3 |
| 32 | 254 6 | REMOVABLE ORTHODONTIC APPLIANCES | ISAACSON | 1 S T | 5 |
| 33 | 256 1 | ORTHODONTIC MANAGEMENT OF AGENESIS AND OTHER COMPLEXITIES | MICHAEL ARVYSTAS | 1 S T | 1 |
| 34 | 256 2 | ORTHODONTIC MATERIALS : SCIENTIFIC AND CLINICAL ASPECTS | BRANTLEY | 1 S T | 1 |
| 35 | 256 3 | FUNCTIONAL APPLIANCES IN ORTHODONTIC TREATMENT:AN ATS.OF CLINICAL PRES | HARRY S ORTAN | 1 S T | 1 |
| 36 | 257 5 | CONTEMPORARY TREATMENT OF DENTOFACIAL DEFORMITY | PROFFIT | 1 S T | 1 |
| 37 | 262 8 | TIP-EDGE ORTHODONTICS | RICHARD PARK HOUSE | 1 S T | 1 |
| 38 | 262 9 | BIOMECHANICS AND ESTHETIC STRATEGIES IN CLINICAL ORTHODONTICS | RAVINDRA NANDA | 1 S T | 1 |
| 39 | 263 0 | CONTEMPORARY TREATMENT OF DENTOFACIAL DEFORMITY | PROFFIT | 1 S T | 1 |

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|----|----------|--|--------------------|-------------|---|
| 40 | 270 3 | CONTEMPORARY ORTHODONTICS | PROFFIT | 3 R D | 1 |
| 41 | 270 4 | CONTEMPORARY ORTHODONTICS | PROFFIT | 3 R D | 1 |
| 42 | 270 5 | TWIN BLOCK FUNCTIONAL THERAPY APPLICATIONS IN DENTOFACIAL ORTHOPAEDICS | WILLIAM J CLARK | 2 N D | 1 |
| 43 | 270 6 | BIOMECHANICS AND ESTHETIC STRATEGIES IN CLINICAL ORTHODONTICS | RAVINDRA NANDA | 1 S T | 1 |
| 44 | 270 7 | ORTHODONTIC CEPHALOMETRY | ATHANASIO U | 1 S T | 1 |
| 45 | 270 8 | ORTHODONTICS(CURRENT PRINCIPLES AND TECHNIQUES) | GRABER VANARSDAL L | 4 T H | 1 |
| 46 | 271 2 | ORTHODONTICS(CURRENT PRINCIPLES AND TECHNIQUES) | GRABER | 1 S T | 1 |
| 47 | 272 5 | ATLAS OF ADVANCED ORTHODONTICS:A GUIDE TO CLINICAL EFFICIENCY | ANTHONY D VIAZIS | 1 S T | 1 |
| 48 | 272 6 | DENTO FACIAL DEFORMATIES INTEGRATED ORTHODONTIC AND SURGICAL CORRECTIO | EPKER | 2 N D | 1 |
| 49 | 272 7 | RETENTION AND STABILITY IN ORTHODONTICS | RAVINDRA NANDA | 1 S T | 1 |
| 50 | 278 0 | REMOVABLE ORTHODONTIC APPLIANCES | ISAACSON | 1 S T | 1 |

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|----|----------|--|--------------------------|-------------|---|
| 51 | 278 1 | FACIAL AND DENTAL PLANING FOR ORTHODONTISTS AND ORAL SURGEONS | ARNETT | 1 S T | 1 |
| 52 | 278 2 | ORTHODONTIC MANAGEMENT OF UNCROWDED CLASSII DIV.ONE MOLOCCLUSION IN CH | BENNETT | I S T | 1 |
| 53 | 283 4 | ORTHODONTIC MANAGEMENT OF UNCROWDED CLASSII DIV.ONE MOLOCCLUSION IN CH | BENNETT | 1 S T | 1 |
| 54 | 290 4 | CONTEMPORARY ORTHODONTICS | PROFFIT | 4 T H | 1 |
| 55 | 290 5 | ORTHODONTICS(CURRENT PRINCIPLES AND TECHNIQUES) | GRABER VANARSDAL L | 4 T H | 1 |
| 56 | 296 8 | ESSENTIALS OF ORTHODONTIC SURGERY | REYNEKE | 1 S T | 1 |
| 57 | 296 9 | THE DESIGN,CONSTRUCTION AND USE OF REMOVABLE ORTHODONTICS APPL. | PHILIP ADAMS | 1 S T | 2 |
| 58 | 297 1 | REMOVABLE ORTHODONTIC APPLIANCES | ISAACSON | 1 S T | 2 |
| 59 | 297 3 | CLINICAL PROBLEM SOLVING IN ORTHODONTICS AND PAEDIATRIC DENTISTRY | MILLET | 1 S T | 1 |
| 60 | 299 4 | INVISIBLE ORTHODONTICS | SCUZZO | 1 S T | 1 |
| 61 | 299 5 | WALTER AND HOUSTAIN ORTHODONTICS NOTES | MALCOLM L. JONES | 6 T H | 4 |

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|----|----------|--|--------------------------|-------------|---|
| 62 | 299 9 | GLOSSARY OF ORTHODONTICS TERMS | DASKALOGI ANNAKIS | 1 S T | 2 |
| 63 | 300 1 | ORTHODONTICS AND ORTHOGNATHIC SURGERY DAIGNOSIS AND PLANNING | GREGORET | 1 S T | 2 |
| 64 | 300 3 | SYSTEMIZED ORTHODONTIC TREATMENT MECHANICS | LAUGHLIN | 1 S T | 2 |
| 65 | 300 5 | BIOMECHANICS AND ESTHETIC STRATEGIES IN CLINICAL ORTHODONTICS | RAVINDRA NANDA | 1 S T | 2 |
| 66 | 300 7 | ORTHODONTICS(CURRENT PRINCIPLES AND TECHNIQUES) | GRABER VANARSDAL L | 4 T H | 2 |
| 67 | 304 0 | ORTHODONTIC MATERIALS : SCIENTIFIC AND CLINICAL ASPECTS | BRANTLEY | 1 S T | 1 |
| 68 | 304 3 | TEXT BOK OF ORTHODONTICS | GURKEERAT SINGH | 2 N D | 1 |
| 69 | 309 9 | TEXT BOK OF ORTHODONTICS | GURKEERAT SINGH | 2 N D | 2 |
| 70 | 310 1 | ORTHODONTICS(CURRENT PRINCIPLES AND TECHNIQUES) | GRABER VANARSDAL L | 4 T H | 1 |
| 71 | 310 2 | MCQS IN ORTHODONTICS | VIJAYA LAKSHMI | 1 S T | 1 |
| 72 | 310 3 | TEXT BOK OF ORTHODONTICS | FOSTER T.D | 3 R D | 1 |

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| 73 | 310 4 | PROBLEMS AND PROCEDURES IN DENTOFACIAL ORTHOPEDICS | VANDER LINDEN | 1 S T | 1 |
| 74 | 310 5 | REVIEWS IN ORTHODONTICS | ASHOK KUMAR JENA | 1 S T | 1 |
| 75 | 310 6 | GLOSSARY OF ORTHODONTICS TERMS | DASKALOGI ANNAKIS | 1 S T | 1 |
| 76 | 310 7 | SYNOPSIS OF ORTHODONTIC TREATMENT | PURVA KUMAR | 1 S T | 1 |
| 77 | 310 8 | TEXT BOK OF ORTHODONTICS | BISHARA | 1 S T | 1 |
| 78 | 310 9 | CONTEMPORARY ORTHODONTICS | PROFFIT | 4 T H | 1 |
| 79 | 326 2 | PROBLEM SOLVING IN ORTHODONTICS | BURSTONE/ MARCOTTE | 1 S T | 2 |
| 80 | 326 4 | ORTHODONTIC CONCEPTS AND STRATEGIES | VANDER LINDEN | 1 S T | 2 |
| 81 | 326 6 | RADIOGRAPHIC CEPHALOMETRY:FROM BASICS TO 3-D IMAGING | JACOBSON | 2 N D | 2 |
| 82 | 328 5 | MANAGEMENT TEMPROMANDIBULAR DISORDERS AND OCCLUSION | OKESEN | 6 T H | 1 |
| 83 | 328 6 | CONTEMPORARY TREATMENT OF DENTOFACIAL DEFORMITY | PROFFIT | 1 S T | 1 |

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|----|----------|--|--------------------------|-------------|---|
| 84 | 328 7 | NEW VISTAS IN ORTHODONTICS | JOHNSTON | 1 S T | 1 |
| 85 | 334 2 | PROBLEM SOLVING IN ORTHODONTICS:GOAL ORIENTED TREATMENT STRATAGIES | BURSTONE/ MARCOTTE | 1 S T | 1 |
| 86 | 334 6 | BIOENGINEERING ANALYSIS OF ORTHODONTICS MECHANICS | ROBERT J.NIKOLAI | 1 S T | 1 |
| 87 | 341 2 | FUNCTIONAL OCCLOSION FROM TMJ TO SMIL DESIGN | DAWSON | 1 S T | 1 |
| 88 | 341 3 | ORTHODONTICS PREP MANUAL FOR UNDERGRADUATES | SRIDHAR PREMKUMA R | 1 S T | 2 |
| 89 | 341 5 | CONTEMPORARY ORTHODONTICS | PROFFIT | 4 T H | 1 |
| 90 | 341 6 | ORTHODONTIC MANAGEMENT OF UNCROWDED CLASSII DIV.ONE MOLOCCLUSION IN CH | BENNETT | 1 S T | 1 |
| 91 | 341 7 | TIP-EDGE ORTHODONTICS | RICHARD PARK HOUSE | 1 S T | 1 |
| 92 | 341 8 | FACIAL AND DENTAL PLANING FOR ORTHODONTISTS AND ORAL SURGEONS | ARNETT | 1 S T | 1 |
| 93 | 343 4 | MASTER DENTISTRY:RESTORATIVE DENTISTRY PAEDIATIC DENTISTRY ORTHODONTIC | HEASMAN | 1 S T | 1 |
| 94 | 343 5 | CLINICAL PROBLEM SOLVING IN ORTHODONTICS AND PAEDIATRIC DENTISTRY | MILLET | 1 S T | 3 |

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| 95 | 344 3 | CONTEMPORARY ORTHODONTICS | PROFFIT | 4 T H | 1 |
| 96 | 344 4 | ORTHODONTICS PREP MANUAL FOR UNDERGRADUATES | SRIDHAR PREMKUMA R | 1 S T | 1 |
| 97 | 344 5 | ORTHODONTIC MANAGEMENT OF UNCROWDED CLASSII DIV.ONE MOLOCCLUSION IN CH | BENNETT | 1 S T | 1 |
| 98 | 344 6 | FACIAL AND DENTAL PLANING FOR ORTHODONTISTS AND ORAL SURGEONS | ARNETT | 1 S T | 1 |
| 99 | 347 0 | TEXT BOOK OF ORTHODONTICS | BISHARA | 1 S T | 1 |
| 10 0 | 353 2 | TIP-EDZE ORTHODONTICS | RICHARD PARKHOUSE | 1 S T | 1 |
| 10 1 | 353 3 | CONTEMPORARY ORTHODONTICS | PROFFIT | 4 T H | 1 |
| 10 2 | 353 4 | FUNCTIONAL OCCLOSION FROM TMJ TO SMIL DESIGN | DAWSON | 1 S T | 2 |
| 10 3 | 353 6 | ORTHODONTIC MANAGEMENT OF UNCROWED CLASS II DIVISION ONE MALOCCLUSION | BENNETT | 1 S T | 1 |
| 10 4 | 353 7 | ORTHODONTICS PREP MANUAL FOR UNDERGRADUATES | SRIDHAR PREMKUMA R | 1 S T | 1 |
| 10 5 | 363 9 | CURRENT CONTROVERSIES IN TEMPOROMANDIBULAR DISORDER | CHARLES MC NEILL | 1 S T | 2 |

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| 10 6 | 364 1 | MANUAL OF TEMPOROMANDIBULAR DISORDERS | WRIGHT | 1 S T | 2 |
| 10 7 | 367 7 | BIOMECHANICS IN ORTHODONTICS | MARCOTTE | 1 S T | 2 |
| 10 8 | 367 9 | CONTEMPORARY TREATMENT OF DENTOFACIAL DEFORMITY | IREFFIT | 1 S T | 1 |
| 10 9 | 369 8 | THE ORTHODONTIC TREATMENT OF IMPACTED TEETH | ADRIAN BECKCR | 2 N D | 1 |
| 11 0 | 369 9 | PROBLEMSOLVING IN ORTHODONTICS GOAL ORIENTED TREATMENT STRATEGIES | BURSTONE | 1 S T | 2 |
| 11 1 | 370 1 | RADIOGRAPHIC CEPHALOMETRY | ALEXANDER JACOBSON | 2 N D | 1 |
| 11 2 | 370 2 | ORTHODONTIC MANAGEMENT OF THE DENTITION WITH THE PREADJUSTED APPLIANCE | BENNETT | 1 S T | 1 |
| 11 3 | 370 3 | BIOENGINEERING ANALYSIS OF ORTHODONTICS MECHANICS | VANDER LINDEN | 1 S T | 1 |
| 11 4 | 370 4 | ORTHODONTICS WITH FIXED APPLIANCES | GRABER VANARSDAL L | 1 S T | 1 |
| 11 5 | 371 6 | GLOSSARY OF ORTHODONTICS TERMS | DASKALOGI ANNAKIS | 1 S T | 1 |
| 11 6 | 371 9 | MOSBY ORTHODONTIC REVIEW | JERLY D. ENGLISH | 1 S T | 1 |

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| 11 7 | 373 5 | CRANIOFACIAL DISTRACTION OSTEOGENESIS | SAMCHUKO V | 1 S T | 1 |
| 11 8 | 373 6 | TIP-EDGE ORTHODONTICS | RICHARD PARKHOUSE | 1 S T | 1 |
| 11 9 | 373 7 | ORTHODONTIC PEARLS: A SELECTION OF PRACTICAL TIPS AND CLINICAL EXPERTI | ELIAKIM- MIZRAHI | 1 S T | 1 |
| 12 0 | 373 8 | THE ORTHODONTIC TREATMENT OF IMPACTED TEETH | BEEKER | 2 N D | 1 |
| 12 1 | 378 9 | FUNDAMENTALS OF CRANIOFACIAL GROWTH | ANDREW D. DIXON | 1 S T | 1 |
| 12 2 | 379 0 | CURRENT CONTROVERSIES IN TEMPOROMANDIBULAR DISORDERS | CHARLES MC NEILL | 1 S T | 2 |
| 12 3 | 379 2 | THE ORTHODONTIC TREATMENTS OF IMPACTED TEETH | ADRIAN BECKER | 2 N D | 1 |
| 12 4 | 379 3 | MANUAL OF TEMPOROMANDIBULAR DISORDERS | EDWARD F WRIGHT | 1 S T | 2 |
| 12 5 | 382 3 | TEMPORARY ANCHORAGE DEVICES IN ORTHODONTICS | RAVINDRA NANDA | 1 S T | 1 |
| 12 6 | 382 4 | BIOMECHNICS AND ESTHETIC STRATEGIES IN CLINICAL ORTHODONTICS | RAVINDRA NANDA | 1 S T | 1 |
| 12 7 | 382 5 | CLEFT AND PALATE: LESIONS, PATHOPHYSIOLOGY AND PRIMARY TREATMENT | RENE MALEK | 1 S T | 1 |

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| 12 8 | 383 7 | TEXT BOOK OF ORTHODONTICS | GURKEERAT SINGH | 2 N D | 2 |
| 12 9 | 383 9 | ORHTODONTIC REMOVABLE APPLIONS | SANDHYA SHYAM LOHAKARE | 1 S T | 2 |
| 13 0 | 384 1 | THE INVISALIGN SYSTEM | ORHAN C.TUNEAY | 1 S T | 1 |
| 13 1 | 384 2 | THE 20 PRINCIPLES OF ALEXANDER DISCIPLAINE | R.G. WICK.ALEXO NDER | 1 S T | 1 |
| 13 2 | 384 3 | MANAGEMENT OF TEMPOROMANDIBULAR DISORDERS AND OCCLUSION | IEFFREY P.OKESON | 6 T H | 1 |
| 13 3 | 384 4 | ESSENTIALS OF ORTHOGNATHIC SURGERY | REYNEKE | 1 S T | 1 |
| 13 4 | 384 5 | CONTEMPORARY TREATMENT OF DENTOFACIAL DEFORMITY | PROFIT WHITE SARVER | 1 S T | 1 |
| 13 5 | 384 6 | MINI-IMPLANTS IN ORTHODONTICS | LUDWIG BEUM GAERTEL | 1 S T | 1 |
| 13 6 | 384 7 | CLINICAL SECUSESS IN EARLY ORTHODONTIC TREATMENT | ANTONIO PATTI | 1 S T | 1 |
| 13 7 | 384 8 | ORTHODONTIC - SURGICAL TREATMENT OF DENTOFACIAL ANOMALIES | RONCHI | 1 S T | 1 |
| 13 8 | 384 9 | CLINICAL PROBLEM SOLVING IN ORTHODONTICS AND PAEDIATRI DENTIST | MILLETT WELBURY | 1 S T | 1 |

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| 139 | 3881 | ORTHODONTICS WITH FIXED APPLIANCES | VANDER LINDEN | 1 S T | 1 |
| 140 | 3922 | THE INVISALIGN SYSTEM | TUNCAY | 1 S T | 1 |
| 141 | 3923 | THE 20 PRINCIPLES OF THE ALEXADER DISCIPLINE | ALEXANDER | 1 S T | 1 |
| 142 | 3924 | MINI IMPLANTS IN ORTHODONTICS INNOVATIVE ANCHORAGE CONCEPTS | LUDWIG | 1 S T | 1 |
| 143 | 3925 | CLINICAL SUCCESS IN EARLY ORTHODONTIC TREATMENT | ANTONIO PATTI | 1 S T | 1 |
| 144 | 3926 | ESSENTIALS OF ORTHODONTIC SURGERY | REYNEKE | 1 S T | 1 |
| 145 | 3927 | ORTHODONTIC-SURGICAL TRETMENT OF DENTOFACIAL ANOMALIES | RANCHI | 1 S T | 1 |
| 146 | 3928 | THE HERBST APPLIANCE: RESEARCH - BASED CLINICAL MANAGEMENT | PANCHERZ | 1 S T | 2 |
| 147 | 3930 | CLINICAL PROBLEMS SOLVING IN ORTHODONTIC AND PAEDIATRIC DENTISTRY | MILLETT | 1 S T | 1 |
| 148 | 3931 | MASTERING DIGITAL DENTAL PHOTOGRAPHY | WOLFGANG BENGAL | 1 S T | 2 |
| 149 | 3951 | DENTOFACIAL DEFORMATIES VOL 1 | EPKER | 2 N D | 1 |

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| 15 0 | 395 2 | DENTOFACIAL DEFORMATIES VOL 2 | EPKER | 2 N D | 1 |
| 15 1 | 395 3 | DENTOFACIAL DEFORMATIES VOL 3 | EPKER | 2 N D | 1 |
| 15 2 | 395 4 | DENTOFACIAL DEFORMATIES VOL 4 | EPKER | 2 N D | 1 |
| 15 3 | 396 8 | A TEXT BOOK OF ORTHODONTICS | FOSTER | 3 R D | 1 |
| 15 4 | 396 9 | ORTHODONTICS: CURRENT PRINCIPLE & TECHNIQUES | GRABER | 4 T H | 3 |
| 15 5 | 397 2 | THE INVSALIGN SYSTEM | TUNCAY | 1 S T | 1 |
| 15 6 | 397 3 | THE HERBST APPLIANCES | PANCHERG | 1 S T | 1 |
| 15 7 | 397 4 | ORTHODONTICS:DIAG& MAGT. OF MALOCCULATIONS AND DENTOFACIAL DEFORMATIES | KARBANDA | 1 S T | 5 |
| 15 8 | 402 4 | TMDS AN EVIDENCE BASED APPROACH TO DIAGNOSIS & TREATMENT | LASKIN | 1 S T | 1 |
| 15 9 | 429 0 | THE ORTHODONTIC PATIENTE : TREATMENT AND BIOMECHANICS | IRELAND | 1 S T | 1 |
| 16 0 | 429 1 | 1,001 TIPS FOR ORTHODONTICS AND ITS SECRETS | RODRIGUEZ | 1 S T | 1 |

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| 16 1 | 429 2 | CLEFT LIP AND PALATE : LESIONS PATHOPHYSIOLOGY AND PRIMARY TREATMENT | MALCK | 1 S T | 1 |
| 16 2 | 429 3 | CRANIOFACIAL EMBRYOGENETICS AND DEVELOPMENT | SPERBER | 2 N D | 1 |
| 16 3 | 429 4 | SELF - LIGATION IN ORTHODONTICS | ELIADES | 1 S T | 1 |
| 16 4 | 426 1 | MANUAL OF TENPOROMANDIBULAR DISORDRS | WRIGHT | 2 N D | 1 |
| 16 5 | 426 2 | BIOLOGICAL MECHANISMS OF TOOTH MOVEMENT | VINOD KRISHNA | 1 S T | 1 |
| 16 6 | 426 3 | ORTHODONTIC TREATMENT OF THE CLASS11 NON COMPLIANT PATIENT CURRENT PRIN & TECHNIQUES | PAPADOPOU LOS | 1 S T | 1 |
| 16 7 | 436 0 | ORTODONTICS : CURRNT PRINCIPLES AND TREHNIQUES | GRABER | 4 T H | 1 |
| 16 8 | 436 1 | ORTHODONTICS : THE ART AND SCIENCE | BHALAJHI | 4 T H | 3 |
| 16 9 | 436 4 | TEXT BOOK OF ORTHODONTICS | GOWRI SANKER | 1 T H | 5 |
| 17 0 | 444 6 | ORTHODONTICS: THE ART AND SCIENCE | BHALAJHI | 4 T H | 1 |
| 17 1 | 444 7 | ORTHODONTICS: CURRENT PRINCIPLES OF TECHNIQUES | GRABER | 4 T H | 2 |

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| 17 2 | 449 2 | ORTHODONTICS : THE ART AND SCIENCE | BHALAJHI | 4 T H | 1 |
| 17 3 | 459 1 | TB OF ORTHODONTICS, 5E | BHALAJI | 5 E D | 5 |
| 17 4 | 459 6 | TB OF ORTHODONTICS | GOWRI SANKAR | 1 S T | 5 |
| 17 5 | 460 1 | ORTHODONTIC CURRENT PRINCIPLES & TECHNIQUES (INDIAN) | GRABER | 5 T H | 5 |
| 17 6 | 460 6 | CONTEMPORARY ORTHODONTICS , 4E | PROFFIT | 4 T H | 4 |
| 17 7 | 461 0 | ORTHODONTICS:DIAG& MAGT. OF MALOCCULATIONS AND DENTOFACIAL DEFORMATIES | KARBANDA | | 3 |
| 17 8 | 461 3 | ORTHODONTICS:PREPARATION MANUAL OF UNDERGRADUATE STUDENTS | SRIDHAR PREM KUMAR | | 4 |
| 17 9 | 466 8 | TEXT BOOK OF CRANIOFACIAL GROWTH | SRIDHAR PREM KUMAR | 1 S T | 2 |
| | | TOTAL NO OF BOOKS | | | 2 9 5 |

JOURNALS AVAILABLE IN CENTRAL LIBRARY

FOREIGN JOURNALS:

01.AMERICAN JOURNAL OF ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Narayana Dental College & Hospital, Nellore

02. JOURNAL OF CLINICAL ORTHODONTICS
03. JOURNAL OF ORTHODONTICS
04. EURO. JOURNAL OF ORTHODONTICS
05. SEMINARS IN ORTHODONTICS
06. THE AUSTRALIAN ORTHODONTIC JOURNAL

INDIAN JOURNALS:

01. THE JOURNAL OF INDIAN ORTHODONTICS SOCIETY (JIOS)
02. JOURNAL OF DENTAL RESEARCH

GENERAL JOURNALS:

01. DENTAL CLINICS OF NORTH AMERICA
02. DENTAL ABSTRACT
03. QUINTESSENCE INTERNATIONAL
04. JOURNAL OF DENTAL RESEARCH
05. DENTAL UPDATE
06. JOURNAL OF AMERICAN DENTAL ASSOCIATION

BACK VOLUMES

01. ANGLE OF ORTHODONTIST - YEAR:Vol :72-75 (2002 -2005)
02. JOURNAL OF ORTHODONTICS-YEAR:Vol: 1-30(1974-2003) 2006+2013+C.. (38 YRS)
03. AMERICAN JOURNAL OF ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS - YEAR:1997 -2005, 2006+2013+C..(15 YRS)
04. JOURNAL OF CLINICAL ORTHODONTICS-YEAR:1997 -2005, 2006+2013+C..(15 YRS)
05. ORTHODONTICS & CRANIOFACIAL RESEARCH-YEAR:2000-2005
06. EURO JOURNAL OF ORTHODONTICS-YEAR:1996-2005,2006+2013+C.. (16YRS)
07. SEMINARS IN ORTHODONTICS-YEAR: 1995-2004, 2006+2013+C...(17 YRS)

BACK VOLUMES IN CD'S

01. AMERICAN JOURNAL OF ORTHODONTIC & DENTOFACIAL ORTHOPAEDICS 1915-2012
02. THE ANGLE ORTHODONTICS 1987-2003
03. BRITISH JOURNAL OF ORTHODONTICS 1997-2012
04. EURO JOURNAL OF ORTHODONTICS 1979-2012

Narayana Dental College & Hospital, Nellore

05. JOURNAL OF CLINICAL ORTHODONTICS 1967-1997
06. ORTHODONTIC WAVES 2006
07. ORTHODONTICS & CRANIOFACIAL RESEARCH 2000-12
08. PROGRESS IN ORTHODONTICS 2001-2002
09. SEMINARS IN ORTHODONTICS 1995-2012
10. WORLD JOURNAL OF ORTHODONTICS 2000-12

b) Internet facilities for staff and students

Available

c) Total number of class rooms

Five

- d) Class rooms with ICT facility and 'smart' class rooms
- e) Students' laboratories
- f) Research laboratories

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

b) from other institutions/universities

NONE

40. Number of post graduate students getting financial assistance from the university.

None

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

None

42. Does the department obtain feedback form? Yes

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Faculty gives feedback on curriculum and teaching learning evaluation through structured feedback designed by the institution. In addition faculty provides feedback on library, infrastructure and organizational climate. Feedback is collected on all courses and programs. Through these feedbacks necessary information about the curriculum, teaching learning and evaluation is availed and necessary corrective actions initiated. From the analysis of feedback

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problem based learning, enrichment courses are initiated in all the departments. CPA cards are initiated. Library and online resources are used for teaching. Self directive learning measures are initiated.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Feedbacks are designed to be collected from students. Students submit feedback on performance of teacher. They also give feedback on courses, program and teaching learning evaluation. From these feedbacks library infrastructure upgraded, students project initiated, student research seed money initiated including evaluation reforms.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

The alumni give feedback on the programs, competence is gained and academic enrichment and continue dental education needed for improve. They give suggestion for institution improvement.

43. List the distinguished alumni of the department (maximum 10)

1. Dr Senny Thomas Kannampallil -NTR University Gold medallist and Specialist Orthodontist at Muscat.
2. Dr ZahidHusaain - Specialist Orthodontist at Kuwait.
3. Dr Praveen Kumar Reddy - Faculty (Reader) Narayana Dental College ,Nellore
4. Dr -Supraja -NTR-University Gold Medallist -Asst professor-GDCH,Kadapa ,RIMS
5. Dr Jeevan NK - Faculty (Reader Narayana Dental College ,Nellore
6. Dr VivekMahajan - - Faculty (Reader, Himachal Dental College, Sundernagar.
7. Dr VijayaBhaskarreddy Senior lecturer, St.Josephs dental college
8. Dr Swapna - Faculty Narayana dental college
9. Dr Shamil Mohammed - Faculty -Kerala
10. DrReddappa Reddy - Faculty- Pullareddy dental college, Kurnool.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

NTRUHS- ZONAL CDE PROGRAMS-
HANDS ON WORKSHOPS

45. List the teaching methods adopted by the faculty for different programs including

clinical teaching.

Audio Visual aids

Black Board

Model Demonstrations

Group Discussions

Opinions

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

Log books

Chair side discussions

School Camps

Conducting viva- voce

Regular assessment of seminars & journal clubs

Monthly self-assessment forms

Sudden screening of post graduates once in 2 months

University examinations

Feedback from past students

47. Highlight the participation of students and faculty in extension activities.

Social service activities—like- Camps, Blood donation camps, 2k ,5k walks,

Services to orphanage's

Various Sports activities

48. Give details of “beyond syllabus scholarly activities” of the department.

Guest lectures on Psychology classes from Paedodontics

Guest lectures on perio-ortho interrelationships from Periodontics

Guest lectures on Ortho -prostho interdisciplinary – Prosthodontics

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

NONE

50. Briefly highlight the contributions of the department in generating new knowledge,

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basic or applied.

Interactive skill development hour

Through various National level conferences, Conventions, Workshops

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Major Strengths

1. A team of dedicated teaching faculty
2. An environment with advanced learning facilities
3. State of the art Research facilities with good research output
4. Excellent coordination among various departments & inter institutes which is an added advantage.
5. Students get an ample opportunity to develop their hands on clinical skills because of adequate study & clinical material available.
6. One of the best medical college campuses in this part of the country comprising Medical Dental Pharmacy Physiotherapy Nursing Yoga & natural sciences colleges with proficient reputation & trust among the people.

Weaknesses

The department periodical evaluates its performance & anticipates the problematic areas well in advance and finds effective solutions in case they arise. Presently there are no areas of weakness.

Opportunities

- The institute is located in suburban area which by location gets an opportunity to provide medical service to the rural & suburban population.
- A large contingent of student population residing within the campus various student related studies are possible.
- The department has a tremendous opportunity to excel in research due to good infrastructure, ICT and financial support.
- Can identify areas of research in the rural scenario.

Challenges

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- A surge in establishment of various corporate hospitals and overlapping fields of interest among super specialty branches in medical fraternity will be a realistic challenge to comprehend in near future.
- The growing number of dental colleges in the state has led to a steady decline in the percentage of students opting for dentistry.
- An urgent need to bring in more productive research projects which should be meaningful & beneficial in long term.
- A rational approach to uplift the students who are from Telugu medium who find it difficult to understand the medium of teaching being in English.
- A pragmatic move towards increasing the available clinical material in keeping view the futuristic demands of increase in postgraduate seats.

52. Future plans of the department

| Year | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
|--------------------------------|--|--|--|---|--|
| Proposed courses | To start Lingual Orthodontics course to PG | Phd program | Fellowship in Orthodontics | Enhance in PG seats | A short course in Accelerated Osteogenic Orthodontics |
| Teaching learning & Evaluation | a.Training students for viva-voce, b.To conduct workshops c.Special coaching for slow learners | a.Faculty development b.Evidence based learning | Hosting Orthodontic state conference | Intensify integrated teaching programme for PG's | Hands on course for PG's on Implants & Lingual Orthodontics |
| Administration | To take initiative to established Lingual orthodontics Lab | To create Micoimplant clinic | To create resource person to train UG & PG's for medical | To create facilities in collaboration with medical college to comprehensively treat | To establish Special Orthognathic surgery clinic for training PG's |

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| | | | | | |
|----------------------------------|---|---|--|---|---|
| | | | emrgencie s | Orthodontic patients | |
| Research/ Extention | To get ICMR projects | To present research paper at internation al conference | To publish randomize d control studies | To work on Self-esteem , Burnout in orthodontics, | To present papers at allied orthodonticconfer ences |
| Infrastructu re & Services | To make laser equipment available to start laser clinic | To procure TMJ arthroscope | To establish dedicated microimpl ant clinic. | To procure surgical microscope for microvascula r surgeries | To establish head & neck oncocenter in collaboration with medical college |
| Innovation | To conduct camps in rural areas to create awareness about cleft lip & palate | To conduct oral cancer screening programs & identify the patients who require surgeries | To start clinical skill simulation lab to train PG's students Dry lab – bone Wet lab – cadaver | To create awareness to medical faculty about maxillofacial field | To start MFDS course |
| Collaborati ons / Linkages | Collaboration with AP OSG chapter | Collaborat ion with MNJ cancer hospital | Linkage with DrGhosla Cleft center hyderabad | Collaboration with Red cross cancer Institute | Collaboration with Dwijan institute of microvascular surgery chennai |



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Evaluative Report of the Department

1. Name of the Department : Department of Periodontics

2. Year of establishment : UG – 2001, PG 2006

3. Is the Department part of a college/Faculty of the university?

Department is part of Narayana Dental College approved by NTR University of Health Sciences

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

UG – BDS: Bachelor of Dental Surgery

PG – MDS: Master of Dental Surgery

5. Interdisciplinary programs and departments involved

Interdisciplinary seminars & case discussions are done among Departments of Oral medicine & radiology, Prosthodontic, Endodontics, Orthodontics and Public Health Dentistry.

Regular Comprehensive Periodontic programs associated with Prosthodontic, Endodontics, Orthodontics are organized.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programs discontinued, if any, with reasons - Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Annual exams conducted by NTRUHS. The department conducts Periodic Performance evaluation exams for undergraduate & postgraduate students.

9. Participation of the department in the courses offered by other departments

The department of periodontics participates in comprehensive courses related to Periodontology and others conducted by all departments in dental and medical college.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|----------------------------|-------------|-------------|------------------------------|
| Professor | Two | Two | |
| Associate Professor/Reader | Five | Five | |
| Lecturer | Five | Five | |

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| | Sanctioned | Filled | Actual (including CAS & MPS) |
|-----------------------------|------------|------------|------------------------------|
| Professor | Two | Two | |
| Tutor / Clinical Instructor | Nil | Nil | |
| Senior Resident | Nil | Nil | |

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

| Name | Qualification | Designation | Specialization | No. of Years of Experience |
|--------------------------|---------------|------------------|----------------|----------------------------|
| Vijaykumar Chava | MDS | Professor & Head | Periodontics | 18 years |
| Ramesh Reddy | MDS | Professor | Periodontics | 14 years |
| Sreenivas Nagarkanti | MDS | Reader | Periodontics | 8 years |
| T.Asha Latha | MDS | Reader | Periodontics | 7 years |
| Dr.C.Mahendra Raju | MDS | Reader | Periodontics | 10 years |
| Dr.Gubernath. U | MDS | Reader | Periodontics | 7 years |
| Sumant Gunupati | MDS | Senior lecturer | Periodontics | 4 years |
| Swetha Tanneru | MDS | Senior lecturer | Periodontics | 3 years |
| Dr.Deepthi.P | MDS | Senior lecturer | Periodontics | 4 years |
| Dr.Madhulatha M | MDS | Senior lecturer | Periodontics | 1 year |
| Dr.Aneesa Tafheem.SK. | MDS | Senior lecturer | Periodontics | 1 year |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil

13. Percentage of classes taken by temporary faculty – program-wise information: Nil

14. Program-wise Student Teacher Ratio: UG - 10:1, PG – 1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Clerk--- **One**

Sister --- **One**

Attender's-- **Three**

Sweeper ----**Two**

16. Research thrust areas as recognized by major funding agencies

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

2014-2015

1. Antimicrobial photodynamic therapy as an adjunct to non-surgical treatment of chronic periodontitis: a split mouth randomised controlled trial
2. Estimation of salivary lactoferrin in chronic periodontitis associated with type -2 diabetes mellitus: a clinico-biochemical study
3. Effect of phase-i therapy on serum resistin levels in acute myocardial infarction patients associated with chronic periodontitis
4. Evaluation between coronally advanced flap and periosteum eversion technique for miller's class-ii gingival recession – a comparative clinical study
5. Evaluation of gingival recession defects treated with modified coronally repositioned flap with and without platelet rich fibrin – a comparative clinical study
6. The association of stress, salivary cortisol and chronic periodontitis: A clinico biochemical study
7. Comparative evaluation of gingival depigmentation using cryogen tetrafluoroethane and diode laser technique: A clinical study.
8. Comparison of local application of ozonated olive oil & CHX gel as an adjunct to SRP in the management of chronic periodontitis: A clinic-microbiological study
9. Evaluation of pomegranate seed extract mouthwash for daily rinsing in chronic periodontitis patients as an adjunctive phase-I therapy
10. Evaluation of salivary pentraxin-3 in chronic periodontitis associated with type 2 diabetes mellitus: A clinic-biochemical study.
11. Evaluation of periodontal conditions in vegetarians versus Non-vegetarians
12. Awareness of relationship between periodontitis and Diabetics conditions among general medical practitioners, Diabetologist and Endocrinologist
13. Comparative evaluation of partial versus full mouth examination in hemodialysis patients

2013-2014

1. Evaluation of boric acid mouthwash for daily rinsing in chronic periodontitis patients as an adjunctive phase-I therapy
2. Evaluation of the efficacy of local application of licorice gel as an adjunct to scaling and root planing in the management of chronic periodontitis
3. Effect of sub-antimicrobial dose of doxycycline on salivary MDA levels in chronic periodontitis
4. Evaluation of salivary L-plastin levels in chronic periodontitis patients associated with type-II DM
5. Evaluation of the efficacy of local application of trehalose gel as an adjunct to scaling and root planing in the management of chronic periodontitis

18. Inter-institutional collaborative projects and associated grants received

- a) **National collaboration** b) **International collaboration** - Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

20. Research facility / centre with

Advanced Research Center - (within the campus)

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Animal House

Real time PCR

Advanced Biochemical & Microbiological facility

Stem cell unit

22. Publications:

Number of papers published in peer reviewed journals (national / international)

National – 28(Twenty eight) International- 16 (Sixteen)

Dr.Vijay Kumar Chava

List of Peer reviewed Publications

1. Nuvvula SL, **Chava VK**. Primary culprit for tooth loss!! Accepted for publication in Journal of Indian society of Periodontology 2015; doi: 10.4103/0972-124X.170852
2. Buggapati L, **Chava VK**. "Effect of Combination of EDTA+Tetracycline with Coronally Positioned Flap in the Treatment of Gingival Recession - A Clinical Study" Accepted for publication in Journal of Indian society of Periodontology 2015.
3. S Nagarakanti, Jayaprakash, **VK Chava**, BVR Reddy, S Gunupati. Re: Treatment of localized gingival recessions using gingival unit grafts: a randomized controlled clinical trial. Kuru B and Yıldırım S (Accepted for publication in J Periodontol 2015; (JOP-15-0452).
4. S Nagarakanti, S Gunupati, **VK Chava**, BVR Reddy. [Effectiveness of Subgingival Irrigation as an Adjunct to Scaling and Root Planing in the Treatment of Chronic Periodontitis: A Systematic Review](#). Journal of Clinical and Diagnostic Research. 2015 Jul, Vol-9(7): ZE06-ZE09
5. **Chava VK**. Comment on "Periodontitis and risk of diabetes mellitus"
J Diabetes. 2014 Mar 11. doi: 10.1111/1753-0407.12144.
6. Reddy BV, Tanneeru S, **Chava VK**. The effect of phase-I periodontal therapy on pregnancy outcome in chronic periodontitis patients. **J Obstet Gynaecol. 2014 Jan;34(1):29-32.**
7. Ramesh Reddy BV, **Chava VK**, Nagarakanti S, Gunupati S, Samudrala P Hygiene hypothesis and periodontitis - A possible association. **Med Hypotheses. 2013 Nov 13. pii: S0306-9877(13)00522-7. doi: 10.1016/j.mehy.2013.11.006. [Epub ahead of print]**
8. Katti SS, **Chava VK**. Effect of Ozonised water on Chronic Periodontitis - A Clinical Study. **J Int Oral Health 2013;5(5):79-84.**
9. **Chava VK** & Samudrala Pramod Re: Periodontal condition of patients with autoimmune diseases and the effect of anti-tumor necrosis factor- α therapy. Accepted for publication **J Periodontol 2013; June 15. [Epub ahead of print].**
9. Gadagi JS, **Chava VK**, Reddy VR Green tea extract as a local drug therapy on periodontitis patients with diabetes mellitus: A randomized case- control study. **J Ind Soc Periodontol. 2013;17:198 -203.**

10. **VK Chava** & V Bhargavi devi. Thermo reversible green tea catechin gel for local application in chronic periodontitis- a 4 week clinical trial. **J Periodontol 2012; Nov 3.** [Epub ahead of print].
11. Satheesh M & **VK Chava**. Effect of Stress on periodontitis- clinic-biochemical study. **J Ind Soc Periodontol.2012;16(3):265-269.**
12. **VK Chava** & Sirisha K. Melatonin- A Novel indolamine in periodontal health & disease. **Int J Dent.2012;1-9**
13. Gundala R, **VK Chava** & Ramalingam Association of leptin in periodontitis and acute myocardial infarction. **J Periodontol 2012 May 25.** [Epub ahead of print] .
14. Satheesh M & **VK Chava** Effect of Stress on periodontitis- clinic-biochemical study. **J Ind Soc Periodontol.2012;16(3):263-267.**
15. **VK Chava** & Sirisha K Melatonin- A Novel Indolamine in oral health and disease. **Int. J Dent. 2012;1-9**
16. Jayaprakash SG & **VK Chava** Diagnosis and non-surgical periodontal management in congenital afibrinogenemia: report of a rare case. **J Investig Clin Dent. 2012, 3, 1-4.**
17. Satheesh M & **VK Chava** Management of an unusual peripheral giant cell granuloma: A diagnostic dilemma. **Contemp Clin Dent. 2012 Jan;3(1):93-6.**
18. Vinayak SG, V **Chava** & Ajeya EGK An evaluation of resorbable (semirigid) GTR membrane in human periodontal intraosseous defects: A clinicradiological reentry study. **J Indian Soc Periodontol. 2011;15(4):293-297.**
19. Sumant G, **VK Chava** & Phanikrishna The Effect of Phase- I Periodontal Therapy on Anti-Cardioliipin Antibodies in Acute Myocardial Infarction Patients Associated With Chronic Periodontitis. **J Periodontol 2011;82:1657-1664.**
20. Babu V, Sirisha K & **VK Chava** Green Tea Extract for Periodontal Health-A Review. **J Indian Soc Periodontol. 2011 ;15(1):18-22.**
21. Satheesh M & **VK Chava** The Relationship between Maternal Periodontitis and Preterm Low Birth Weight. A Case -Control Study. **Contemp Clin Dent. 2011 Apr;2(2):88-93**
22. Gundala R & **VK Chava** Effect of lifestyle, education and socio-economic status on periodontal health. **Contemp clin dent. 2010 Jan –march; vol1:no1**
23. Sudhindra K & **VK Chava** Healing of periodontal flaps when closed with silk sutures and N-butyl cyanoacrylate: a clinical and histological study. **Indian J Dent Res. 2007 Apr-Jun; 18(2):72-77.**

- 24.Sudhindra K, Vidya D &V Chava Comparison of cyanoacrylate and silk sutures on healing of oral wounds--an animal model study. **Indian J Dent Res. 2003 Oct-Dec;14(4):254-8.**
- 25.Pereira R &VK Chava Effects of a potassium nitrate mouthwash on dentinal tubules--a SEM analysis using the dentine disc model. **J Int Acad Periodontol. 2002 Apr;4(2):44-8.**
- 26.Pereira R &VK Chava Efficacy of a 3%potassium nitrate desensitizing mouth wash in the treatment of dentinal hypersensitivity **J. Periodontol; 2001.Dec;72 (12),1720-5.**
- 27.Pereira R , Soumya SJ &V Chava Gum astringents-Myth or Reality. **Journal of the Pierre Fauchard Academy.Vol. 15: 13-17, 2001.**
- 28.VK Chava** Evaluation of the efficacy of a curved bristle and conventional Toothbrush. A comparative clinical study. **J. Periodontol. 2000. Vol. 71(5): 785 – 89.**
- 29.Pereira R &V Chava Management of a tooth with poor prognosis – Case Report. **Journal of the Pierre Fauchard Academy. Vol. 14: 87-89, 2000.**
- 30.Pratibha VG, Gururajarao, **VK Chava** Risk factors and their assessment in periodontal disease. **J Indian Soc Periodontol. 2000; 3(3):99-102.**
- 31.Sanjay K, Gururaja rao &**VK Chava** Relationship of beta glucuronidase activity in crevicular fluid to subgingival plaque flora in patients with periodontal disease. **J Indian Soc Periodontol. 2000;3(3):103-106.**
- 32.Pereira R, **V Chava** Amlodipine induced gingival hyperplasia. **J Indian Soc Periodontol. 2000;3(3):89-90.**
- 33.Sreenivas A, **V Chava** Minocycline in periodontal therapy. **J Indian Soc Periodontol, 2000; 3(2):49-51.**
- 34.S.Narang&**V.Chava** Biomaterials in Periodontics - A review **Annals Dent, University of Malaya: 2000. Vol 7:36-42.**
- 35.VK Chava** Evaluation of the efficacy of a curved bristle and conventional toothbrush. A comparative clinical study. **Dental Abstracts, 2000,Vol.45: 5:205.**
- 36.Pereira R &**V Chava** Influence of lifestyle gender & socio economic status as determinants of dental health behavior, periodontal status & awareness. **Journal of the Pierre Fauchard Academy, 2000.Vol. 14: 21-25.**
- 37.Jayaprasad K, **VK Chava**& SL Thakur Early onset Periodontics - A report **Journal of Nepal State Dental Association, 1999. Vol.2 (1): 32-34.**
- 38.AS Nichani &**VK Chava** Prevention of periodontal diseases- A strategic paper on periodontal health in india. **J Indian Soc Periodontol, 1999; 2(3):92-95.**

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39.A Diwan & V Chava Management of tooth with hopeless prognosis. **J Indian Soc Periodontol.1999; 2(1):22-23.**

40.AS Nichani, S Narang & VK Chava Periodontal splinting & Cosmetic replacement. Aesthetics, Success, Satisfaction. **Journal of International College of Dentists, 1999. Vol 45:16 –17.**

41.S Narang, AS Nichani & VK Chava Reduction of phenytoin- induced gingival overgrowth following a change to carbamazepine: a case report involving an epileptic patient. **Journal of International College of Dentists, 1998. Vol 44: 24–26.**

42.Punit G & VK Chava Sinus Perforation & its Managements - A case report. **Journal of International College of Dentists, 1998. Vol 44: 18–19.**

43.Punit G & VK Chava Micro biota on PTFE membrane - Are they Harmful? **Journal of the Pierre Fauchard Academy, 1998. Vol.12 (1&2): 25-30.**

44. VK Chava & SL.Thakur Juvenile periodontitis associated with Turner 's syndrome. **J Indian Soc Periodontol, 1995; 19(2):37-38.**

* Monographs Nil

* Chapters in Books

1. **Aggressive Periodontitis, Text of clinical periodontology by Dr.Gururaja Rao**

2. **Serotonin and Melatonin: Their Functional Role in Plants and Implications in Human Health, Neuro transmitters by Gokare A Ravishankar, Akula Ramakrishna, Publisher : Taylor & Francis Group, Edition: USA**

* Books edited Nil

* Books with ISBN with details of publishers

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

* Citation Index – range / average

| <u>Citation indices</u> | All | Since 2010 |
|-------------------------|-----|------------|
| <u>Citations</u> | 265 | 223 |
| <u>h-index</u> | 10 | 9 |
| <u>i10-index</u> | 11 | 9 |

* SNIP

* SJR

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* Impact Factor – range / average-- 20

* h-index –9

Dr.Ramesh reddy BV

List of publications (pubmed indexed)

1. Effect of chlorhexidine chip in the treatment of chronic periodontitis.

Kumar AJ, Ramesh Reddy BV, Chava VK.

J Natural Science, Biology and Medicine. 2014 Jul;5(2):268-72.

2. The effect of phase – I periodontal therapy on pregnancy out come in chronic periodontitis patients.

B.V. Ramesh Reddy, S.Tanneeru & V.K. Chava

Journal of Obstetrics and Gynaecology, January 2014; 34: 29-32

3. Hygiene hypothesis and periodontitis – A possible association

Bhuvanapalli Venkata Ramesh Reddy, Vijay Kumar Chava, Sreenivas Nagarakanti, Sumanth Gunupati, Pramod Samudrala.

Medical hypotheses 2014; 82 : 60-63

4. An Adenomatoid Odontogenic Cyst (AOC) with an Assorted Histoarchitecture: A Unique Entity.

Kurra S, Gunupati S, Prasad PR, Raju Y S, Reddy BV.

Journal of Clinical Diagnostic Research. 2013 Jun;7(6):1232-5

5. Green tea extract as a local drug therapy on periodontitis patients with diabetes mellitus: A randomized case – control study

Gadagi JS, Chava VK, Reddy VR

Journal of Indian society of Periodontology 2013;17: 198 – 203

6. Evaluation of a new furcation stent as a fixed reference point for class II furcation measurements.

Laxman VK, Khatri M, Devaraj CG, Reddy K, Reddy R.

J Contemp Dent Pract. 2009 Mar 1;10(2):18-25.

7. Prepubertal periodontitis: a report of 2 cases.

Vandana KL, Reddy BV.

J Dent Child (Chic). 2003 Jan-Apr;70(1):82-5.

8. A clinical and SEM evaluation of the efficiency of softscale gel and hand scaling and hand scaling alone.

Thomas K, Vandana KL, **Reddy VR**.

Indian J Dent Res. 2002 Jul-Dec;13(3-4):173-82.

Other publications

1. A preliminary study of the Guided tissue regeneration procedures for adjacent buccal root coverage using single Gtam-Tr6t membrane

Vandana KL, **Reddy VR** , Joshi VM

Journal of clinical and diagnostic research 2009;3: 1365-1369

2. Periodontal probes – A review

K. Venkata Srikanth, **B.V. Ramesh Reddy**, Darshan B.M., P.K. Saraswathi, Archana

International journal of clinical dental science 2012 ;3 (2) : 23 – 27

3. Role of stress in periodontal disease

Rupasree gundala, Chava. VK., **B.V.Ramesh Reddy**

Indian journal of Dental Advancements, 2012; 04(01): 763-771

4. John Elizabeth, Vandana KL, **Reddy.B** An appraisal of various techniques using chlorhexidine for local delivery in plaque control – A clinical study.

J. Pierre Fouchard academy, Mar 2001; 15(1): 19-23

Dr.Sreenivas Nagarakanti

Peer Reviewed Publications (Accepted or Submitted)

1. Nagarakanti S, Ramya S, Babu P, Arun KV, Sudarsan S. **Differential expression of E-cadherin and cytokeratin 19 and net proliferative rate of gingival keratinocytes in oral epithelium in periodontal health and disease.**Journal of Periodontology. 2007 Nov;78(11):2197-202.

2. N. Gupta, S. Meena, S. Nagarakanti, K. V. Arun, S. Sudarsan, **Fc gamma receptor gene polymorphisms and its association with periodontal disease in a population in Tamilnadu, India**, Journal of Clinical Periodontology 2009; 36 (Suppl. 9): 49.

3. R.V.S.Krishna Kumar, NusrathFareed, Shanthi.M, SreenivasNagarakanti, **Assesing Patients' Satisfaction with Dental Services Provided by the Dentists in Nellore District of Andhra Pradesh.** Journal of Indian Association of Public Health dentistry 2009; issue 13:1-5.

4. ArunShyam, NusrathFareed, Shanthi.M, SreenivasNagarakanti, **Professional Satisfaction Among Dental Practitioners of Nellore District, Andhra Pradesh.** Journal of Indian Association of Public Health dentistry 2009; issue 14: 64

5. V.Bellapu, S.Nagarakanti, **Concrescence of Erupted Second Molar and Impacted Third Molar: A Rare Case Report.** The Int Jour of Dental Science. 2010, Vol 8, Number 2.

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6. Nagarakanti.S, Athuluru.D. **Ozone: A New Revolution in Dentistry.** WebmedCentral Dentistry, 2011;2 (12).
7. S.Nagarakanti, **Knowledge, Attitude and Practice towards Periodontal Diseases among Gynaecologists. A pilot study.** Journal of Obstetrics &Gynaecology. Jan 2012, Vol 32, No 1:62-63.
8. Nagarakanti.S, Epari.V, Athuluru.D. **Knowledge, Attitude and Practice of Medical Doctors Towards Periodontal Disease.** Journal of Indian Society of Periodontology. 2013; 17: 137-139.
9. Reddy BV, ChavaVK, Nagarakanti S, Gunupati S, Samudrala P. **Hygiene hypothesis and periodontitis--a possible association.** Med Hypotheses. 2014 Jan;82(1):60-3
10. Siva kalyan, NusrathFareed, Shanthi.M, SreenivasNagarakanti, **Patients Attitude Towards Dental Clinical Attire in Nellore District of Andhra Pradesh.** Indian Journal of Dental Research, Accepted for publication with minor corrections.
11. Nagarakanti.S, ChavaVK, Reddy R, Sumanth G. **Assessment of Safety Profile for Dental Procedures in Andhrapradesh State, INDIA.** *The Journal of Contemporary Dental Practice.* Under Review.
12. SreenivasNagarakanti, K.V.Arun, **Socket Preservation: Comparison between three different techniques.** *Practical procedures and aesthetic dentistry* Under Review.
13. Nagarakanti.S, ChavaVK, Reddy R, Sumanth G. **Effectiveness of subgingival irrigation as an adjunct to scaling and root planing in the treatment of chronic periodontitis: a systematic review.** Under Review, JCDR

Textbook Publications

1. Author for the Textbook, **“Periodontics in Clinical Practice”.** *Published by:* Quintessence Science Communications Pvt. Ltd. 303- 304, ViratBhawan, Commercial Complex, Dr. Mukherjee Nagar, Delhi - 110 009.

Research/Academic work under Progress

1. IL-22 and its role in Periodontal disease.
2. Role of Probiotics in Periodontal Disease.

Dr.Sumanth Gunupati

PEER REVIEWED PUBLICATIONS (ACCEPTED)

1. Gunupati S, Chava VK, Krishna BP. Effect of Phase I Periodontal Therapy on Anti-Cardiolipin Antibodies in Patients With Acute Myocardial Infarction Associated With Chronic Periodontitis. *Journal of Periodontology.* 2011 Dec;82(12):1657-1664.

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2. S.N. Yallamraju , S. Gunupati, An Unusual Foreign Body In Upper Lip The Int Jour of Dental Science. 2012, Vol 10, Number 2.
3. Kurra S, reddy DS, Gunupati S, K S, Reddy M S Fibrous Dysplasia and Central Giant Cell Granuloma: A Report of Hybrid Lesion with its Review and Hypotheticated Pathogenesis. J Clin Diagn Res. 2013 May;7(5):954-8
4. Kurra S, Gunupati S, Prasad PR, Raju Y S, Reddy BV. An Adenomatoid Odontogenic Cyst (AOC) with an Assorted Histoarchitecture: A Unique Entity. J Clin Diagn Res. 2013 Jun;7(6):1232-5.
5. Muralikrishna T, Kalakonda B, Gunupati S, Koppolu P. Laser-Assisted Periodontal Management of Drug-Induced Gingival Overgrowth under General Anesthesia: A Viable Option. Case Rep Dent. 2013;2013:387453.
6. Reddy BV, Chava VK, Nagarakanti S, Gunupati S, Samudrala P. Hygiene hypothesis and periodontitis--a possible association. Med Hypotheses. 2014 Jan;82(1):60-3

Dr. Swetha tanneru

Manuscripts submitted 2015

1. S. Tanneeru MDS*, B.V. Ramesh Reddy MDS*, V.K. Chava MDS*, V. Sita Lakshmi MD**. Effect of periodontal therapy on pregnancy outcome in women associated with chronic generalized periodontitis- A Clinico Immunological study. To Journal of Obstetrics and Gynaecology
2. B.V. Ramesh Reddy MDS & S. Tanneeru MDS. Implants survival in chronic periodontal and periapical infections. To Journal of international Clinical Dental Research Organization.
3. **B.V. Ramesh Reddy**, S. Tanneeru & V.K. Chava
The effect of phase – I periodontal therapy on pregnancy out come in chronic periodontitis patients. Journal of Obstetrics and Gynaecology, January 2014; 34: 29-32

23. Details of patents and income generated

24. Areas of consultancy and income generated

Peirodental flap surgeries
 Mucogingival surgeries
 Ridge augmentation
 Guided tissue regeneration
 Electrosurgery
 Cryosurgery

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Desensitization

Oral hygiene maintenance therapy

Implants

Lasers

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

26. Faculty serving in

a) National committees

b) International committees

c) Editorial Boards

Dr.Vijaykumar Chava

Life Member Indian society of Periodontology

Member Editorial board Indian society of Periodontology

Life member Indian society of oral implantology

Founder President of Andhrapradesh Society of Periodontology

Member BioMed Oral health Journal.

Member Editorial board Biomed research notes

Associate editor for Biomed Med research notes.

d) Any other (specify) **Reviewer**for ICMR projects, Biomed Journal of oral health, Biomed journal of research notes, Journal of Indian society of Periodontology, Journal of Periodontology, Journal of investigative and clinical dentistry.

2009 Senior Coordinator, for the Survey “Assessment of Safety Profile for Dental Procedures In India”, undertaken by “Centre for Dental Education &Research, All India Institute of Medical Sciences (AIIMS)”, New Delhi, supported by “Ministry Of Health & Family Welfare”.

Dr.Ramesh Reddy BV

Professional memberships

1) Life member of Indian society of periodontology

2) Founder member & Life member of Andhra Pradesh society of Periodontology

3) Life member of Indian Dental Association

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Non professional memberships

- 1) Life member of Youth Hostels Association of India
- 2) Member of Lions Club International – Nellore Branch

Others:

- 1) Reviewer for the following peer reviewed journals
 - a) Indian Journal of Dental Research
 - b) Journal of the International Clinical Dental Research Organization
 - c) PLOS ONE

Dr.Sreenivas nagarakanti

Honors

2007- Current Manuscript Peer Reviewer, Journal of Periodontology

200 Founder Member of Andhrapradesh Society of Periodontology

Referee for the Grant application which has been submitted to the Sheffield Hospitals Charitable Trust, Medical Research Committee, Sheffield, U.K

2008 – current Manuscript Peer Reviewer, Indian Society of Periodontology

2008 - 2009 EC Member, Indian Dental Association (Nellore Branch)

2009 Senior Investigator, for the Survey “Assessment of Safety Profile for Dental Procedures In India”, undertaken by “Centre for Dental Education & Research, All India Institute of Medical Sciences

(AIIMS)”, New Delhi, supported by “Ministry Of Health & Family Welfare”.

2009 – 2010 In-charge for CDH (Community Dental Health), Indian Dental Association (Nellore Branch)

2010 – 2011 EC Member, Indian Dental Association (Nellore Branch)

2013 – 2014 State Representative for IDA (Nellore Branch)

2014 - 2015 EC Member, Indian Dental Association (Nellore Branch)

2015 – 2016 In-charge for CDH (Community Dental Health), Indian Dental Association (Nellore Branch)

Professional Affiliations

2007– current Life Member, Indian Society of Periodontology.

Life Member, Indian Dental Association

2008 – current Founder Member & Life Member, Andhrapradesh Society of Periodontology



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Dr.Sumant Gunupati

HONORS

2015-current Vice President, Indian Dental Association (Nellore Branch)

PROFESSIONAL AFFILIATIONS

2012– current Life Member, Indian Society of Periodontology.

2008-current Life Member, Indian Dental Association

2008 – current Life Member, Andhra Pradesh Society of Periodontology

Dr.Swetha Tanneru

2014- Current Member, Indian Dental Association

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

NTR Health University annual workshops

Zonal CDE programs

IDA symposium & CDE programs

National conferences

National Post graduate conventions

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards / recognitions received at the national and international level by

1) Faculty

2014-2015

Dr.VijayKumar Chava

Invited speaker for PERIO AVALOKAN 2015 PG Rapid review course organised by

Indian society of periodontology on 19,20,21 February at Vishnu dental college, Bhimavaram

Invited Guest speaker for Dr.NTR University of Health sciences CDE programme for Post graduate students organised at Mehaboobnagar sahithi 2010 batch

Dr.Ramesh Reddy BV is Currently, President of Indian Dental Association , Nellore Branch

Narayana Dental College & Hospital, Nellore

2013- 2014

Dr.VijayKumar Chava

Invited Guest speaker for Dr.NTR University of Health sciences CDE programe for Post graduate students organised at Vikarabad

2010-11

Dr. Vijay Kumar Chava Member PG board of studies NTR UGHS, Vijayawada

- Doctoral / post doctoral fellows
- Students
- 2015 ISP perio topper in BDS 4th year - sowmya 2009 batch
- 2014 ISP perio topper in BDS 4th year

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

2014-2015

Ravi Chandu.k

- 1.Development of face & dental structure
2. Physiological & Biochemical principles in and about oral function
3. calcium metabolism and bone.

Geethika

- 1.Microscopic anatomy of body tissu
2. Inflammation.
3. Saliva function and related disorder.

Priyanka.M

1. Temporomandibular Joint
2. Haemostasis and coagulation
3. Biofilm

Vishnu Teja. O

1. History of periodontology.
2. Biochemistry and molecular biology of connective tissue and epithelium.
3. Bacterial metabolism, virulence factors and attachment.

Shruthi.N

1. Cell attachment.
2. Innate and adaptive immunity.
3. Periodontal manifestation of oral mucosal tongue lesions.

2013-2014

Teja Ummidisetty

1. Maxillary sinus
2. Physiology of Blood.
3. Local Anaesthesia.
4. Cytokines
5. Gingival Pigmentation.
6. periodontal management of medically compromised patients.
7. Role of antioxidants in periodontal therapy.
8. Stress and periodontium.

Daya Swarupa.D

1. Cranial nerves
2. Physiology of bone.
3. Haematinics and anticoagulants.
4. Biochemistry of periodontal ligament.
5. Endocrines and periodontium
6. Vitamins and periodontal diseases.
7. Occlusion and periodontics.
8. Periodontal manifestation of HIV & management.

Jaya prakash.M

1. Age changes in periodontal tissues.
2. Swallowing and deglutition.
3. Antibiotics.
4. Radiographic assessment in periodontics.
5. Obesity and periodontal disease.
6. Bacterial etiology of periodontal disease.
7. Risk factors, risk determinants & risk indication of periodontal disease.
8. Acute gingival infections.
9. Gingival diseases in childhood.

Sai Lavanya.N

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1. Muscles of mastication.
2. Pathway of pain.
3. Analgesics.
4. Supplemental diagnostics
5. Growth factors in periodontal regeneration.
6. Viral and fungal etiology of periodontal diseases.
7. Porphyromonas gingivalis.
8. Host response in periodontal diseases.

Dhishann babu.P

1. Anatomy of periodontium
2. Salivary secretion.
3. Infection control.
4. Diagnosis of periodontal diseases
5. Dentinal Hypersensitivity.
6. Histochemistry of gingiva.
7. Mechanical plaque control.
8. Indices used in periodonntics research.
9. Motivation and Education.

2012-2013

Pramod .S

1. Defense mechanisms of gingiva
2. Classification of periodontal diseases
3. Bleeding & clotting disorders-I (Hemostasis and Hemorrhagic disorders)
4. Bleeding & clotting disorders-II (Diagnosis and Management.
5. Development of periodontium
6. Diseased cementum
7. Immunity and Inflammation
8. Diagnosis of periodontal diseases
9. Local drug delivery in periodontal therapy
10. Pre-surgical preparation
11. Periodontal vaccines

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Suresh kumar.R

1. Dental calculus.
2. Macronutrients & Periodontium
3. Micronutrients & Periodontium
4. Hereditary Gingival Fibromatosis
5. Oral mucosa and dento gingival junction
6. Chemical plaque control

Sukrutha .B

- 1.Dental plaque.
- 2.Drug induced gingival over growth.
- 3.Periodontal disease activity.
- 4.Alveolar bone
- 5.Halitosis
- 6.Root surface treatment
- 7.Smoking and periodontitis
- 8.Surgical anatomy
- 9.Microsurgery

2011-2012

Chandana..T

- 1.Collagen structure and function.
2. Epithelial attachments.
3. Epidemiology of periodontal diseases.
4. Adhesion molecules and inflammation.
5. Advanced radiographic aids.
6. Splinting.
7. Vitamin D and periodontal diseases.
8. Principles of sonic and ultrasonic instrumentation.
9. Concepts of periodontal debridement.

Shamina .N

Proteoglycan structure and function

1. Periodontal ligament

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2. Extracellular matrix homeostasis
3. Specific and non-specific plaque hypothesis
4. Aggressive periodontitis
5. Suture and suture techniques
6. Immunodiagnostic methods
7. Future approaches in periodontal regeneration
8. Periodontal tissue engineering
9. Collagenous and non-collagenous proteins
10. Trauma from occlusion
11. Prognosis
12. Maxillary nerve block

Jyothi . C

1. Bone structure and function
2. Cementum
3. Periodontal Mechano receptors in response to normal and abnormal forces
4. Basic wound healing
5. Basic regeneration
6. Periodontal Wound healing and Regeneration
7. Advances in clinical diagnosis
8. Diabetes and periodontal disease
9. Probiotics in periodontal therapy
10. Risk assessment of periodontal diseases

31. Code of ethics for research followed by the departments

Helsinki declaration

University Ethical Committee Board

Institutional Ethical Committee Board

32. Student profile program-wise:

| Name of the Program (refer to question no. 4) | Applications received | Selected | | Pass percentage | |
|--|--------------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| | | | | | |

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| Name of the Program (refer to question no. 4) | Applications received | Selected | | Pass percentage | |
|--|--------------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| | | | | | |

33. Diversity of students

| Name of the Program (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|--|--|--|---|------------------------------------|
| | | | | |
| | | | | |
| | | | | |

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

35. Student progression

| Student progression | Percentage against enrolled |
|--|-----------------------------|
| UG to PG | |
| PG to M.Phil, DM / M Ch / DNB | |
| PG to Ph.D. | |
| Ph.D. to Post-Doctoral | |
| Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment | |
| Entrepreneurs | |

36. Diversity of staff

| Percentage of faculty who are graduates | |
|--|-------|
| of the same university | Three |
| from other universities within the State | Nil |
| from universities from other States | Seven |
| from universities outside the country | Nil |

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : Nil

38. Present details of departmental infrastructural facilities with regard to

- a) Library
- b) Internet facilities for staff and students
- c) Total number of class rooms
- d) Class rooms with ICT facility and 'smart' class rooms
- e) Students' laboratories
- f) Research laboratories

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university.

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Faculty gives feedback on curriculum and teaching learning evaluation through structured feedback designed by the institution. In addition faculty provides feedback on library, infrastructure and organizational climate. Feedback is collected on all courses and programs. Through these feedbacks necessary information about the curriculum, teaching learning and evaluation is availed and necessary corrective actions initiated. From the analysis of feedback problem based learning, enrichment courses are initiated in all the departments. CPA cards are initiated. Library and online resources are used for teaching. Self directive learning measures are initiated.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Feedbacks are designed to be collected from students. Students submit feedback on

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performance of teacher. They also give feedback on courses, program and teaching learning evaluation. From these feedbacks library infrastructure upgraded, students project initiated, student research seed money initiated including evaluation reforms.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

The alumni give feedback on the programs, competence is gained and academic enrichment and continue dental education needed for improve. They give suggestion for institution improvement.

43. List the distinguished alumni of the department (maximum 10)

1. Satheesh Mannem
2. Janakumar
3. Sandeep Katti
4. Rupashree
5. Kiran mai
6. Jayaprakash Gadagi
7. Lahari
8. Sumanth
9. Swetha

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

2014-2015

1. Lasers in dentistry
2. Emergency medical needs in dentistry

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?



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- 47. Highlight the participation of students and faculty in extension activities.**
- 48. Give details of “beyond syllabus scholarly activities” of the department.**
- 49. State whether the program/ department is accredited/ graded by other agencies? No. If yes, give details.**
- 50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Weaknesses

The department periodical evaluates its performance & anticipates the problematic areas well in advance and finds effective solutions in case they arise. Presently there are no areas of weakness.

52. Future plans of the department



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Evaluative Report of the Department

1. Name of the Department

Department of Maxilla-Facial Prosthodontics including Crown & Bridge and Implantology.

2. Year of establishment

a. Under-graduation : 2001 - June

b. Post-graduation : 2006 - June

3. Is the Department part of a college/Faculty of the university?

Narayana Dental College and Hospital, Affiliated to NTR. University of Health Sciences.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

a. Bachelor of dental surgery (BDS)

b. Masters of dental surgery (MDS)

5. Interdisciplinary programs and departments involved

a. Oral medicine and Radiology

b. Oral and maxillofacial surgery

c. Prosthodontics and Crown & Bridge and Implantology

d. Conservative Dentistry & Endodontics

e. Orthodontics & Dentofacial Orthopedics

f. Paedodontics & Preventive Dentistry

g. Periodontics

h. Public Health Dentistry

i. Oral & Maxillofacial Pathology & Microbiology

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

7. Details of programs discontinued, if any, with reasons

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

Annual

9. Participation of the department in the courses offered by other departments

Zonal CDE programs directed by Dr. NTR UHS

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

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| | Sanctioned | Filled | Actual (including CAS & MPS) |
|-----------------------------|------------|--------|------------------------------|
| Professor | 2 | 2 | |
| Associate Professor/Reader | 7 | 7 | |
| Assistant Professor | 7 | 7 | |
| Lecturer | 3 | 3 | |
| Tutor / Clinical Instructor | - | - | |
| Senior Resident | - | - | |

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

| Name | Qualification | Designation | Specialization | No. of Years of Experience |
|--------------------------|---------------|-------------|----------------|----------------------------|
| Dr.P.Mahesh | MDS | Prof & HOD | Prosthodontics | 22 |
| Dr.P.Srinivasa Rao | MDS | Professor | Prosthodontics | 14 |
| Dr.V.H.C.Kumar | MDS | Reader | Prosthodontics | 9 |
| Dr. T.Pavan Kumar | MDS | Reader | Prosthodontics | 8 |
| Dr. V.Dileep Nag | MDS | Reader | Prosthodontics | 8 |
| Dr. V.Vijaya Sankar | MDS | Reader | Prosthodontics | 8 |
| Dr. D.V.V. Vamsi Krishna | MDS | Reader | Prosthodontics | 7 |
| Dr.Vamsi Krishna Reddy.V | MDS | Reader | Prosthodontics | 6 |
| Dr. Y.Sushma | MDS | Reader | Prosthodontics | 5 |
| Dr. B.Swapna | MDS | Sr.Lecturer | Prosthodontics | 4 |
| Dr.V.Ravikumar | MDS | Sr.Lecturer | Prosthodontics | 3 |
| Dr.Saritha Kattulapalle | MDS | Sr.Lecturer | Prosthodontics | 2 |
| Dr.Kishita | MDS | Sr.Lecturer | Prosthodontics | 1 |

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| Name | Qualification | Designation | Specialization | No. of Years of Experience |
|---------------------------|---------------|-------------|----------------|----------------------------|
| Adapala | | | | |
| Dr.Dasari. Raghavendra | MDS | Sr.Lecturer | Prosthodontics | 1 |
| Dr.KA.Saran Babu | MDS | Sr.Lecturer | Prosthodontics | 0 |
| Dr.D.Lakshmi Priyanka | MDS | Sr.Lecturer | Prosthodontics | 0 |
| Dr.A.Saroja | BDS | Lecturer | - | 14 |
| Dr.N.Harshitha | BDS | Lecturer | - | 1 |
| Dr.G.Neeraja | BDS | Lecturer | - | 0 |

Details enclosed.

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

NIL

13. Percentage of classes taken by temporary faculty – program-wise information

NIL

14. Program-wise Student Teacher Ratio

UG –per year $100 \div 19 = 5.2$ (students per staff)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

10 members.

16. Research thrust areas as recognized by major funding agencies

ICMR

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

None

18. Inter-institutional collaborative projects and associated grants received

b) National collaboration b) International collaboration

None

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19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NIL

20. Research facility / centre with

- Advanced Research Center at NMC
- state recognition -Yes
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

Central research laboratory at NMC.

Animal Laboratory facility

Real time PCR facility

Stem cell unit

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

| S.No. | Faculty Name & Designation | Name of the Journal | Year of Publication |
|-------|---|--|---------------------|
| 1 | Dr. P. Mahesh, Prof & HOD | Comparative evaluation of tensile strength, tear strength , residual monomer content in three soft denture liners before and after thermocycling- An invitro study Journal of Indian Prosthodontic Society | 2012 |
| | | Condylar Guidance : Correlation between Protrusive interocclusal Record and Panoramic Radiographic Image : A Pilot Study Journal of Prosthodontics 2012 | 2012 |
| | | Flexible resins in the rehabilitation of Maxillectomy patient Indian Journal of Dental Research | 2012 |
| | | An invivo clinical study of facial measurements for anterior teeth selection ANNALS AND ESSENCES OF DENTISTRY | 2012 |

| | | |
|--|---|------|
| | <p>Comparison of residual monomer and water absorption in acrylic resin samples processed with microwave and conventional heat cure polymerisation method - an invitro study.</p> <p style="text-align: center;">ANNALS AND ESSENCES OF DENTISTRY</p> | 2012 |
| | <p>Evaluation and comparison of transverse strength of three different types of repair materials with different mechanical configurations.</p> <p style="text-align: center;">Andhra Pradesh State Dental Journal(IDA)</p> | 2011 |
| | <p>Comparative evaluation of marginal discrepancy and surface roughness of castings made with conventional and accelerated technique using two pattern materials. Indian Journal of Dental Sciences</p> <p style="text-align: center;">(Journal of H.P. University, Shimla)</p> | 2013 |
| | <p>Immediate Loading of Dental Implants</p> <p style="text-align: center;">(Annals and Essences of Dentistry)</p> | 2014 |
| | <p>Defenitive Obturator Prosthesis for Hemimaxillectomy Patient – A Case Report (AP State Dental Journal)</p> | 2014 |
| | <p>Soft Liners Revisited (AP State Dental Journal)</p> | 2014 |
| | <p>Prosthetic Management of Cleft in Newborns- A Simplified Approach (AP State Dental Journal)</p> | 2014 |
| | <p>Prosthodontic Management of Xerostomia in Edentulous patient with salivary reservoir – A case Report</p> <p style="text-align: center;">(AP State Dental Journal)</p> | 2014 |
| | <p>Implant Impression Techniques</p> <p style="text-align: center;">(AP State Dental Journal)</p> | 2014 |
| | <p>Non- Rigid Connector in Fixed Partial Dentures for Managing the Pier Abutment – A Case Report</p> <p style="text-align: center;">(AP State Dental Journal)</p> | 2014 |

| S.No | Faculty Name & Designation | Name of the Journal | Year of Publication |
|------|--|---|---------------------|
| 2 | Dr.P.Srinivas Rao, Professor | M- Mode echomyography a new technique for the functional assessment of striated muscles The Indian Journal of Radiology and Imaging | 2002 |
| | | Comparative evaluation of tensile strength, tear strength , residual monomer content in three soft denture liners before and after thermocycling- An invitro study Journal of Indian Prosthodontic Society | 2012 |
| | | Condylar Guidance : Correlation between Protrusive interocclusal Record and Panoramic Radiographic Image : A Pilot Study Journal of Prosthodontics 2011 | 2012 |
| | | Flexible resins in the rehabilitation of maxillectomy patient Indian Journal of Dental Research | 2012 |
| | | Comparison of residual monomer and water absorption in acrylic resin samples processed with microwave and conventional heat cure polymerisation method - an invitro study. ANNALS AND ESSENCES OF DENTISTRY | 2012 |
| | | An invivo clinical study of facial measurements for anterior teeth selection ANNALS AND ESSENCES OF DENTISTRY | 2012 |
| | | Evaluation and comparison of transverse strength of three different types of repair materials with different mechanical | 2011 |

| | | | |
|--|--|--|------|
| | | configurations. Andhra Pradesh State Dental Journal(IDA) | |
| | | Comparative evaluation of marginal discrepancy and surface roughness of castings made with conventional and accelerated technique using two pattern materials. Indian Journal of Dental Sciences (Journal of H.P. University, Shimla) | 2013 |
| | | Prosthetic Management of Cleft in Newborns- A Simplified Approach (AP State Dental Journal) | 2014 |
| | | Implant Impression Techniques (AP State Dental Journal) | 2014 |

| S.No | Faculty Name & Designation | Name of the Journal | Year of Publication |
|------|---------------------------------------|---|---------------------|
| 3 | Dr. V.H.C.Kumar, Reader | A facial talon cusp on maxillary permanent central incisors Journal of Conservative Dentistry | Jan –Mar 2012 |
| | | Combination of immediate complete denture and over denture : A case report Dentaires Revista | Jan –Mar 2011 |
| | | Evaluation and comparison of transverse strength of three different types of repair materials with different mechanical configurations. Andhra Pradesh State Dental Journal(IDA) | July 2011 |

| | | |
|--|---|---------------------------|
| | <p>Comparison of residual monomer and water absorption in acrylic resin samples processed with microwave and conventional heat cure polymerisation method - an invitro study.</p> <p>ANNALS AND ESSENCES OF DENTISTRY</p> | <p>Jan –Mar 2012</p> |
| | <p>Comparative Evaluation of Tensile Bond Strength between Silicon Soft Liners and Processed Denture Base Resin Conditioned by Three Modes of Surface Treatment: An Invitro Study</p> <p>Journal of Indian Prosthodontic Society</p> | <p>July-Sept 2013</p> |
| | <p>Rehabilitation of ocular defect with orbital prosthesis: A CASE REPORT</p> <p>Journal of Dental and Medical Sciences</p> | <p>Sept-oct 2013</p> |
| | <p>Prosthodontic Management of Xerostomia in Edentulous patient with salivary reservoir – A case Report (AP State Dental Journal)</p> | <p>2014</p> |

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|---|---|--|---------------------------------|
| 4 | Dr. T.Pavan Kumar, Reader | Prosthetic rehabilitation of orofacial donor site fistula following surgical reconstruction : A Clinical report Journal of Prosthodontics | 2008 |
| | | Condylar Guidance : Correlation between Protrusive interocclusal Record and Panoramic Radiographic Image : A Pilot Study Journal of Prosthodontics 2011 | 2012 |
| | | Flexible resins in the rehabilitation of maxillectomy patient Indian Journal of Dental Research | 2012 |
| | | Evaluation of marginal gap of Ni-Cr copings made with conventional and accelerated casting techniques Indian Journal of Dental Research | 2013 |
| | | Comparative evaluation of tensile strength, tear strength , residual monomer content in three soft denture liners before and after thermocycling- An invitro study Journal of Indian Prosthodontic Society | 2012 Supplementary edition 1 |
| | | An invitro clinical study of facial measurements for anterior teeth selection ANNALS AND ESSENCES OF DENTISTRY | Jan – Mar 2012 |
| | | Comparative evaluation of marginal discrepancy and surface roughness of castings made with conventional and accelerated technique using two pattern materials. Indian Journal of Dental Sciences (Journal of H.P. University, Shimla) | 2013 |

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| | | | |
|--|--|---|------|
| | | Soft Liners Revisited (AP State Dental Journal) | 2014 |
|--|--|---|------|

| S.No | Faculty Name & Designation | Name of the Journal | Year of Publication |
|------|--|--|---------------------|
| 5 | Dr. V.Dileep Nag, Reader | Early prosthetic management of maxillectomy, Hemimandibulectomy patient with a lateral mid facial defect: A case report The Journal of Indian prosthodontic society | 2012 |
| | | Diverse modalities of gingival replacement: A report of three cases Contemp Clin Dent | 2012 |
| | | A simplified chair-side technique with pre-fabricated directional rings in a case of divergent root retained overdenture The Journal of Indian prosthodontic society | 2011 |
| | | Precision attachment: Retained Overdenture The journal of Indian prosthodontic society | 2012 |
| | | Prosthetic management of mono ostotic fibrous dysplasia with linear retention principle for removable cast partial denture International Dental journal | 2010 |
| | | A staged approach of implant placement in immediate extraction sockets for preservation of peri-implant soft and hard tissue Journal of Indian society of periodontology | 2014 |
| | | Osseointegrated Silicon Finger Prosthesis using dental implants: A Renovated Technique JCPD | 2014 |

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|--|--|---|------|
| | | Defenitive Obturator Prosthesis for Hemimaxillectomy Patient – A Case Report (AP State Dental Journal) | 2014 |
| | | Non- Rigid Connector in Fixed Partial Dentures for Managing the Pier Abutment – A Case Report (AP State Dental Journal) | 2014 |

| S.No | Faculty Name & Designation | Name of the Journal | Year of Publication |
|------|---------------------------------|---|---------------------|
| 6 | Dr. V. Vijaya Sankar, Reader | Single complete denture boon or bane : a case report ANNALS AND ESSENCES OF DENTISTRY | 2011 |
| | | An invivo clinical study of facial measurements for anterior teeth selection ANNALS AND ESSENCES OF DENTISTRY | 2011 |
| | | Comparison of residual monomer and water absorption in acrylic resin samples processed with microwave and conventional heat cure polymerisation method - an invitro study. ANNALS AND ESSENCES OF DENTISTRY | 2011 |
| | | A staged approach of implant placement in immediate extraction sockets for preservation of peri-implant soft and hard tissue Journal of Indian society of periodontology | 2014 |
| | | Cephalometric comparison of frankforts horizontal plane and occlusal plane with variations in ala tragus line ANNALS AND ESSENCES OF DENTISTRY | 2013 |

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|--|--|---|------|
| | | Osseointegrated Silicon Finger Prosthesis using dental implants: A Renovated Technique JCPD | 2014 |
|--|--|---|------|

| S.No | Faculty Name & Designation | Name of the Journal | Year of Publication |
|------|--|---|---------------------|
| 7 | Dr.D.V.V.Vamsi Krishna Reader | Dentures with phonetically contoured palate: A simple technique of adding customized rugae and palatal contours to the maxillary denture The journal of contemporary dental practice | 2012 |
| | | Cephalometric comparison of frankforts horizontal plane and occlusal plane with variations in ala tragus line ANNALS AND ESSENCES OF DENTISTRY | 2013 |
| | | A micro leakage study of class five restorations using three self etching adhesives and microfilled composite resin- An invitro stereomicroscopic study ANNALS AND ESSENCES OF DENTISTRY | 2013 |
| | | Single complete denture boon or bane : a case report ANNALS AND ESSENCES OF DENTISTRY | 2012 |

| No | Faculty Name & Designation | Name of the Journal | Year of Publication |
|----|--|---|---------------------|
| 8 | Dr.V.Vamsi Krishna Reddy Reader | Dentures with phonetically contoured palate: A simple technique of adding customized rugae and palatal contours to the maxillary denture The journal of contemporary dental practice | 2012 |
| | | A staged approach of implant placement in immediate extraction sockets for preservation of peri-implant soft and hard tissue Journal of Indian society of periodontology | 2014 |
| | | Single complete denture boon or bane : a case report ANNALS AND ESSENCES OF DENTISTRY | 2012 |
| | | Osseointegrated Silicon Finger Prosthesis using dental implants: A Renovated Technique JCPD | 2014 |

o Details enclosed

- * Monographs
- * Chapters in Books
- * Books edited
- * Books with ISBN with details of publishers
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- * Citation Index – range / average
- * SNIP
- * SJR

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* Impact Factor – range / average

* h-index

23. Details of patents and income generated

24. Areas of consultancy and income generated

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

a. Inspectors (DCI) as national wide

b. Examiners as national and state wide (Both for UG and PG)

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

a. Advisory committee members in national

b. Organizing committee members in national

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

Yes

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

- 100 % (18 – PG students)

- percentage of students doing projects in collaboration with other universities / industry / institute

29. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

SEMINARS

2014-2015

1. Mouth Preparations For Removable Partial Dentures
2. Impression Techniques In Removable Partial Dentures
3. Components And Classification Implants
4. Dental Implant Armamentarium

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5. Classification And Division Of Bone Based On Implantology
6. Surveying
7. Implant Impressions
8. Principles Of Removable Partial Denture Designs
9. Osseointegration (Part 1)
10. Osseointegration (Part 2)
11. Implant Biomaterials
12. Armany Classification And Management Of Maxillofacial Defects
13. Imaging In Implantology
14. Ocular And Orbital Prosthesis
15. Materials Used For Maxillofacial Prosthesis
16. Obturators
17. Management Of Acquired Maxillary Defects
18. Sequale for wearing complete dentures
19. Biomechanics In Implants
20. Failures in FPD
21. Screws Vs Cement Retained Prosthesis
22. Resin Bonded Fixed Partial Dentures
23. Polymers And Polymerisation
24. Dental Waxes
25. Die Materials And Die Systems
26. Casting Procedures
27. Metal Ceramics
28. All Ceramics
29. Complete Denture Diagnosis And Treatment Planning
30. Preprosthetic Surgery
31. Impressions In Complete Denture
32. Orientation Jaw Relation
33. Vertical Jaw Relation
34. Horizontal Jaw Relation
35. Articulators
36. Occlusion In Complete Denture
37. Complete Denture Problems And Management
38. Tooth Supported Overdentures

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- 39. Immediate Dentures
- 40. Single Complete Dentures
- 41. Recent Advances In Tissue Management
- 42. Maxillary and Mandibular Defects and Management
- 43. Retention In Maxillofacial Prosthesis
- 44. An Update on All Ceramics

30. Code of ethics for research followed by the departments

Institutional ethical committee

31. Student profile program-wise:

| Name of the Program (refer to question no. 4) | Total No. of Seats | Selected | | Pass percentage | |
|--|-----------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| BDS | 100 | 23 | 77 | - | - |
| MDS | 43 | 21 | 22 | - | - |

32. Diversity of students

| Name of the Program (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|--|--|--|---|------------------------------------|
| BDS | - | - | - | - |
| MDS | 82% | - | 18% | - |

33. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Dr.Kona Vamsi Krishna (2007 Batch cleared UPSC- IPS)

34. Student progression

| Student progression | Percentage against enrolled |
|-------------------------------|-----------------------------|
| UG to PG | 30% |
| PG to M.Phil, DM / M Ch / DNB | - |
| PG to Ph.D. | - |
| Ph.D. to Post-Doctoral | - |

| Student progression | Percentage against enrolled |
|--|-----------------------------|
| Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment | - |
| Entrepreneurs | - |

35. Diversity of staff

| Percentage of faculty who are graduates | |
|--|-----|
| of the same university | 50% |
| from other universities within the State | - |
| from universities from other States | 50% |
| from universities outside the country | - |

36. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

37. Present details of departmental infrastructural facilities with regard to

Library

| <u>DEPT.NAME: PROSTHODONTICS</u> | | | | |
|--|------------|---|---------------|----------|
| BOOKS AVAILABLE IN DEPARTMENTAL LIBRARY | | | | |
| S.N O | ACC.N O | TITLE OF THE BOOK | AUTHOR | ED |
| <u>PROSTHODONTICS</u> | | | | |
| <u>FOREIGN TITLES</u> | | | | |
| 1 | 1073 | BOUCHER'S PROSTHODONTIC TREATMENT FOR EDUTULOUS PATIENT | ZARB | 11T H |
| 2 | 1265 | THEORY&PRACTICE OF FIXED PROSTHODONTICS | MALLONE | 8TH |
| 3 | 1267 | THEORY&PRACTICE OF FIXED PROSTHODONTICS | MALLONE | 8TH |
| 4 | 1270 | FUNDAMENTALS OF FIXED PROSTHODONTICS | SHILLING BURG | 3RD |
| 5 | 1280 | CLINICAL REMOVABLE PROSTHODONTICS | STEWART | 2ND |
| 6 | 4482 | ESSENTIAL OF COMPLETE | WINKLER | 2ND |

| | | | | |
|----|------|---|------------------|----------|
| | | DENTURE PROSTHODONTICS | | |
| 7 | 1775 | ESSENTIAL OF COMPLETE DENTURE PROSTHODONTICS | WINKLER | 2ND |
| 8 | 1783 | PARTIAL DENTURES | OSBORNE | 4TH |
| 9 | 2321 | CLINICAL PROBLEMS SOLVING IN PROSTHODONTICS | BARTLETT | 3RD |
| 10 | 2442 | CLINICAL ASPECTS OF DENTAL MATERIALS | MARCIA GLADWIN | |
| 11 | 2443 | CLINICAL ASPECTS OF DENTAL MATERIALS | GLADWIN | 1ST |
| 12 | 2479 | TREATMENT OF EDENTUOLOUS PATIENT | FRASER MC CARD | 1ST |
| 13 | 2572 | INLAY'S CROWN AND BRIDGES | KANTOROWITZ | 5TH |
| 14 | 2649 | MISSING TEETH | J FRASER MC CARD | 1ST |
| 15 | 2692 | REMOVABLE PARTIAL PROSTHODONTICS | MC CRAKENS | 11T H |
| 16 | 2694 | CLINICAL DENTAL PROSTHODONTICS | FENN | 2ND |
| 17 | 2798 | ESTHETIC DENTISTRY: A CLINICAL APPROACH TO TECH & MATERIALS | ASCHHEIM | 2ND |
| 18 | 3139 | SCIENCE AND PRACTICE OF OCCULSION | CHAILES MC NEIV | 1ST |
| 19 | 3196 | CONTEMPORARY FIXED PROSTHODONTICS | ROSENTIEL | 4TH |
| 20 | 3202 | REVIEW OF FIXED PARTIAL DENTURES | LOVELY M | 1ST |
| 21 | 3204 | REVIEW OF REMOVABLE PARTIAL DENTURES | LOVELY M | 1ST |
| 22 | 3252 | SMILE DESIGN: A GUIDE FOR CHILDREN, CEREMAST, AND PATIENT | CHICHE | 1ST |
| 23 | 3253 | AN ATLAS OF REMOVABLE | STRATTON | 1ST |

| | | | | |
|----|------|--|---------------------|----------|
| | | PARTIAL DENTURE DESIGN | | |
| 24 | 3254 | PROSTHETIC REHABILITATION | KEITH F.THOMAS | 1ST |
| 25 | 3673 | REMOVABLE PARTIAL PROSTHODONTICS | MILLAR | 1ST |
| 26 | 3808 | PROCELAIN LAMINATE VENEERS FOR DENTISTS AND TECHNICIANS | SMALES | 1ST |
| 27 | 3820 | DESIGN OF THE PARTIAL REMOVABLE DENTURE | JOSE LUIS | 1ST |
| 28 | 1317 | DENTAL TECHNICIAN | SYED | 1ST |
| 29 | 4018 | DENTAL IMPLANTS | NORTON | 1ST |
| 30 | 2295 | MCCRACKEN'S REMOVABLE PARTIAL PROSTHODONTICS | CARR | 11T H |
| 31 | 1798 | MCCRACKEN'S REMOVABLE PARTIAL PROSTHODONTICS | CARR | 10T H |
| 32 | 1797 | MCCRACKEN'S REMOVABLE PARTIAL PROSTHODONTICS | CARR | 11T H |
| 33 | 1261 | MCCRACKEN'S REMOVABLE PARTIAL PROSTHODONTICS | CARR | 11T H |
| 34 | 1283 | CLINICAL REMOVABLE PARTIAL PROSTHODONTICS | STEWARTE | 2ND |
| 35 | 2573 | INLAYS CROWNNS & BRIDGES: A CLINICAL HANDBOOK | KANTOROWICZ | 5TH |
| 36 | 1278 | SYLLABUS OF COMPLETE DENTURES | HEARTWELL | 4TH |
| | | <u>INDIAN TITLES</u> | | |
| 37 | 1320 | HAND BOOK OF COMPLETE DENTURE PROSTHODONTIC | KOTHAVADA | 1ST |
| 38 | 1811 | TOPPERS REMOVEBLE &FIXED PARTIAL PROSTHODONTICS | YAVAGAL | 1ST |
| 39 | 2284 | PROSTHOTIC TREATMENT OF THE EDENTULOUS PATIENT | RM BHASKAR | 1ST |
| 40 | 2721 | ESTHETIC COLOR TRAINING IN DENTISTRY | RADE D. PARAVINA | 1ST |

| | | | | |
|--------------------------------|------|---|----------------------|------|
| 41 | 3212 | MCQS FOR P.GS IN PROSTHODONTICS | VINAYA S BHAT | 1ST |
| <u>DENTAL MATERIALS</u> | | | | |
| <u>FOREIGN TITLES</u> | | | | |
| 42 | 205 | APPLIED DENTAL MATERIAL | JOHN Mc.CABE | 1ST |
| 43 | 823 | DENTAL MATERIALS : PROPERTIES AND MANUPULATION | CRAIG | 7TH |
| 44 | 2004 | PHILLIPS TEXT BOOK OF DENTAL MATERIALS | ANUASVICE | 8TH |
| 45 | 3068 | PHILLIPS SCIENCE OF DENTAL MATERIALS | ANUSAVICE | 11TH |
| 46 | 8990 | CRAIG'S RESTORATIVE DENTAL MATERIALS | CRAIGS | 12TH |
| 47 | 2340 | DENTAL MATERIALS : PROPERTIES AND MANUPULATION | CRAIG'S | 5TH |
| 48 | 4693 | PHILLIPS SCIENCE OF DENTAL MATERIALS | ANUSAVICE | 5TH |
| 49 | 4697 | PHILLIPS SCIENCE OF DENTAL MATERIALS | ANUSAVICE | 12TH |
| <u>INDIAN TITLES</u> | | | | |
| 50 | 542 | MATERIALS IN RESTORATIVE DENTISTRY | PARAMESWARAN | 1ST |
| 51 | 63 | A TEXTBOOK OF DENTAL MATERIAL | SATISH CHANDRA | 1ST |
| <u>IMPLANTOLOGY</u> | | | | |
| 52 | 2698 | DENTAL IMPLANTS PROSTHODONTICS | CARL MISH | 1ST |
| 53 | 2720 | IMPLANTS PROSTHODONTICS | EDWARD J FREDRICKSON | 1ST |
| 54 | 3031 | MANUAL OF DENTAL IMPLANTS | SARMENT | 1ST |
| 55 | 3047 | BONE CRAFTING IN ORAL IMPLANTOLOGY-TECH & CLI. APPROACH | FEDRICO | 1ST |

| | | | | |
|-------------------------|------|--|----------------------|-----|
| 56 | 3256 | IMPLANT OVERDENTURES: THE STANDARD OF CARE FOR EDENTULOUS PATIENTS | FEINE | 1ST |
| 57 | 3268 | IMPLANTS IN QUALITATIVELY COMPROMISED BONE | GEORG WATZEK | 1ST |
| 58 | 3269 | BONE AUGMENTATION IN ORAL IMPLANTOLOGY | FOUAD KHOURY | 1ST |
| 59 | 3270 | SOFT TISSUE AND ESTHETIC CONSIDERATIONS IN IMPLANT THERAPY | ANTHONY G. SCLAR | 1ST |
| 60 | 3320 | OVERDENTURES MADE EASY: A GUIDE TO IMPLANT AND ROOT SUPPORTED PROTHESI | HAROLD W. PREISKEL | 1ST |
| 61 | 3327 | IMPLANT PROSTHODONTICS: A CLINICAL & LABORARTARY PROCEDURES | STEVENS | 2ND |
| 62 | 3709 | ITI TREATMENT GUIDE - VOL-I : IMPLANT THERAPY IN THE ESTHETIC ZONE SI | D.BALSW | 1ST |
| 63 | 3710 | I.T.I TREATMENT GUIDE - VOL - II | D.BELSW | 1ST |
| 64 | 3711 | OSSEOINTEGRATION AND AUTOGENOUS ONLAY BONE GRAFTS: RECONSTRUCTION OF | PER-INGVAR BRANEMARK | 1ST |
| 65 | 3821 | COLOR ATLAS OF DENTAL IMPLANT SURGERY | BLOCK | 2ND |
| 66 | 3822 | INTRODUCING DENTAL IMPLANTS | HOBKIRK | 1ST |
| 67 | 4043 | IMPLANT DENTISTRY: FROM FAILURE TO SUCCESS | ZINNER | 1ST |
| <u>DENTISTRY</u> | | | | |
| 68 | 174 | MOSBY DENTAL DICTIONAARY | MOSBY | 1ST |
| 69 | 2657 | MEDICAL PROBLEMS IN DENTISTRY | C.SCULLY | 5TH |
| 70 | 2702 | A CUNSUMER'S GUIDE TO DENTISTRY | CHRISTENSEN | 1ST |

| | | | | |
|------------------------------|------|--|---------|-----------------|
| 71 | 4247 | TREATMENT PLANNING IN DENTISTRY | NESBIT | 2ND |
| 72 | 2656 | MEDICAL PROBLMMS IN DENTISTRY | SCULLY | 5TH |
| 73 | 4117 | DENTAL MANAGEMENT OF THE MEDICALLY COMPROMISED PATIENT | LITTLE | 7TH |
| 74 | 3187 | MEDICAL EMERGENCIES IN THE DENTAL OFFICE | MALAMED | 5 TH |
| 75 | 85 | MEDICAL EMERGENCIES IN THE DENTAL OFFICE | MALAMED | 1 ST |
| TOTAL BOOKS: 75 BOOKS | | | | |

- b) Internet facilities for staff and students
- c) Total number of class rooms
- d) Class rooms with ICT facility and ‘smart’ class rooms
- e) Students’ laboratories
- f) Research laboratories
- Detailed enclosed

38. List of doctoral, post-doctoral students and Research Associates

Nil

39. Number of post graduate students getting financial assistance from the university.

Nil

40. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

41. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Faculty gives feedback on curriculum and teaching learning evaluation through structured feedback designed by the institution. In addition faculty provides feedback on library, infrastructure and organizational climate. Feedback is collected on all courses and programs. Through these feedbacks necessary information about the curriculum, teaching learning and evaluation is availed and necessary corrective actions initiated. From the analysis of feedback

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problem based learning, enrichment courses are initiated in all the departments. CPA cards are initiated. Library and online resources are used for teaching. Self directive learning measures are initiated.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Feedbacks are designed to be collected from students. Students submit feedback on performance of teacher. They also give feedback on courses, program and teaching learning evaluation. From these feedbacks library infrastructure upgraded, students project initiated, student research seed money initiated including evaluation reforms.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

The alumni give feedback on the programs, competence is gained and academic enrichment and continue dental education needed for improve. They give suggestion for institution improvement.

42. the distinguished alumni of the department (maximum 10)

- a. Dr. vamsi Krishna reddy
- b. Dr. gowtham
- c. Dr. reddynarasimha
- d. Dr. shalini
- e. Dr. premlatha
- f. Dr. manoj
- g. Dr. dhana Lakshmi
- h. Dr. suryanarayanamurthy
- i. Dr. Naveen
- j. Dr. Rahul
- k. Dr. saritha

43. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Details enclosed

| | | |
|-----------|---|---|
| 2014-2015 | 1 | A two day work shop on denture characterization |
| 2011-2012 | 1 | Hands on workshop on BPS system |

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44. List the teaching methods adopted by the faculty for different programs including clinical teaching.

As per DCI norms and University regulations

45. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

46. Highlight the participation of students and faculty in extension activities.

47. Give details of “beyond syllabus scholarly activities” of the department.

48. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- a. Faculty
- b. Library facilities
- c. Infrastructure
- d. Clinical material
- e. Management support

Weaknesses

The department periodical evaluates its performance & anticipates the problematic areas well in advance and finds effective solutions in case they arise. Presently there are no areas of weakness.

Opportunities

- Special cases reference from medical field

Challenges

- MFP clinic
- Department research center
- Phd guidance programme

51. Future plans of the department



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Evaluative Report of the Department

- 1. Name of the Department:** Pedodontics and Preventive Dentistry
- 2. Year of establishment:** UG:2001; PG: 2006
- 3. Is the Department part of a college/Faculty of the university?:** College
- 4. Names of programs offered:**

UG: Bachelor of Dental Surgery (BDS)

PG: Master of Dental Surgery (MDS) (Paedodontics and Preventive Dentistry)

- 5. Interdisciplinary programs and departments involved:**

- a. PG students will attend postings related to Anesthesia and Pediatrics.
- b. Case discussions are conducted whenever multidisciplinary approach is required with other departments viz.

- i. Department of Oral medicine, diagnosis and radiology
- ii. Department of Oral & Maxillofacial Surgery
- iii. Department of Conservative dentistry and Endodontics
- iv. Department of Periodontology
- v. Department of Orthodontics and Dentofacial Orthopedics
- vi. Department of Oral Pathology & Microbiology

for children with special health care needs requiring multi-disciplinary approach for consultation, diagnosis and treatment planning; children and adolescents with endodontic/periodontal problems; children and adolescents needing orthodontic interventions (preventive & interceptive orthodontics); children and adolescents requiring diagnosis of benign cysts and tumors and advanced radiographic interpretations (OPG, Digital radiography); surgically excised biopsy specimens requiring histological interpretations. Etc.,

- c. Interdisciplinary discussions with Public Health Dentistry, for planning and execution of research projects of mutual interest.

- 6. Courses in collaboration with other universities, industries, foreign institutions, etc.**
NIL.

- 7. Details of programs discontinued, if any, with reasons:** All the programmes run by the department are being continued and no course has been discontinued.

- 8. Examination System:** The BDS programme follows the annual system of examination and Pedodontics will be at the end of the Final BDS. The MDS examination is conducted at the end of the 3 years as per Dr NTRUHS, AP.,.

- 9. Participation of the department in the courses offered by other departments:** Yes.

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The department participates in the CDE programs of mutual interest, conducted by other departments of the campus medical and dental colleges

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|-----------------------------|------------|--------|------------------------------|
| Professor | 2 | 4 | 4 |
| Associate Professor/ Reader | 4 | 2 | 2 |
| Assistant Professor | 2 | 7 | 7 |

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

| Name | Qualification | Designation | Specialization | No. of Years of Experience | No. of PhD/ MDS Students guided in the last 4years |
|-----------------------|---------------|--------------|----------------|----------------------------|--|
| Dr. N. Sivakumar | MDS | Prof & Head | Pedodontics | 24 | 10 |
| Dr. S.V.S. G. Nirmala | -do- | Professor | -do- | 19 | 6 |
| Dr. Roshan DJ Rayen | MDS | -do- | -do- | 11 | Nil |
| Dr. V. Yamini | -do- | -do- | -do- | 13 | 1 |
| Dr. MS Saravanakumar | -do- | Reader | -do- | 7 | Nil |
| Dr. K Rekhakshmi | -do- | -do- | -do- | 5 | 1 |
| Dr. Ramasubbareddy | -do- | Sr. Lecturer | -do- | 3 | Nil |
| Dr. Dedeepya P | -do- | -do- | -do- | 3 | Nil |
| Dr. Sailaja P | -do- | -do- | -do- | 3 | Nil |
| Dr. Shivapriya O | -do- | -do- | -do- | 2 | Nil |
| Dr. A Swetha | -do- | -do- | -do- | 2 | Nil |

| Name | Qualification | Designation | Specialization | No. of Years of Experience | No. of PhD/ MDS Students guided in the last 4years |
|----------------------|---------------|-------------|----------------|----------------------------|--|
| Dr. Md. Akhil Quadar | -do- | -do- | -do- | 1 | Nil |
| Dr. Sindhu Y | -do- | -do- | -do- | 1 | Nil |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Adjunct faculty: Dr. Sreekanth Kumar Mallineni, BDS (DrNTRUHS), MDS (HK), Adv DipPaediatrDent (HK), M Phil (Ind)

13. Percentage of classes taken by temporary faculty – program-wise information: No classes are taken by temporary faculty. All classes are taken by permanent faculty.

14. Program-wise Student Teacher Ratio: BDS:1:23; MDS: 1:2

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

| | Sanctioned | Filled | Actual |
|----------------------|------------|--------|---------------|
| Technical staff | - | - | 1 (Nurse) |
| Administrative Staff | - | - | - |
| Supporting Staff | - | - | 2 (Attendees) |

16. Research thrust areas as recognized by major funding agencies:

Area: Behavioral Sciences related to Pediatric dentistry, Preventive Pediatric Dentistry, Infant Oral health, however, these areas are not recognized by any major funding agencies.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

The department is not currently involved in any ongoing research projects and none of the faculty is involved in any projects with external funding

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18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

The department had conducted a two center study in collaboration with Dept. of Pedodontics, Meenakshi Ammal Dental College, Chennai during 2011-12, **Validation of a novel behavior prediction scale: A two-center trial.**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

There are presently no projects funded by ICMR; DST-FIST; UGC, DBT, ICSSR, etc

20. Research facility / centre with

- state recognition
- national recognition
- international recognition

The research facilities in the campus includes, an Advanced Research Center (ARC) facility recognized by the DST.

21. Special research laboratories sponsored by / created by industry or corporate bodies

Advanced Research Center of Narayana Medical Institutions

22. Publications: Paedodontics and Preventive Dentistry

* Number of papers published in peer reviewed journals (national/ international) :

63 – National: 40; International: 23

2015-2016 01

1. Kalasandhya Vanjari, Sivakumar Nuvvula, Rekhakshmi Kamatham. Prediction of canine and premolar size using the widths of various permanent teeth combinations: A cross-sectional study. Contemporary Clinical Dentistry 2015;6, Suppl S2:210-20

2014-2015 09

1. M. Kiranmayi, S. V. S. G. Nirmala, Sivakumar Nuvvula. Appraisal of the remineralizing potential of child formula dentifrices on primary teeth: An in vitro pH cycling model. Contemporary Clinical Dentistry 2015;6:S81-5. PMID: PMC4374326

2. Nirmala SVSG, Sandeep Chilamakuri, Chaitanya Pavuluri, Sivakumar Nuvvula, Sindhuri Veluru. Ectrodactyly: A rare anomaly of limbs. Journal of Dr. NTR University of Health Sciences 2015;4:53-5

3. Sreekanth Kumar Mallineni, Sivakumar Nuvvula. Management of supernumerary teeth in children: A narrative overview of published literature. Journal of Cranio Maxillary Diseases

2015;4:62-8.

4. S.V.S.G. Nirmala, Vimala Devi Popuri, Sandeep Chilamakuri, Sivakumar Nuvvula, Sindhuri Veluru, M.S. Minor Babu. Oral health concerns with sweetened medicaments: Pediatricians' acuity. *Journal of International Society of Preventive and Community Dentistry* 2015;5:35-9. PMID: PMC4355848
5. S.V.S.G. Nirmala, Sandeep Chilamakuri, Ramasubba Reddy Challa, Sivakumar Nuvvula, Neeraj Gokhale. Recurrent Mandibular Supplemental Premolars: A Case Report with 5 Year Follow Up and Review of Literature. *Journal of Clinical and Diagnostic Research* 2015;9(2): ZD04-ZD06.
6. Chaitanya Pavuluri, Sivakumar Nuvvula, Rekha Lakshmi Kamatham, SVSG Nirmala. Comparative Evaluation of Microleakage in Conventional and RMGIC Restorations following Conventional and Chemomechanical Caries Removal: An in vitro Study. *International Journal of Clinical Pediatric Dentistry* 2014;7:172-175. PMID: 25709296 [PubMed]
7. Sivakumar Nuvvula, Kumar Raja Gaddam, Bhumireddy Jayachandra, Sreekanth Kumar Mallineni. A rare report of mandibular facial talon cusp and its management. *Journal of Conservative Dentistry* 2014; 17:499-502. PMID: 25298658 [PubMed]
8. Sharath Asokan, Sharmila Surendran, Dedeepya Punugoti, Sivakumar Nuvvula, PR Geetha Priya. Validation of a novel behavior prediction scale: A two-center trial. *Contemporary Clinical Dentistry* 2014;5:514-7. PMID:25395769 [PubMed]
9. Kumar Raja Gaddam, Sivakumar Nuvvula, Saipriya Pala, Rekhakshmi Kamatham. Knowledge and attitudes on early childhood oral health among medical and dental graduate students. *Journal of Education and Ethics in Dentistry* 2014;4:18-22.

2013-2014 09

1. Sivakumar Nuvvula, Kumar Raja Gaddam, Rekhakshmi Kamatham. Efficacy of tranexamic acid mouthwash as an alternative for factor replacement in gingival bleeding during dental scaling in cases of hemophilia: A randomized clinical trial. *Contemporary Clinical Dentistry* 2014;5:49-53. PMID: 24808695 [PubMed]
2. Rekhakshmi Kamatham & Sivakumar Nuvvula. Expression of Carabelli trait in children from Southern India – A cross sectional study. *Journal of Forensic Dental Sciences* 2014;6:51-7. PMID: 24696590 [PubMed]
3. SVSG Nirmala, Sivakumar Nuvvula, Kishore Kumar, Minor Babu, Sandeep Chilamakuri. Osteosarcoma of mandible in a 10-year-old girl. *Journal of Indian Society of Pedodontics and Preventive Dentistry* 2014;32: 74-8. PMID: 24531608 [PubMed]

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5. SVSG Nirmala, Kumar Raja Gaddam, P Vimaladevi, Sivakumar Nuvvula. Protostylid: A case series. *Contemporary Clinical Dentistry* 2013; 4:349-52. PMID: 24124302 [PubMed]
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2012-2013 05

1. SVSG Nirmala, Sandeep C, Sivakumar Nuvvula, Sreekanth K Mallineni. Mandibular hypo-hyperdontia: A report of three cases. *Journal of International Society of Preventive and Community Dentistry* 2013; 3: 92-6. PMID: 24778987[PubMed]
2. Mathew VB Madhusudhana, K, Sivakumar N, Venugopal T, Reddy RK. Anti-microbial efficiency of silver diamine fluoride as an endodontic medicament- an ex vivo study. *Contemporary Clinical Dentistry* 2012;3: 262-4. PMID: 23269692 [PubMed]
3. S.V.S.G. Nirmala, Lalitha Velpula, Sivakumar Nuvvula, Sreekanth K Mallineni. An unusual occurrence of geminated primary tooth with talon's cusp. *Journal of Dr. NTR University of Health Sciences* 2012; 1: 187-91.
4. G Shilpa, Sivakumar Nuvvula, Niraj Gokhale, V Yamini. Concomitant solitary median maxillary central incisor and fused right mandibular incisor in primary dentition. *Contemporary Clinical Dentistry* 2012;3: S203-5. PMID: 23230364 [PubMed]
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2011-2012 08

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various disinfectants on microbially contaminated tooth brushes due to brushing. Contemporary Clinical Dentistry 2011; 2: 302-7. PMID: 22346157 [PubMed]

2. Ashok Kumar Talapaneni, Karnati Praveenkumar, Pradeep Babu Kommi, Sivakumar Nuvvula, Interceptive orthopedics for the correction of maxillary transverse and sagittal deficiency in the early mixed dentition period: A case report. Contemporary Clinical Dentistry 2011; 2: 331-6. PMID: 22346162 [PubMed]

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International publications

2015-2016 01

SVSG Nirmala, Sindhuri Veluru, Sivakumar Nuvvula, Sandeep Chilamakuri. Preferences of dentist's attire by anxious and nonanxious Indian children. J Dent Child 2015; 82(2):97-101.

2014-2015 03

1. Sreekanth K. Mallineni, Sivakumar Nuvvula, Alex C. H. Cheung, Radhika Kunduru. A comprehensive review of the literature and data analysis on hypo-hyperdontia. Journal of Oral Science 2014;56:295-302. PMID: 25500927 [PubMed]
2. Sivakumar Nuvvula, Swetha Alahari, Rekhakshmi Kamatham, Ramasubba Reddy Challa. Effect of audiovisual distraction with 3D video glasses on dental anxiety of children experiencing administration of local analgesia: a randomised clinical trial. European Archives of Paediatric Dentistry 2014 Sep 26. [Epub ahead of print] PMID: 25256207 [PubMed]
3. Kumar Raja Gaddam, Sivakumar Nuvvula, Sunkara Nirmala, Rekhakshmi Kamatham. Oral health status among 6-12 year old haemophilic children- An educational intervention study. Haemophilia. 2014;20(4):e338-41. PMID: 24750487 [PubMed]

2013-2014 10

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2. SVSG Nirmala, RS Reddy, Sivakumar Nuvvula, S Alahari, S Chilamakuri. Peripheral ossifying fibroma. El Mednifico Journal 2014; 2 (2): 153-155.
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5. SVSG Nirmala, SK Mallineni, Sivakumar Nuvvula. Pre-maxillary hypo-hyperdontia: report of a rare case. *Romanian Journal of Morphology & Embryology* 2013; 54(2): 443-5. PMID: 23771096 [PubMed]
6. Sharath Asokan, Sivakumar Nuvvula. Bringing out our inner child. *British Dental Journal* 2013; 214(10):486-7. PMID:23703166 [PubMed]
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9. Swapna Manepalli, Sivakumar Nuvvula, Rekhakshmi Kamatham, Sunkara Nirmala. Comparative efficacy of a self-report scale and physiological measures in children's dental anxiety. *Journal of Investigative and Clinical Dentistry* 2013. doi: 10.1111/jicd.12046. PMID: 23766146 [PubMed]
10. Sivakumar Nuvvula. Commentary on Standards of care for orofacial clefts. *Journal of Cranio-Maxillary Diseases* 2013; 2: 103-4.

2012-2013 03

1. Ashok Kumar Talapaneni & Sivakumar Nuvvula. The association between posterior unilateral crossbite and craniomandibular asymmetry: A systematic review. *Journal of Orthodontics* 2012; 39: 279-91. PMID: 23269692 [PubMed]
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3. Sivakumar Nuvvula & Rekhakshmi Kamatham. Treatment of anterior crossbite in the primary dentition with esthetic crowns: report of 3 cases. *Letters to Editor, (Comment on Pediatr Dent. 2011 Jul-Aug; 33:339-42.) Pediatric Dentistry* 2012; 34: 17-8. PMID: 22353448 [PubMed - indexed for MEDLINE]

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2011-2012 02

1. Rekhilashmi Kamatham, J Sharada, Abinash Mohapatra, Sivakumar Nuvvula. Multiple supernumerary teeth associated with bony malformations. Journal of Clinical Pediatric Dentistry 2011;36(2):207-10. PMID: 22524086 [PubMed - indexed for MEDLINE]
2. Abinash Mohapatra, Sivakumar N. Acetate peel technique for evaluation of microleakage. Journal of Clinical Pediatric Dentistry 2011; 35: 283-8. [PubMed - indexed for MEDLINE]

2010-2011 01

Sivakumar Nuvvula. Ectopia or Concomitant hypohyperdontia? Letter to the Editor, Journal of Orthodontics 2010; 37: 316-7. PMID: 21186313 [PubMed - indexed for MEDLINE]

* Monographs

* Chapters in Books: 10 (Dr Sivakumar -03; Dr Nirmala-04; Dr Rekhilakshmi-03)

* Books edited: 01 (Dr N Sivakumar)

* Books with ISBN with details of publishers:

MS Muthu & N Sivakumar Eds. Pediatric Dentistry: Principles and Practice 2nd Edition, Elsevier; ISBN-10: 8131228185, ISBN-13: 978-8131228180 Released on 1st January 2011.

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

* Citation Index – range / average

* SNIP

* SJR

| Source ID | Title | SNI P 201 3 | SJR 201 3 |
|----------------|--|----------------------|-----------------|
| 58001795 85 | European Archives of Paediatric Dentistry (Two articles) | 0.58 | 0.48 3 |
| 22891 | Pediatric Dentistry (Two articles) | 0.78 4 | 0.50 4 |
| 25668 | Journal of Clinical Pediatric Dentistry (Two articles) | 0.45 4 | 0.32 7 |

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| | | | |
|-----------------|--|-----------|-----------|
| 26170 | Journal of Orthodontics (Two articles) | 0.83 3 | 0.65 3 |
| 21100205 701 | Journal of investigative and clinical dentistry (Two articles) | - | 0.19 1 |
| 25963 | Haemophilia (One article) | 1.16 7 | 1.15 |
| 26158 | Journal of Oral Science (One article) | - | 0.49 2 |
| 83472 | Romanian Journal of Morphology and Embryology (One article) | 0.62 9 | 0.31 4 |
| 25583 | Journal of the Indian Society of Pedodontics and Preventive Dentistry (Six articles) | 0.72 5 | 0.27 1 |
| 19900192 552 | Journal of Conservative Dentistry (Three articles) | 0.51 8 | 0.34 3 |

* Impact Factor – range / average

* h-index

| Sl. No. | Faculty name | Google Scholar | | | Research Gate | | |
|---------|-------------------|-----------------|-----------|---------|---------------|----------|---------------|
| | | Total Citations | i10 index | h-index | Citations | RG score | Impact points |
| 1 | Sivakumar Nuvvula | 420 | 18 | 13 | 218 | 20.86 | 7.66 |
| 2 | SVSG Nirmala | 95 | 03 | 05 | 45 | 18.31 | 3.83 |
| 3 | Roshan Rayen | NA | NA | NA | 43 | 5.33 | 0.80 |
| 4 | Rekhalakshmi K | 15 | 00 | 02 | 08 | 10.80 | 4.59 |

23. Details of patents and income generated

No patents have been filed by the department and hence no income has been generated

24. Areas of consultancy and income generated

The department provides consultancy in four urban/rural health centers run by the dental college and department provides dental screening and care to many rural and urban schools free of cost.

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25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad

Dr Sivakumar Nuvvula has been selected as external examiner for College of Dental Surgery (CODS), BP Koirala Institute of Health Sciences (BPKIHS), Dharan, Nepal; He is also BDS/MDS external examiner and paper setter for various South Indian Universities, Bharti Vidyapeeth University, Pune, Baba Fareed University, Punjab and MM University, Mullana-Ambala, Haryana.

Dr SVSG Nirmala has been selected as BDS/MDS external examiner for different universities of South India

Dr Yamini, Dr Roshan Rayen, Dr Rekhalakshmi and Dr Saravana Kumar also served as external examiners for BDS.

26. Faculty serving in

a) National committees

Dr Sivakumar Nuvvula: has served as Executive member, Vice-president and **President of the Indian Society of Pedodontics and Preventive dentistry (ISPPD)**; Served as **member of board of PG studies** in dentistry for The TN Dr MGR Medical University, Meenakshi University in Chennai and Dr NTR University of Health Sciences, AP.

b) International committees - Nil

c) Editorial Boards

Dr Sivakumar Nuvvula is the **Associate Editor** of the PubMed indexed national journal, **Contemporary Clinical Dentistry**; Editorial board member of Journal of Indian Society of Pedodontics and Preventive Dentistry, Journal of Conservative Dentistry, International Journal of Clinical Pediatric Dentistry, Cumhuriyet Dental Journal (Turkey). Served as editorial board member of Indian Journal of Dental Research.

d) any other (Peer reviewer) -- **Dr Sivakumar Nuvvula** is a peer reviewer for many international and national journals. **Dr Nirmala** is a peer reviewer for Journal of Indian Society of Pedodontics and Preventive Dentistry, **Dr Rekhalashmi** is peer reviewer for BMC Oral Health and Contemporary Clinical Dentistry.

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

The Department conducts regular CDE programmes, Hands-on workshops, Symposium etc. to update the knowledge and skills of the faculty. They are also deputed to such programmes conducted outside the college.

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28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

Virtually 100% of the students undertake in-house projects

- percentage of students doing projects in collaboration with other universities / industry / institute

Presently, there are no projects done in collaboration with other universities / Institutions / industries in India and abroad.

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

2015-16 04

- PG Students: Best paper awards to Dr. Anupam Saha on 'Children's preference of isolation methods: Does cognitive levels influence?'
- Dr. D. Rupak Kumar on 'Building future: Child's view on Pediatric dentists and dental care', at 37th ISPPD Conference, Raipur.
- UG Student: Best paper award: K. Tejaswini, III BDS for 'Applications of Stem Cells in Pediatric Dentistry' at Extract 15, AP State UG Conference, Vijayawada.
- Best paper award: K. Tejaswini, III BDS for 'Stem Cells Applications in Regenerative Therapy' at National Oral Medicine & Radiology UG Conference, Chennai.

2014-2015 02

Faculty: Annual research award to Dr Sivakumar Nuvvula by Narayana Medical Institutions

- PG Student: Best poster award to Dr. D. Rupak kumar on Attachment profiles in pediatric dentistry, 36th ISPPD Conference, Lucknow.
- UG Student: Best poster award to Pradeepa P, Intern., for 'Bronfen Benners Theory' at National UG Conference, Rajahmundry.

2013-2014 02

PG Students:

- Best paper award to Dr. Kumar Raja Gaddam, 35th ISPPD Conference, September 2013, Jaipur.
- Best paper award to Dr. Lakshmi Sindhuri Veluru, 35th ISPPD Conference, September 2013, Jaipur

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Dr Sivakumar Nuvvula (Prof & HoD) has received Fellowship from International College of Dentists (ICD) India, Srilanka & Nepal Section, Pierre Fauchard Academy (PFA), India section as well as Academy of General Education (AGE), Manipal. He has also received annual research award for 2014 from the Narayana Medical Institutions, Nellore.

PG students had won national level quiz competition at 7th ISPPD PG convention at Udaipur, 2010 (Dr Niraj Gokhale, Dr Kiranmayi and Dr Dedeepya); they have also achieved two best paper awards at ISPPD national conference held at Jaipur in 2013 (Dr Kumar Raja and Dr VL Sindhuri), a best poster award at ISPPD national conference at Lucknow in 2014 (Dr Rupak) and two best paper awards at ISPPD national conference, Raipur in 2015 (Dr Anupam Saha & Dr Rupak).

UG Students: Best poster award to Pradeepa P, Intern, for 'Bronfen Benners Theory' at National UG Conference, Rajahmundry in 2014 and two best paper awards for K Tejaswini, III BDS, at Extract 15, AP State UG Conference, Vijayawada and National Oral Medicine & Radiology UG Conference, Chennai., guided by the department.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

2015-2016 02

Sivakumar Nuvvula:

1. 36th AP State Dental Conference, Ongole; 18th to 20th December 2015.
2. 37th ISPPD Conference, Raipur; 8th to 10th October 2015.

Postgraduate Students: 1. 37th ISPPD Conference, Raipur; 8th to 10th October 2015.

2014-2015 03

Sivakumar Nuvvula:

1. Dr NTR UHS Zonal CDE Program, NDC, Nellore, 28th June 2015.
2. PEDOZEST, 12th National ISPPD PG Convention, Tumakuru, 27th February 2015.
3. 36th ISPPD Conference, Lucknow, 14th October 2014.

Postgraduate Students:

1. PEDOZEST, 12th National ISPPD PG Convention, Tumakuru, 27th February 2015.
2. 36th ISPPD Conference, Lucknow, 14th October 2014.

2013-2014 04

Sivakumar Nuvvula:

1. Refine CDE program at Ragas Dental College, Chennai, 26th February 2014.
2. Pedofest 2013, Intercollege CDE program at Priyadarshini Dental College, Thiruvallur,



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TN, 22nd November 2013.

3. 35th ISPPD Conference, Jaipur, 26th September 2013.
4. Dr. NTRUHS CDE program by Dept. of Pedodontics, SIBAR Dental College, Guntur, AP. India, 12th July 2013.

Post graduate Students:

1. 35th ISPPD Conference, Jaipur, 26th September 2013.

2012-2013 02

Sivakumar Nuvvula:

1. Dr. NTRUHS CDE program by Dept. of Pedodontics, MNR Dental College, Sangareddy, AP. India, 25th February 2013.
2. CDE program by IDA Prakasam Branch at Ongole A.P. India, 16th December 2012.

2011-2012 02

Sivakumar Nuvvula:

1. 33rd National ISPPD Conference, Mangalore, 5th November 2011.
2. CDE Program at Sri Ramachandra University, Chennai, 6th July 2011.

SVSG Nirmala:

33rd National ISPPD Conference, Mangalore, 5th November 2011.

2010-2011 06

1. CDE Program at Drs S&N Siddhartha Institute of Dental Sciences, Vijayawada, 30th May 2011.
2. 8th National ISPPD PG Convention, Salem, 27th February 2011.
3. All India Dental Students Conference, Vijayawada, 7, 8th January 2011.
4. AP PG CDE Program at Sri Vishnu Dental College, Bhimavaram, 29th December 2010.
5. 32nd National ISPPD Conference & IAPD Regional Meet, Amritsar, 12, 13, 14th November 2010.
6. 'Nutrodontics for KIDZ' at Sri Ramachandra University, Chennai, 25th August 2010.

Workshops conducted

| | | |
|-----------|----|-------------------------------|
| 2014-2015 | 02 | Dr NTR UHS Zonal CDE Programs |
| 2013-2014 | 02 | Dr NTR UHS Zonal CDE programs |
| 2012-2013 | 02 | Dr NTR UHS Zonal CDE programs |
| 2011-2012 | 02 | Dr NTR UHS Zonal CDE programs |

The department has organized 6th National ISPPD PG Convention in July 2009, and organizes regular CDE Programmes under the auspices of Dr NTR University of Health Sciences, AP twice or thrice every year.

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31. Code of ethics for research followed by the departments

The institutional ethics committee examines and approves proposals for research. The ethical guidelines of ICMR, the Helsinki declaration and guidelines on animal use by CPCSEA are followed.

32. Student profile program-wise:

| Name of the Program (refer to question no. 4) | Applications received | Selected | | Pass percentage | |
|--|--------------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| BDS | | | | | |
| MDS | | | | | |

33. Diversity of students

| Name of the Program (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|--|--|--|---|------------------------------------|
| BDS | | | | |
| MDS | | | | |

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Since BDS/ MDS programmes being professional courses, the students either progress to higher studies or take up to professional studies and teaching. The central council does not prescribe NET, SET, and GATE as requirement as teaching, however, one of our BDS student cleared civil services and is under training for IPS.

35. Student progression

| Student progression | Percentage against enrolled |
|-------------------------------|-----------------------------|
| UG to PG | |
| PG to M.Phil, DM / M Ch / DNB | |
| PG to Ph.D. | |
| Ph.D. to Post-Doctoral | |

| Student progression | Percentage against enrolled |
|--|-----------------------------|
| Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment | |
| Entrepreneurs | |

36. Diversity of staff

| Percentage of faculty who are graduates | |
|--|--|
| of the same university | |
| from other universities within the State | |
| from universities from other States | |
| from universities outside the country | |

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

No faculty have been awarded M.Phil, Ph.D., D.Sc and D.Litt in the last 3 years.

38. Present details of departmental infrastructural facilities with regard to

a) Library — 101 textbooks and Online journal facility from Ebscohost and ProQuest for journals.

| <u>DEPT.NAME: PEDODONTICS</u> | | | | |
|---|------------|---|-----------|-----|
| BOOKS AVAILABLE IN DEPARTMENTAL LIBRARY | | | | |
| S.N O | ACC.N O | TITLE OF THE BOOK | AUTHOR | ED |
| <u>PEDODONTICS</u> | | | | |
| | | <u>FOREIGN EDITIONS</u> | | |
| 1 | 87 | PEDIATRIC DENTISTRY | PINKHAM | 3RD |
| 2 | 322 | CLINICAL PEDODONTICS | FINN | 1ST |
| 3 | 1025 | DENTISTRY FOR CHILD AND ADOLESCENT | Mc.DONALD | 7TH |
| 4 | 2148 | DENTISTRY FOR CHILD AND ADOLESCENT | Mc.DONALD | 8TH |
| 5 | 2354 | HAND BOOK OF PEDIATRIC DENTISTRY | CAMERON | 1ST |
| 6 | 2407 | CLINICAL PROBLEMS SOLVING IN ORTHODONTICS &PEDIATRIC | MILLETT | 1ST |

| | | | | |
|----|--------|---|---------------------|------|
| | | DENTISTRY | | |
| 7 | 2890 | HUMAN DEVELOPMENT | PAPALIA | 9TH |
| 8 | 2891 | CHILD DEVELOPMENT | SANTROCK | 11TH |
| 9 | 2892 | CHILD DEVELOPMENT | BERK | 7YH |
| 10 | 2893 | THE DEVELOPING CHILD | BEE | 10TH |
| 11 | 2898 | PEDIATRIC DENTISTRY | PINKHAM | 4TH |
| 12 | 2923 | PEDIATRIC ORAL & MAXILLOFACIAL SURGERY | KABAN | 1ST |
| 13 | 2979 | TB AND COLOR ATLAS OF TRAUMATIC INJURIES TO THE TEETH | ANDREASON | 1ST |
| 14 | 3314 | FUNDAMENTALS OF PEDIATRIC DENTISTRY | MATHEWSON | 3RD |
| 15 | 3795 | SPECIAL CARE IN DENTISTRY | SCULLY | 1ST |
| 16 | 3798 | PERIODONTAL MANAGEMENT OF CHILDREN ADOLESCENTS AND YOUNG ADULTS | CLERHUGH | 1ST |
| 17 | 3801 | TEXT OF PEDIATRIC DENTISTRY | DAMLE | 1ST |
| 18 | 4451 | DENTISTRY FOR CHILD AND ADOLESCENT | Mc.DONALD | 9TH |
| 19 | 4545 | PEDIATRIC DENTISTRY: INFANCY THROUGH ADOLESCENCE, 4E | PINKHAM | 4TH |
| 20 | 4571 | DENTISTRY FOR THE CHILD AND ADOLESCENT, 9E | MC DONALD | 9TH |
| 21 | 4573 | HAND BOOK OF PAEDIATRIC DENTISTRY, 3E | CAMERON | 3ED |
| 22 | 4621 | PEDIATRIC DENTISTRY , 2E | KOCH | 2ED |
| 23 | XERO X | PEDIATRIC DENTAL MEDICINE | DONOLD J. FORRESTER | |
| 24 | XERO X | MANAGEMENT OF DENTAL BEHAVIOUR IN CHILDREN | LOUIS W. RIPA | |
| 25 | XERO | CHILD MANAGEMENT IN DENTISTRY | GERALD Z. | |

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|----|-----------|---|----------------------|-----|
| | X | | WRIGHT | |
| 26 | XERO X | PEDIATRIC DENTISTRY | THOMAS K. BARBER | |
| 27 | XERO X | PEDIATRIC DENTISTRY: TOTAL PATIENT CARE | STEPHEN H.Y.WEI | |
| 28 | XERO X | UNDERSTANDING DENTAL CARIES (1.ETIOLOGY AND MECHANISMS BASIC & CLINICAL ASPECTS) | GORDON NIKI FORUK | |
| 29 | XERO X | UNDERSTANDING DENTAL CARIES (1. BASIC & CLINICAL ASPECTS) | GORDON NIKI FORUK | |
| | | <u>INDIAN EDITIONS</u> | | |
| 30 | 1029 | TB OF PEDIATRIC DENTISTRY | DAMLE | 2ND |
| 31 | 1031 | TB OF PEDIATRIC DENTISTRY | DAMLE | 2ND |
| 32 | 1034 | TB OF PEDODONTICS | SATISH CHANDRA | 1ST |
| 33 | 1038 | TB OF PEDODONTICS | SHOBHA TANDON | 3RD |
| 34 | 2366 | MCQ'S PEDODONTICS | VERMA | 1ST |
| 35 | 3401 | MULTIPLE CHOICE QUESTION : IN PEDIATRIC DENTISTRY | MUTHU | 1ST |
| 36 | 3506 | DENTAL CARE FOR CHILDREN | ANIL KOHLI | 1ST |
| 37 | 3966 | PEDIATRIC DENTISTRY: PRINCIPLES & PRACTICE | MUTHU, SIVA KUMAR | 1ST |
| 38 | 3967 | PEDIATRIC DENTISTRY: PRINCIPLES & PRACTICE | MUTHU, SIVA KUMAR | 1ST |
| 39 | 4550 | TEXT BOOK OF PEDODONTICS, 2E | SHOBA TANDON | 2ND |
| 40 | 4553 | PRINCIPLES AND PRACTICE OF PEDODONTICS, 3E | ARTHI RAO | 3RD |
| 41 | 4558 | TEXT BOOK OF PEDIATRIC DENTISTRY, 4E | S.G.DAMLE | 4TH |
| 42 | 4565 | PEDIATRIC DENTISTRY: PRINCIPLES & PRACTICE, 2E | MUTHU & SIVAKUMAR | 2ED |
| 43 | 4617 | J G S MINI ATLAS OF PEDODONTICS | MARWAH | 1ST |

| <u>PSYCHOLOGY</u> | | | | |
|-----------------------------------|--------|---|-----------------|------|
| 44 | 2390 | MUNN'S INTRODUCTION PSYCHOLOGY | FERNOLD | 5TH |
| 45 | 2886 | A HISTOLOGY OF PSYCHOLOGY | LEACHEY | 6TH |
| 46 | 2889 | PSYCHOLOGY ESSENTIALS | SANTROCK | 2ND |
| <u>NUTRITION</u> | | | | |
| 47 | 2899 | NUTRITION AND CHILD DEVELOPMENT | K.E.ELIZABETH | 3RD |
| 48 | 2802 | WILLIAM'S BASIC NUTRITION & DIET THERAPY | STACI NIX | 12TH |
| 49 | 2803 | NUTRITION IN CHILDREN | SACHDEV | 1ST |
| 50 | 521 | NUTRITIVE VALUES OF INDIAN FOODS | C.GOPALAN | 1ST |
| <u>COMMUNITY DENTISTRY</u> | | | | |
| 51 | 1762 | PARK'S TB.OF PREVENTIVE AND SOCIAL MEDICINE | K.PARK | 17TH |
| 52 | 2805 | CLINICAL EPIDEMIOLOGY | BRAIN | 3RD |
| 53 | 2807 | BASIC & CLINICAL BIOSTATISTICS | BETH DAWSON | 3RD |
| 54 | 3796 | FLUORIDES IN CARIES PREVENTION | J.J.MURRAY | |
| 55 | 1754 | ESSL. OF PREVENTIVE AND COMMUNITY DENTISTRY | SOBEN PETER | 2ND |
| 56 | XERO X | BIOSTATS BASIC: A STUDENTS HAND BOOK | | |
| 57 | XERO X | PRIMARY PREVENTIVE DENTISTRY | NARMAN O HARRIS | 6TH |
| <u>ORTHODONTICS</u> | | | | |
| 58 | 2780 | REMOVABLE ORTHODONTIC APPLIANCES | ISSACSON | 1ST |
| 59 | 2782 | ORTHODONTIC MANAGEMENT OF UNCROWDED CLASS II DIV 1 MALOCCLUSION | JOHN C BENNETT | 1ST |
| 60 | 2904 | CONTEMPORARY ORTHODONTICS | PROFFIT | 4TH |
| 61 | 2905 | | GRABER | 4TH |
| 62 | 4602 | ORTHODONTIC CURRENT PRINCIPLES & TECHNIQUES (INDIAN) | GRABER | 5TH |
| 63 | 4607 | CONTEMPORARY ORTHODONTICS , 4E | PROFFIT | 4TH |

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|---------------------------------------|-----------|---|--------------------------|-----|
| 64 | XERO X | MOYER'S ORTHODONTICS | MOYERS | |
| 65 | XERO X | ORTHODONTICS AND ORTHOPEDIC TREATMENT IN THE MIXED DENTITION | MC NORNARA,BRU DON | 6TH |
| <u>CONSERVATIVE DENTISTRY</u> | | | | |
| 66 | 2620 | STURDEVANTS ART& SCIENCE OF OPERATIVE DENTISTRY | ROBERSON | 4TH |
| 67 | 2789 | PATHWAYS OF PULP | COHEN | 4TH |
| 68 | 2790 | DENTAL CLINICAL ADVISOR | JAMES R.HUPP | 1ST |
| <u>ANAESTHESIA</u> | | | | |
| 69 | 2602 | PRACTICAL CONSCIOUS SEDATION | DAVID CRAIG | 1ST |
| 70 | 2801 | SEDATION : A GUIDE TO PATIENT MANAGEMENT | MALAMED | 4TH |
| 71 | 3507 | HAND BOOK OF NITROUS OXIDE AND OXYGEN SEDATION | MORRIS CLARK | 2ND |
| <u>DA&DH</u> | | | | |
| 72 | 2828 | DENTAL EMBRYOLOGY HISTOLOGY & ANATOMY | MARY BATH- BALOGH | 2ND |
| 73 | 3747 | TB OF ORAL & MAXILLOFACIAL ANATOMY HISTOLOGY & EMBRYOLOGY | PRABHU | 1ST |
| <u>DENTAL MATERIALS</u> | | | | |
| 74 | 2829 | DENTAL INSTRUMENTS (A POCKET GUIDE) | BEYD | 1ST |
| 75 | 2887 | DENTAL MATERIALS | CRAIG | 8TH |
| 76 | 3744 | DENTAL BIO MATERIALS | CURTIS | 1ST |
| <u>GENERAL DENTISTRY BOOKS</u> | | | | |
| 77 | 335 | INFECTION CONTROL IN DENTAL PRACTICE | ANIL | 1ST |
| 78 | 384 | DIAGNOSTIC PROCEDURE IN DENTISTRY | PRAMOD K. DAYAL | 1ST |

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|----|-----------|---|-----------------------|-----|
| 79 | 527 | HAND BOOK OF MEDICAL EMERGENCIES | A.C. TRIPATHI | 1ST |
| 80 | 1198 | AIIMS DENTAL P.G ENTRANCE EXAMINATION | SOIN | 2ND |
| 81 | 1212 | MCQ IN DENTISTRY | BAL C.S | 1ST |
| 82 | 1213 | MCQ IN DENTISTRY | BAL C.S | 1ST |
| 83 | 1221 | DRUG DICTIONARY FOR DENTISTRY | MEECHAN | 1ST |
| 84 | 1226 | POCKET BOOK OF CLINICAL DENTISTRY | IVOR G.CHESTRUFF | 2ND |
| 85 | 1233 | REVIEW OF DENTISTRY(VOL-1) | DAWAN | 1ST |
| 86 | 1234 | CLINICAL DENTISTRY | BANSAL | 1ST |
| 87 | 1253 | DENTAL SECRETS | SONIS | 00 |
| 88 | 1414 | REVIEW OF DENTISTRY(VOL-2) | DAWAN | 1ST |
| 89 | 2736 | MASTERS DENTISTRY VOL 2 | HEESMAN | 1ST |
| 90 | 2830 | A PRACTICAL GUIDE TO MEDICAL TEACHERS | DENT | 2ND |
| 91 | 2888 | REVIEW OF BASIC SCIENCE & CLINICAL DENTISTRY | WELLS | 1ST |
| 92 | 3094 | PRACTICAL DENTISTRY | BALWANT RAI | 1ST |
| 93 | 3468 | STEDMAN'S MEDICAL DICTIONARY FOR THE DENTAL PROFESSIONS | | 1ST |
| 94 | 3726 | ESSENTIAL HUMAN DISEASE FOR DENTISTRY | CHRIS SPREAT | 1ST |
| 95 | 3740 | ISN'T WONDERFUL WHEN PATIENT SAYS YES | HOMOLY | 1ST |
| 96 | XERO X | DENTISTRY AND THE HANDICAPED PATIENT | KENNETH E. WESSELS | 1ST |
| 97 | XERO X | CARIOLOGY | EMEST NEWBRUN | |
| 98 | XERO X | PERIODONTOLOGY 2000: VOL26, YEAR 2001 | | |
| 99 | XERO X | PRACTICAL FORENSIC ODONTOLOGY | CLARK | |

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|-----|-----------|--|---------------------------|--|
| 100 | XERO X | ORAL HEALTH & HIV /AIDS: A RESEARCH MANUAL | AVNI HEALTH FOUNDATION | |
| 101 | XERO X | PAEDIATRIC DENTISTRY: VOL 31, 2, MAR-APR 2009 | | |
| | | TOTAL BOOKS : 101 books | | |

| <u>LIBRARY BOOK LIST</u> | | | | |
|-----------------------------|---|----------------------------|------------------|---------|
| <u>(ACCESSION WISE)</u> | | | | |
| <u>DEPT. OF PEDODONTICS</u> | | | | |
| SL.N O | TITLE OF THE BOOK | AUTHOR | ED | QT Y |
| 1 | A HISTORY OF PSYCHOLOGY : MAIN CURRENT IN PSYCHOLOGICAL THOUGHT | THOMAS HARDY LEACHEY | 6 TH | 1 |
| 2 | A MANUAL PAEDIATRIC DENTISTRY | ANDLAW | 4 TH | 1 |
| 3 | AN ATLAS OF DENTOFACIAL ORTHOPEDECS FOR THE GROWING CHILD | MORE | | 1 |
| 4 | AN ATLAS OF DENTOFACIAL ORTHOPEDECS FOR THEGROWING CHILD | DARC SAADIA | 1 ST | 1 |
| 5 | AN ILLUSTRATED GUIDE TO DENTAL CARE FOR THE MEDICALLY COMPROMESSED PATI | GRUNDY | 1 ST | 1 |
| 6 | ANTIBIOTIC AND ANTIMICROBIAL USE IN DENTAL PRACTICE | NEWMAN | 2 ND | 1 |
| 7 | BURGERSTEINS HANDBOOK OF NUTRITIO MICRONUTRIENTS IN THEPREVENTION | ZIMMERMAN | 1 ST | 1 |
| 8 | CHILD DEVELOPMENT | BERK | 7 TH | 1 |
| 9 | CHILD DEVELOPMENT | SANTROCK | 11 TH | 1 |
| 10 | CHILD MANAGEMENT IN CLINICAL | JAWDEKAR | 1 ST | 1 |

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| | DENTISTRY | | | |
| 11 | CHILD TAMING: HOW TO MANAGE CHILDREN IN DENTAL PRACTICE | BARHAVA L. CHADWICK | 1 ST | 1 |
| 12 | CHILDRENS AND THEIR DEVELOPMENT | KAIL | 1 ST | 1 |
| 13 | CLEFT PALATE SPEECH | PETERSON | 4 TH | 1 |
| 14 | CLINICAL PEDODONTICS | FINN | 4 TH | 7 |
| 15 | CLINICAL PROBLEM SOLVING IN ORTHODONTICS AND PAEDIATRIC DENTISTRY | MILLET | 1 ST | 5 |
| 16 | COLOR ATLAS OF OROFACIAL HEALTH AND DISEASE IN CHILDREN AND ADOLESCENT | SCULLY | 2 ND | 1 |
| 17 | CRANIOFACIAL EMBRYOGENETICS AND DEVELOPMENT | SPERBER | 2 ND | 1 |
| 18 | DELMARS HAND BOOK OF ESSENTIAL SKILLS AND PROCEDURES FOR DENTAL ASSIS | PHINNEY | 1 ST | 1 |
| 19 | DENTAL CARE FOR CHILDREN | ANIL KOHLI | 1 ST | 3 |
| 20 | DENTAL OFFICE ADMINISTRATION, WITH DVD ROM | IRLBACHER GIRTEL | 1 ST | 1 |
| 21 | DENTISTRY FOR THE CHILD AND ADOLESCENT | MC.DONALD | 6TH 7TH 8TH 9TH | 27 |
| 22 | EARLY CHILDREN ORAL HEALTH | BERG | 1 ST | 1 |
| 23 | EMERGENCY GUIDE FOR DENTAL AUXILIARIES | CHERNEGA | 3 RD | 1 |
| 24 | EPIDEMIOLOGY | LEON GORDIS | 3 RD | 1 |
| 25 | EPIDEMIOLOGY,BIOSTATISTICS AND PREVENTIVE MEDICINE | JEKEL | 3 RD | 1 |
| 26 | ESSENTIAL HUMAN DISEASE FOR DENTIST | CHRIS SPROAT | 1 ST | 1 |
| 27 | ESSENTIAL OF DENTAL CARIES | KIDD | 3 RD | 1 |
| 28 | ESSENTIAL OF PEDODONTICS | TILAKRAJ | 1 ST | 1 |

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|----|--|-----------------|----------------------------|---|
| 29 | ESSENTIAL SKILLS FOR DENTISTS | PETEN A. MOSSEY | 1ST | 1 |
| 30 | ESTHETIC COLOR TRAINING IN DENTISTRY | PARAVINA | 1 ST | 1 |
| 31 | FLUORIDES IN CARIES PREVENTION | MURREY | 3 RD | 3 |
| 32 | FUNDAMENTALS OF PAEDIATRIC DENTISTRY | MATHEWSON | 3 RD | 5 |
| 33 | GROWING UP CAVITY FREE | STEPHEN J. MOSS | 1 ST | 1 |
| 34 | HAND BOOK OF NITROUS OXIDE AND OXYGEN SEDATION | MORRIS CLARK | 2 ND | 1 |
| 35 | HAND BOOK OF PAEDIATRIC DENTISTRY | CAMERON | 1ST 2ND 3 RD | 4 |
| 36 | HAND BOOK OF PEDIATRIC NUTRITION | SAMOUR | 3 RD | 1 |
| 37 | HUMAN DEVELOPMENT | PAPALIA | 1 ST | 1 |
| 38 | ISNT IT WONDERFUL WHEN PATIENTS SAY YES CASE ACCEPTANCE FOR COMPLETE | PAUL HOMOLY | 1 ST | 1 |
| 39 | J G S MINI ATLAS OF PEDODONTICS | MARWAH | 1 ST | 3 |
| 40 | KENEDYS PAEDIATRIC OPERATIVE DENTISTRY | CURZON | 4 TH | 6 |
| 41 | LIPPINCOTT WILLIAMS & WILKINS DENTAL DRUG REFERENCE WITH CLINICAL IMPLICATIONS | PICKETT | 2 ND | 1 |
| 42 | MANAGEMENT OF PAIN AND ANXIETY IN THE DENTAL OFFICE | DIONNE | 1 ST | 1 |
| 43 | MANAGING DENTAL TRAUMA IN PRACTICE | WELBURY | 1 ST | 1 |
| 44 | MASTER DENTISTRY: RESTORATIVE DENTISTRY PAEDIATRIC DENTISTRY AND ORTHO | PETER HEASMAN | 1ST 2ND | 2 |
| 45 | MCQ IN PEDODONTICS | VARMA | 1 ST | 4 |

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| 46 | MEDICAL EMERGENCIES IN DENTISTRY | BENNET | 1 ST | 1 |
| 47 | MULTIPLE CHOICE QUESTIONS IN PEDIATRIC DENTISTRY | MUTHU | 1 ST | 4 |
| 48 | NELSON TEXT BOOK OF PEDIATRICS | BEHARMAN | 17 TH | 1 |
| 49 | NELSONS TEXT BOOK OF PEDIATRICS VOL:1 & 2 | BEHARMAN | 16 TH | 2 |
| 50 | NETTER'S HEAD AND NECK ANATOMY FOR DENTISTRY | NORTON | 2 ND | 1 |
| 51 | NUTRITION AND CHILD DEVELOPMENT | ELIZABETH | 3 RD | 1 |
| 52 | NUTRITION FOR A HEALTHY MOUTH | SRODA | 1 ST | 1 |
| 53 | NUTRITION IN CHILDREN (DEVELOPING COUNTRY CONCERN) | SACHDEV | 1 ST | 2 |
| 54 | NUTRITION IN CLINICAL DENTISTRY | NIGEL,PAPAS | 3 RD | 1 |
| 55 | ORAL PSYCHOPHYSIOLOGY : STRESS, PAIN AND BEHAVIOR IN DENTAL CARE | ELI | 1 ST | 1 |
| 56 | PAEDIATRIC CARDIOLOGY : ORTHODONTICS-2 | DEERY | 1 ST | 1 |
| 57 | PAEDIATRIC DENTISTRY | WELBURY | 1ST 3RD 4 TH | 4 |
| 58 | PAIN CONTROL:FOR DENTAL PRACTINERS | PAARMANN | 1 ST | 1 |
| 59 | PEDIATRIC DENTISTRY : A CLINICAL APPROACH | KOCH | 2 ND | 3 |
| 60 | PEDIATRIC DENTISTRY(INFANCY THROUGH ADOLESCENCE) | PINKHAM | 3RD & 4TH | 16 |
| 61 | PEDIATRIC DENTISTRY: PRINCIPLES & PRACTICE | MUTHU, SIVA KUMAR | 1ST & 2ND | 17 |

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| 62 | PEDIATRIC ENDOCRINOLOGY AND GROWTH | JEREMY KH WALES | 2 ND | 1 |
| 63 | PEDIATRIC LASER DENTISTRY (Q) | OLIVI | | 1 |
| 64 | PEDIATRIC ORAL AND MAXILLOFACIAL SURGERY | KABAN | 1 ST | 4 |
| 65 | PERIODONTAL MANAGEMENT OF CHILDREN, ADOLESCENTS AND YOUNG ADULTS | VALERIE.CLERH UGH | 1 ST | 1 |
| 66 | PRIMARY PREVENTIVE DENTISTRY | NORMAN O HARRIS | 6 TH | 1 |
| 67 | PRINCIPLES AND PRACTICE OF PEDODONTICS | ARATHI RAO | 1 ST , 2 ND & 3 RD | 10 |
| 68 | PROFESSIONAL PREVENTION IN DENTISTRY - ADVANCE IN DENTISTRY-1 | HEASMAN | 1 ST | 1 |
| 69 | PROMOTING CHILDREN'S ORAL HEALTH THEORY AND PRACTICE | ABLBERY SHEIHAM | 1 ST & 2 ND | 2 |
| 70 | PSYCHOLOGY ESSENTIALS | SANTROCK | 2 ND | 1 |
| 71 | RESEARCH WRITING IN DENTISTRY | ANTHONY YON | 1 ST | 1 |
| 72 | RESTORATIVE TECHNIQUES IN PEDIATRIC DENTISTRY | M S DUGGAL | 2 ND | 1 |
| 73 | SPECIAL CARE IN DENTISTRY: HAND BOOK OF ORAL HEALTH | CRISPIAN SCULLY | 1 ST | 2 |
| 74 | STEDMAN MEDICAL DICTIONARY FOR THE DENTAL PROFESSIONS | STEDMEND | 1 ST | 1 |
| 75 | TEXT BOOK OF PEDIATRIC DENTISTRY | S.G.DAMLE | 2 ND , 3 RD & 4 TH | 19 |
| 76 | TEXT BOOK OF PEDODONTICS | SHOBA TANDON | 1 ST & 2 ND | 13 |
| 77 | TEXT BOOK OF PEDODONTICS (WITH 500 MCQ) | SATISH CHANDRA | 1 ST | 4 |
| 78 | THE DEVELOPING CHILD | BEE | 10 TH | 1 |
| 79 | TISSUE PRESERVATION IN CARIES TREATMENT | TOMAS O.ALBREKTSSO | 1 ST | 2 |

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| 80 | TREATMENT PLANNING FOR THE DEVELOPING DENTITION | RODD | 1 ST | 1 |
| 81 | WILLIAMS BASIC NUTRITION AND DIET THERAPY | STACI NIX | 12 TH | 2 |
| | TOTAL | | | 229 |

Dept. of Pedodontics

(JOURNALS AVAILABLE IN CENTRAL LIBRARY)

FOREIGN JOURNALS:

01. JOURNAL OF CLINICAL PAEDIATRIC DENTISTRY
02. PEDIATRIC DENTISTRY
03. JOURNAL OF DENTISTRY FOR CHILDREN
04. INTERNATIONAL JOURNAL OF PEDIATRIC DENTISTRY
05. EUROPEAN JOURNAL OF PAEDIATRIC DENTISTRY
06. SPECIAL CARE DENTISTRY
07. CARIES RESEARCH

INDIAN JOURNALS:

01. JOURNAL OF THE INDIAN SOCIETY OF PEDODONTICS & PREVENTIVE DENTISTRY
02. INTERNATIONAL JOURNAL OF CLINICAL PEDIATRIC DENTISTRY

RELATED SPECIALITY JOURNALS :

01. AMERICAN JOURNAL OF ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS
02. JOURNAL OF CLINICAL ORTHODONTICS
03. JOURNAL OF ORTHODONTICS
04. EURO. JOURNAL OF ORTHODONTICS
05. SEMINARS IN ORTHODONTICS
06. TRIPLE”O” & ENDODONTICS
07. CLINICAL ORAL INVESTIGATIONS
08. EURO JOURNAL OF ORAL SCIENCE
09. ORAL DISEASES
10. ORAL RADIOLOGY SPINGER DENTISTRY JOURNAL
11. JOURNAL OF OROFACIAL PAIN

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12. JOURNAL OF ENDODONTICS
13. DENTAL TRAUMATOLOGY
14. INTERNATIONAL ENDODONTIC JOURNAL
15. OPERATIVE DENTISTRY
16. JOURNAL OF DENTAL MATERIALS
17. ENDODONTOLOGY
18. JOURNAL OF PERIODONTICS & RESTORATIVE DENTISTRY
19. JOURNAL OF ORAL PATHOLOGY & MEDICINE
20. ORAL ONCOLOGY
21. JOURNAL OF DENTAL RESEARCH
22. ORAL MICROBIOLOGY & IMMUNOLOGY

GENERAL JOURNALS:

01. DENTAL CLINICS OF NORTH AMERICA
02. DENTAL ABSTRACT
03. QUINTESSENCE INTERNATIONAL
04. JOURNAL OF DENTAL RESEARCH
05. JOURNAL OF AMERICAN DENTAL ASSOCIATION
06. DENTAL UPDATE

BACK VOLUMES:

01. INTERNATIONAL JNL. OF PAEDIATRIC DENTISTRY
YEAR: Vol :5-14 (1995-2004) 2006+2013+C... (17Yrs)
02. JOURNAL OF CLINICAL PEDIATRIC DENTISTRY
YEAR: 2001-Vol:29 2005+2013+ C... (11 Yrs)
03. PEDIATRIC DENTISTRY
YEAR: 2005+2013+C... (9yrs)
04. JOURNAL OF DENTISTRY FOR CHILDREN
YEAR: 2002-2006+2013+C... (11Yrs)
05. SPECIAL CARE DENTISTRY YEAR:1997-2010 +2013+C... (14yrs)
06. ISPPD YEAR:2002-05 +2013+C..
07. JOURNAL OF CALIFORNIA DENTAL ASSOCIATION YEAR 1999-2005
08. CARIES RESEARCH YEAR: 1997-2012+2013+C...(17 YRS)

BACK VOLUMES IN CD FORMET:

01. INTERNATIONAL JOURNAL OF PAEDIATRIC DENTISTRY 1991-2012

02. PEDIATRIC DENTAL JOURNAL 2004-12
03. JOURNAL OF DENTISTRY FOR CHILDREN 2002-12
04. PEDIATRIC DENTISTRY 2004-12
05. JOURNAL OF CLINICAL PEDIATRIC DENTISTRY 2000-2012
06. EUROPEAN JOURNAL OF PAEDIATRIC DENTISTRY 2001-2012
07. SPECIAL CARE DENTISTRY 1980-2012
08. PRIMARY DENTAL CARE 2000-2010
09. JOURNAL OF AMERICAN DENTAL ASSOCIATION 1997-2012

b) Internet facilities for staff and students -In addition to the facility in the department, the students and staff have access to the centralized e-learning/ computer center at central library, which has internet facility.

c) Total number of class rooms – The Department has no dedicated classroom, however, it makes use of class rooms available in the college which are allotted year wise for the undergraduate teaching. The Department has an air conditioned Seminar room with A-V aids for the purpose of Seminar presentation, group discussion, video demonstrations etc. for UG and PG training.

d) Class rooms with ICT facility and ‘smart’ class rooms -All classrooms, seminar rooms, and conference room are equipped with ICT facility with computer, LCD projector and public addressing system.

e) Students’ laboratories -Yes; College and department have students’ laboratories.

f) Research laboratories -The Department or college does not have a dedicated research laboratory, however, the faculty and students use the Advanced Research Centre (ARC) of the campus for research work.

EQUIPMENTS:

| NAME | SPECIFICATION | QTY. | Availability |
|-------------------------|--|--|--------------|
| Dental Chairs and Units | Electrically operated, spittoon attachment, Halogen Light with 2 intensity, high power motorized evacuation system, Air rotor with miniature hand piece, | 20 Chairs for UG students, One chair & unit per PG student and Two chairs & unit for Faculty, | 40 |

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| | Micro motor with miniature contra angle Hand piece, 3 way syringe, ultrasonic scaler with 3 tips, light cure unit LED based heat free, X-ray viewer, instrument tray, Dental Operator's stool with height adjustment (40% should pedo chair) | Two Chairs in special clinic | |
| Rubber Dam Kit | | 1 set per P.G. Student | 20 |
| Pedo extraction forceps | | 2 sets | 6 |
| Adult extraction forceps | | 2 sets | 6 |
| Amalgamator | | 1 | 3 |
| Endomotor | | 1 | 2 |
| Injectable GP condensation | | 1 | 2 |
| Pulp Tester | | 2 | 4 |
| Apex Locator | | 2 | 4 |
| SS crown kit | | 4 | 8 |
| Poly carbonate / strip crown kit | | 4 | 8 |
| Endodontic pressure syringe | | 2 | 4 |
| X-ray Viewer | | 1 | 2 |
| Hydro solder | | 1 | 1 |

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| Spot welder | | 2 | 5 |
| Chemo mechanical caries removal system | | 2 | 4 |
| Typhodont | | 1 set (Pedo + Permanent) per P.G. Student | 15 |
| Pliers i) Band forming ii) Band pinching iii) Ball and socket (No. 112) iv) Band removing v) Proximal contouring (No. 114) vi) Crimping plier | | 2 sets each | 5 |
| Computer with internet, Scanner and Printer | Pentium IV | 1 | 2 |
| Sterilization i) Autoclave ii) Glass bead sterilizer iii) Ultrasonic cleaner iv) Needle destroyer v) Fomalin chamber | Front loading | 1 3 2 2 2 | 2 6 2 4 2 |
| <u>MINOR OT EQUIPMENTS/INSTRUMENTS</u> | | | |
| RVG | | 1 | 1 |
| X-ray machine | | 1 | 1 |

| | | | |
|---|--|---|---|
| Automatic developer | | 1 | 1 |
| Conscious sedation unit | (Desirable) | 1 | 1 |
| Electronic anaesthesia | | 1 | 1 |
| Pulse oxymeter | | 1 | 1 |
| Emergency drugs tray | | 1 | 1 |
| Magnifying loupes | | 3 | 6 |
| PEDO PG LAB | | | |
| Phantom table with phantom heads with attached light, airtor and micromotor | | 3 | 5 |
| Plaster dispenser | 1 for plaster and 1 for stone | 2 | 2 |
| Vibrator | | 2 | 2 |
| Model trimmer | (double disc one diamond and one carborandum disc) | 1 | 2 |
| Lab micromotor | | 2 | 4 |
| Acrylizer | | 1 | 2 |

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university -Nil
- b) from other institutions/universities – One

40. Number of post graduate students getting financial assistance from the university.

No PG student has been given financial assistance by the university.

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

The department has not developed methods for Psychological management.

42. Does the department obtain feedback form?

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Faculty gives feedback on curriculum and teaching learning evaluation through structured feedback designed by the institution. In addition faculty provides feedback on library, infrastructure and organizational climate. Feedback is collected on all courses and programs. Through these feedbacks necessary information about the curriculum, teaching learning and evaluation is availed and necessary corrective actions initiated. From the analysis of feedback problem based learning, enrichment courses are initiated in all the departments. CPA cards are initiated. Library and online resources are used for teaching. Self directive learning measures are initiated.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Feedbacks are designed to be collected from students. Students submit feedback on performance of teacher. They also give feedback on courses, program and teaching learning evaluation. From these feedbacks library infrastructure upgraded, students project initiated, student research seed money initiated including evaluation reforms.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

The alumni give feedback on the programs, competence is gained and academic enrichment and continue dental education needed for improve. They give suggestion for institution improvement.

43. List the distinguished alumni of the department (maximum 10) (Output from 2009)

Dr. C. Pujitha – Reader at MNR Dental College, Sangareddy, Telangana

Dr. Usha Konidala – Reader at St Joseph Dental College, Elur, AP

Dr MS Minor Babu– Reader at Lenora Dental College, Rajahmundry, AP

Dr Lalitha Velpula – Consulting Pediatric Dentist, Kuwait

Dr Sandeep A Bailwad- Assistant Professor at Malaysia

Dr Tejas H Melkote – Reader at SVS Dental College, Mahboobnagar, Telangana

Dr Niraj Gokhale– Reader at KLE’s Dental College, Belgaum, Karnataka

Dr Kiranmayi M - Reader at G Pullareddy Dental College, Kurnool, AP

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Dr Chaitanya Pavuluri – Consulting Pediatric Dentist at Hyderabad

Dr Ramasubba Reddy C – Asst Professor, Narayana Dental College, Nellore, AP

Dr Shivapriya O - Asst Professor, Narayana Dental College, Nellore, AP

Dr Swetha Alahari - Asst Professor, Narayana Dental College, Nellore, AP

Dr Md Akhil Quadar - Asst Professor, Narayana Dental College, Nellore, AP

Dr Sandeep Chilamakuri- Asst Professor, Sri Sai Dental College, Srikakulam, AP

Dr Kumara Raja – Consulatant Pediatric Dentist, Little Mouth, Vijayawada, AP

Dr Sai Priya Pala - Consulatant Pediatric Dentist, Ahmedabad, Gujarat

Dr Sindhuri Veluru - Consulatant Pediatric Dentist, Vijayawada, AP

Dr Jayachandra M - Consulatant Pediatric Dentist, Proddatur, AP

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

2014-2015 03

Behavioral Sciences related to Dentistry; Communication Skills for Dental Students; Practice Management in Pediatric Dentistry

2013-2014 03

Behavioral Sciences related to Dentistry; Communication Skills for Dental Students; Practice Management in Pediatric Dentistry

2012-2013 03

Behavioral Sciences related to Dentistry; Communication Skills for Dental Students; Practice Management in Pediatric Dentistry

2011-2012 02

Behavioral Sciences related to Dentistry; Communication Skills for Dental Students

2010-2011 01

Behavioral Sciences related to Dentistry

The following workshops were conducted for UG & PG Students

1. Emergencies in dental practice
2. Rotary Endodontics in Pediatric Dentistry
3. Lasers in Pediatric Dentistry

CDEs :

1. Diagnosis and management of Supernumerary teeth in children
2. Aversive conditioning in Pediatric Dentistry
3. Basic Biostatistics for dental postgraduate students

4. Clinical Photography for dental postgraduate students
5. Myofunctional appliance therapy for children and adolescents
6. Communication Skills for dental PG students
7. Diagnosis and Management of Impacted canines

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

In addition to conventional didactic lecture method, the faculty members use MCQs/ quiz, seminar, panel discussion, small group discussion, chair side discussions, one to one discussion, hands on demonstration and power point presentations as methods of teaching.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

The Department/ Institution have a policy and practice of formative and summative assessment. These assessments are designed with a view to ensure that, the learning objectives are met and learning outcomes are monitored. Learning outcome are monitored and assessed constantly by vigilant staff by checking the Log books, having chair side discussions, conducting viva- voce, weekly and internal assessment tests, regular assessment during seminars & journal clubs; monthly assessment forms, university examinations and regular feedback from past and present students.

47. Highlight the participation of students and faculty in extension activities.

The department conducts urban and rural dental health camps and school health programmes, health talks for normal and differently abled children.

Department also conducts annual Children's oral health week coinciding with the Children's day the 14th of November.

48. Give details of "beyond syllabus scholarly activities" of the department.

The students are encouraged to participate in seminars, workshops etc. outside the curriculum for development of personal skills and interdisciplinary approach.

The post graduate students are required to compulsorily publish at least one paper in indexed journal during their training period.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

At present no programme / department is accredited / graded by other agencies

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Students are trained to develop communication skills needed for dental practice
- Articles and research papers are published in peer reviewed journals which have good impact factor.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

- Well experienced faculty in academics, clinical skills, research and publications
- Sufficient number of patients and variety of clinical materials
- Research papers published in peer reviewed national/ international journals on a regular basis
- Research papers/ guest lectures presented by faculty and PG students at various state/ national conferences and conventions
- Number of short-term projects/ studies being conducted

Weaknesses

The department periodical evaluates its performance & anticipates the problematic areas well in advance and finds effective solutions in case they arise. Presently there are no areas of weakness.

Opportunities

- To go for outreach programmes
- To present papers international conferences
- Increase alumni involvement in departmental activities

Challenges

- To treat the special children at their place of study/residence
- To integrate research with clinical work.
- To develop a data base for different oral and dental diseases/ conditions in Nellore and surrounding districts of AP.

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52. Future plans of the department

- To introduce short term courses on Biostatistics for dental students, Critical appraisal of published articles & Manuscript writing, Advances in pediatric dental care, Conscious sedation training, not only for the post graduates of the department but also offer the same to other institutions.
- To collaborate with other hospitals and special schools.
- To include areas such as special care dentistry and biochemical and microbiological research into the post graduate curriculum.
- To make the department a center for treatment of children with special health care needs (SHCN).

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Evaluative Report of the Department

1. Name of the Department

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

2. Year of establishment

2001

3. Is the Department part of a college/Faculty of the university?

Department is part of Narayana Dental College & Hospital, which is a part of Narayana Medical Institutions. It is affiliated to DR.NTRUHS University. All the teaching faculties are approved by the University.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

Undergraduate course: Bachelor of Dental Surgery (BDS)

Postgraduate course: Master of Dental Surgery (MDS), PUBLIC HEALTH DENTISTRY

5. Interdisciplinary programs and departments involved

- a. Case Discussions
- b. Seminars
- c. School Dental Health Programmes
- d. Dental Health care services at Three peripheral centers
- e. Dental Health education or awareness Camps

Departments involved are Department of Community Medicine, Department of Oral Medicine & Radiology and Department of Paedodontics.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

No such courses are followed

7. Details of programs discontinued, if any, with reasons

NIL

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

BDS –

Internal Examinations – 3 / year (Conducted by department)

External Examination (conducted by DR.NTR University of Health Sciences) – Annual (Every Year End)

MDS –

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Internal Examinations – Annual (conducted by department & also by University)

External Examination – At the end of 3 years (conducted by University)

9. Participation of the department in the courses offered by other departments

NIL

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|-----------------------------|------------|--------|------------------------------|
| Professor | 1 | 1 | |
| Associate Professor/Reader | 2 | 2 | |
| Assistant Professor | | | |
| Senior Lecturer | 2 | 2 | |
| Tutor / Clinical Instructor | 1 | 1 | |
| Senior Resident | | | |

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

| Name | Qualification | Designation | Specialization | No. of Years of Experience |
|----------------------------|---------------|--------------|----------------------------|----------------------------|
| Dr. V CHANDRASEKHARA REDDY | MDS | Professor | Public Health Dentistry | 14 YEARS |
| Dr. SUDHIR K.M | MDS | Reader | Public Health Dentistry | 7 YEARS |
| Dr. KRISHNA KUMAR RVS | MDS | Reader | Public Health Dentistry | 5 YEARS |
| Dr. G SRINIVASULU | MDS | Sr. Lecturer | Public Health Dentistry | 1 YEAR |
| Dr. SAHITHA | BDS | Tutor | | 3 YEAR |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - NIL

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13. Percentage of classes taken by temporary faculty – program-wise information

No temporary faculty

14. Program-wise Student Teacher Ratio

| Course | Student –Teacher Ratio |
|--------|------------------------|
| BDS | 25 : 1 |
| MDS | 3 : 1 |

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

| | Sanctioned | Filled |
|------------|------------|--------|
| Attainers | 2 | 2 |
| Hygienists | 1 | 1 |
| Nurses | 2 | 2 |
| Sweepers | 2 | 2 |

Hygienists:

Attenders:

Mrs. Renuka I

Miss. Ramya P

Sweeper:

Mrs. Pappamma

Mrs. Annapoorna

16. Research thrust areas as recognized by major funding agencies - NIL

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

2014-2015 2

1. Cost analysis of orthodontic care – Dr.Srinivasulu G
2. Evaluation of the erosive potency of a commercially available ice candies in India using an in-vitro erosive model.

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2013-2014

1. CAMBRA- As A Tool For Caries Risk Prediction Among 12 To 13 Years Old Institutionalized Children- A 2 Year Retrospective Study. – Dr. KM Sudhir
2. Tobacco use cessation interventions in dental schools, Chennai , India – Dr. Chandrasekhara Reddy
3. Patient awareness and attitude about the preventive oral health knowledge attending a dental clinic in Nellore City, Andhra Pradesh, India – Dr. RVS Krishna kumar

2012-2013

1. Is advertising an ethical practice in dentistry? Dr. RVS Krishna Kumar

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

NIL

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NIL

20. Research facility / centre with

- state recognition - NIL
- national recognition- NIL
- international recognition -NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies

NIL

22. Publications:

- * Number of papers published in peer reviewed journals (national / international) – 29 (National - 15 and International - 14)
- * Monographs- None
- * Chapters in Books- NIL
- * Books edited -NIL
- * Books with ISBN with details of publishers -NIL
- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO

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host, Medline, etc.)

- * Citation Index – range / average - 16.3 (4-39)
- * SNIP
- * SJR
- * Impact Factor – range / average
- * h-index – 1.6 (1-3)

NATIONAL PUBLICATIONS

2014-2015 2

1. Effect Of Oral Rehydration Solution On Salivary And Dental Plaque pH: An In-Vivo Study
2. Oral Health Literacy And Its Impact On Oral Health Status Among Institutionalised Elderly Population
3. Career satisfaction among dental practitioners in srikakulam, India. Journal of international society of preventive and community dentistry.

2013-2014 2

1. Edentulousness in Relation to Self-perceived General Health and Oral Health Among Institutionalized Elderly Population in Nellore City, Andhra Pradesh - Indian Journal of Gerontology
2. Effectiveness of oral health education among primary health care workers at a primary health centre in Nellore district, Andhra Pradesh, India –JIAPHD

2012-2013 9

1. Dental students perceptions towards dress code in a private dental institute in Andhra Pradesh- A cross sectional study - Journal of Education and Ethics in dentistry
2. Bullying perceptions of post graduate dental college students of Andhra Pradesh, India - Journal of Education and Ethics in dentistry
3. Edentulousness in relation to Perceived General Health and Oral Health among Institutionalized Elderly population in Nellore city of Andhra Pradesh. India - Dental Research Journal
4. One Year Follow Up Intervention Study Of Atraumatic Restorative Treatment (Art) Among 8-12 Year Old Rural Dravidian School Children, India. - JIAPHD
5. Patients' attitude towards dental clinical attire- a cross sectional community based study. - JIDA
6. Oral health status and treatment need among prison inmates of Nellore district of Andhra

Pradesh - Journal of Indian Association of Public Health Dentistry

7. Retrospective analysis of hospital records of cancer patients at an cancer institute in Nellore district Andhra Pradesh - Journal of Indian Association of Public Health Dentistry

8. Fear of pain among the patients reporting for the dental treatment at a dental hospital. - Journal of Indian Association of Public Health Dentistry

9. Facial profile attractiveness- perceptions among degree college students of Nellore city, A.P - Journal of Indian Association of Public Health Dentistry

2011-2012 2

1. Oral health related knowledge attitude and practices among the residents of Saraswathi Nagar, Nellore, Andhra Pradesh - Journal of Indian Association of Public Health Dentistry

2. Oral health status and treatment needs of institutionalized special subjects- a comparative study. - Journal of Indian Association of Public Health Dentistry

2010-2011 4

1. Relationship between dentition status and Body Mass Index among 5-15 years old age group children of an orphanage in Nellore city. - Journal of Indian Association of Public Health Dentistry

2. Oral health status of children with neoplasm's receiving anti neoplastic therapy in Bangalore. - Journal of Indian Association of Public Health Dentistry

3. Knowledge and Attitude about dental diseases and their prevention among primary and middle school teachers in urban and rural areas of Bangalore. - Journal of Indian Association of Public Health Dentistry

4. Prevalence and Impact of dental pain on quality of life among 12 year old school children of Nellore District, Andhra Pradesh. - Journal of Indian Association of Public Health Dentistry

INTERNATIONAL PUBLICATION

2014-2015 3

1. Oral Health Literacy and its impact on oral health status among institutionalized elderly population-IOSR Journal of Dental and Medical sciences

2. Effect of oral rehydration solutions on salivary and dental plaque pH: an vivo study-IOSR Journal of Dental and Medical sciences.

3. Oral Health Literacy and its relation to Oral Health status in Professional College Students - Journal of Oral Health & Preventive Dentistry.

2013-2014 2

1. The effectiveness of dental health education programme with and without involving self

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maintainable oral hygiene skills among visually impaired children. - International journal of scientific study

2. Relationship between Stimulated Salivary Factors, Dental Caries Status and Nutritional Condition among Institutionalized Elderly People. - Oral Health Dental Management

2011-2012 2

1. Pattern of Distribution of Enamel Fluorosis in Permanent Dentition - Journal of oral health and preventive dentistry.

2. Outcome Evaluation of a comprehensive dental health program in an institution at Nellore: Andhra Pradesh - Indian Journal of Dental Research

23. Details of patients and income generated -

| Year | No. of Patients NEW | No. of Patients OLD | TOTAL |
|------------|---------------------|---------------------|-------|
| 2014 -2015 | 2601 | 8816 | 11417 |
| 2015 | 1819 | 4739 | 6558 |

24. Areas of consultancy and income generated

| Nodal centre | Year | No. of Patients | Income |
|---------------|-----------|-----------------|--------|
| Venkatachalam | 2010-2015 | 7472 | |
| Sai Trust | 2012-2015 | 2472 | |
| | | | |

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NIL

26. Faculty serving in

a) National committees

1. Dr.R V S Krishna Kumar

Executive Committee Member

Indian Association of Public Health Dentistry

2. Dr.V.Chandrasekhar Reddy

a) Executive Committee Member

Indian Association of Public Health Dentistry

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b) Immediate Past President

IAPHD Tamil Nadu Chapter.

b) International committees

c) Editorial Boards

d) any other (specify)

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

| Date | Workshops attended | Faculty |
|----------|--|--|
| 2010 Dec | DCI WORK SHOP AT PANNANIA DENTAL COLLEGE AND HOSPITAL, HYDERABAD | <u>DrSudhir K.M</u> <u>Dr RVS Krishna kumar</u> |
| 2012 | CDE PROGRAMME AT MAMATHA DENTAL COLLGE, KAMMAM. | <u>Dr RVS Krishna kumar</u> |
| 2013 | CDE PROGRAMME AT Bapuji Dental College & Hospital | <u>DrSudhir K.M</u> |
| 2014 | Rotary Endodontic system - Protaper Next | <u>DrSudhir K.M</u> |
| 2014 | Advances in Endodontics | <u>DrSudhir K.M</u> |
| 2014 | CDE Program at Thai Moogambiga Dental College and Hospital | Dr. V. CHANDRASEKHARA REDDY |

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

NIL

- percentage of students doing projects in collaboration with other universities / industry / institute

NIL

2014-2015 7

- Oral Health Status of Rural Population in Nellore District, India- An Epidemiological Study.

2. Oral Health Literacy and its impact on oral health status among institutionalized elderly population
3. Effect of oral rehydration solution on salivary and dental plaque pH: an In-vivo study
4. Impact of alcohol dependency on oral health –A cross sectional comparative study
5. Utilization of dental health care services and its barriers among the patients visiting community health centres in Nellore district, Andhra Pradesh- a cross-sectional study.
6. Tooth loss prevalence and risk indicators among 35 to 44 year old people in kasumur village, Nellore district, Andhra Pradesh
7. Efficacy of Desensitizing Dentifrices on Dentinal Hypersensitivity- A Randomized Clinical Trial.

2013-2014 4

1. Erosive Tooth Wear Among 3-6 Year Old Kindergarten Children In Nellore District Of Andhra Pradesh.
2. Effectiveness Of Stevia As A Mouthrinse Among 12-15 Year Old Schoolchildren In Nellore District, Andhra Pradesh- A Randomized Controlled Trial.
3. Estimation of ph, total acid and ethanol content of commercially available alcohol containing mouthwashes and its effect on salivary ph
4. Early childhood caries prevalence and associated risk factors among preschool children of Nellore district,A.P-a cross-sectional study.

2012-2013 8

1. Root Caries Risk Assessment Among Subjects With Peridontal Disease Using Cariogram Study Model-A Cross Sectional Study.
2. Validation of cariogram computer model in predicting caries risk among 12-14 year old school children in nellore district of Andhra Pradesh.
3. Comparison Of Chemo-Mechanical And Conventional Method In Removal Of Caries Among 12-15 Years Old Childern- A Randomised Control Trial.
4. Caries severity in relation to caries risk assessment using cariogram computer model among young adolescents
5. Normative need in relation to perceived oral health among institutionalized elderly population in Nellore City, Andhra Pradesh
6. Assessing the impact of oral health on life quality among 12 year school children using CPQ 11-14 in Nellore district.
7. The level of procrastination among dental post graduate students in AndhraPradesh, India
8. Information seeking behaviours and perceived determinants towards research among

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faculty of post graduate dental institutions in South India - Acrosssectional survey

2011-2012 7

1. Oral Health Status And Treatment Needs Among Granite Quarry Workers Of Prakassam District ,A.P
2. Prevalence Of Oral Mucosal Lesions In Rural Areas Of Nellore District,A.P
3. Prevalence Of Wasting Diseases Of Teeth Among Battery Factory Workers In Tirupati,A.P
4. Oral health literacy and its relation to oral health status among professional college students of Nellore district in Andhra Pradesh
5. Edentulousness and its relation to perceived general and oral health among institutionalized elderly population in Nellore City, Andhra Pradesh
6. Relationship b/w stimulated salivary factors dc status and nutritional condition among institutionalized elderly people.
7. Bullying perception among postgraduate students of dental colleges, Andhra Pradesh, India

2010-2011 8

1. Qualitative And Quantitative Changes In Saliva Among Patients With Throid Dysfunction Prior To And Following Treatment Of Dysfunction.
2. Oral Health Status And Oral Health Related Quality Of Life Among Pregnant Women In Nellore City ,A.P
3. Prevalence Of Traumatic Injuries To Teeth Among 12-15 Yrs School Children In Nellore District ,A.P
4. Facial profile attractiveness perception among degree college students of Nellore City, Andhra Pradesh
5. Oral health status and treatment needs amongst prison inmates of Nellore district in Andhra Pradesh
6. Musculoskeletal disorders among dental practitioners in Nellore city, Andhra Pradesh
7. Fear of pain among the patients reporting for dental treatment at a dental hospital
8. Effectiveness of oral health education for primary health care workers at a primary health centre in Nellore district of Andhra Pradesh

29. Awards / recognitions received at the national and international level by

2014-2015 06

1. Best paper award at XIX IAPHD Conference at Cochin – Dr. Deepthi A

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2. Best paper award at IX IAPHD PG Convention at Nellore – Dr. Priyanka K
3. Best poster award at IX IAPHD PG Convention at Nellore – Deepthi A
4. Dr. S HarikrishnamRaju – Gold medal-2014
5. Dr. V. Chandra Sekhara Reddy Tarneja Award and NIPM Proficiency Medal, Karnataka Chapter Silver Jubilee Medal
6. Doctoral / post-doctoral fellows:
Dr.V.ChandraSekhara Reddy,
Ph.D Scholar, University of Madras, Chennai

2013-2014 1

1. Dr ASR Lahari – Gold medal 2013

2012-2013 2

1. Best paper award at XVII IAPHD Conference at Chennai – Dr. Rajesh
2. DrDhanyaMuralidharan – Gold medal 2012

2011-2012 1

1. DrSharath P – Gold medal 2011

2010-2011 3

1. Best paper award at XIV IAPHD Conference at New Delhi – Dr. Kirankumar
2. Best paper award at XIV IAPHD Conference at New Delhi – Dr. Dhanya
3. Dr RVS Krishna kumar – Gold medal 2010

Faculty

Dr. V. Chandra Sekhara Reddy
Tarneja Award and NIPM Proficiency Medal
Karnataka Chapter Silver Jubilee Medal

Doctoral / post doctoral fellows:

Dr.V.ChandraSekhara Reddy,
Ph.D Scholar,
University of Madras, Chennai.

Students

Dr. V. Siva Kalyan : Best poster award at XII IAPHD Conference at Kanpur
Dr. Kiran Kumar : Best paper award at XIV IAPHD Conference at New Delhi
Dr. DhanyaMurali: Best paper award at XIV IAPHD Conference at New Delhi
Dr. Rajesh: Best paper award at XVII IAPHD Conference at Chennai
Dr. Deepthi: Best paper award at XIX IAPHD Conference at Cochin
Dr. PriyankaK Best paper award at IX IAPHD PG Converntion at Nellore

Dr. Deepthi: Best poster award at IX IAPHD PG Converntion at Nellore.

LIST OF UNIVERSITY GOLD MEDALISTS FROM THE DEPARTMENT OF PUBLIC HEALTH DENTISTRY, NTR UNIVERSITY OF HEALTH SCIENCES

Dr RVS Krishna kumar -2010

DrSharath P -2011

DrDhanyaMuralidharan -2012

Dr ASR Lahari -2013

Dr S HarikrishnamRaju -2014

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

CONFERENCE/WORKSHOP ATTENDED

2014-2015 7

1. IX IAPHD National convention, Nellore
2. XX IAPHD National conference, Manipal.
3. XIX IAPHD National Conference , Cochin
4. VIII IAPHD National convention, Noida
5. State CDE at panineeya institute of dental sciences
6. CDE at Thai Moogambigai dental college
7. Workshop on research methodology at Narayana medical college

2013-2014 5

1. VIII IAPHD National conference, Lucknow
2. VII IPHD National Convention, Guntur
3. CDE at Sri Saicollege of dental surgery
4. Work shop at Bapuji Dental College, Davangere
5. CDE at Mamatha Dental College

2012-2013 3

1. XVII IAPHD National Conference, Chennai
2. VI IAPHD National Convention, Vikarabad
3. CDE at Sibar dental college

2011-2012 3

1. 1. XVI National IAPHD Conference, Bangalore
2. V IAPHD National Convention, Pune.
3. CDE at Mamatha dental college

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2010-2011 2

1. XV National IAPHD Conference, Mysore.
2. IV IAPHD National Convention, Mysore.

CONFERENCE/WORKSHOP CONDUCTED

2014-2015 2

1. IX IAPHD National Convention 2015, Nellore
2. ZONAL CDE PROGRAMME ON- EMERGENCY MANAGEMENT IN DENTAL OUTREACH PROGRAMS -28.12.2015 NELLOR

| Date | Event | Source of Funding |
|---|--|---|
| 28 December 2015 | Dr.NTRUHS CDE programs (conducted twice in a year) | DR.NTR University of Health Sciences & Management |
| 19 TH & 20 TH JUNE 2015 | IX IAPHD NATIONAL PG CONVENTION | |

31. Code of ethics for research followed by the departments

32. Student profile program-wise:

| Name of the Program (refer to question no. 4) | Applications received | Selected | | Pass percentage | |
|--|-----------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| | | | | | |
| | | | | | |

33. Diversity of students

| Name of the Program (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|--|--|--|---|------------------------------------|
| BDS | 65 | 20 | 15 | |
| MDS | 60 | 30 | 10 | |
| | | | | |

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34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

| Category | Student |
|----------|----------------------------|
| IAS | Dr.Vamsi (BDS)(2007 batch) |
| IELTS | Dr Hemanth (BDS)(2008) |

35. Student progression

| Student progression | Percentage against enrolled |
|--|----------------------------------|
| UG to PG | 50% |
| PG to M.Phil, DM / M Ch / DNB | NIL |
| PG to Ph.D. | NIL |
| Ph.D. to Post-Doctoral | NIL |
| Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment | All faculty via Campus selection |
| Entrepreneurs | NIL |

UG passing %

FINAL YEAR BDS

| Year of Exams | Total No. Appeared | Total No. Passed | Pass percentage (%) |
|---------------|--------------------|------------------|---------------------|
| 2015 | | | |
| 2014 | | | |
| 2013 | | | |
| 2012 | | | |
| 2011 | | | |

MDS

| Year of Exams | Total No. Appeared | Total No. Passed | Pass percentage (%) |
|---------------|--------------------|------------------|---------------------|
| 2010 (Apr) | 03 | 03 | 100 |
| 2011(Apr) | 03 | 03 | 100 |
| 2012(Apr) | 03 | 03 | 100 |
| 2013(Apr) | 03 | 02 | 66 |
| 2013(Oct) | 01 | 01 | 100 |
| 2014 (Apr) | 03 | 03 | 100 |
| 2015 (Apr) | 02 | 01 | 50 |

36. Diversity of staff

| | |
|--|-----|
| Percentage of faculty who are graduates | |
| of the same university | 50% |
| from other universities within the State | |
| from universities from other States | 50% |
| from universities outside the country | |

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

None

38. Present details of departmental infrastructural facilities with regard to

a) **Library** - Departmental library has 132 books of different authors (National & International) CENTRAL LIBRARY Books – 151, CENTRAL LIBRARY journals- 10 (specialty)

b) Internet facilities for staff and students – Internet facility is provided from college is available for staff (LAN) and students avail private internet facility (Wi-Fi Zone)

c) Total number of class rooms - 04

d) Class rooms with ICT facility and ‘smart’ class rooms – 03

e) Students’ laboratories: Area - 1958 sqft,

- Equipped with 25 dental chairs, 9 chairs in the PG working area and 16 in the UG working area.

- Museum 658 sqft

- Health education room 138 sqft

f) Research laboratories:

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university : None

b) from other institutions/universities : None

40. Number of post graduate students getting financial assistance from the university.

NIL

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41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

PG training program was started in May 2007

Before starting PG Course – LIC and DCI inspections were held and started after meeting the norms of DCI and obtaining the permission from the DCI.

05 renewal DCI Inspections were held 01 recognition inspection was held in April 2010

MDS course was recognized in June 2010

42. Does the department obtain feedback form?

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Faculty gives feedback on curriculum and teaching learning evaluation through structured feedback designed by the institution. In addition faculty provides feedback on library, infrastructure and organizational climate. Feedback is collected on all courses and programs. Through these feedbacks necessary information about the curriculum, teaching learning and evaluation is availed and necessary corrective actions initiated. From the analysis of feedback problem based learning, enrichment courses are initiated in all the departments. CPA cards are initiated. Library and online resources are used for teaching. Self directive learning measures are initiated.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Feedbacks are designed to be collected from students. Students submit feedback on performance of teacher. They also give feedback on courses, program and teaching learning evaluation. From these feedbacks library infrastructure upgraded, students project initiated, student research seed money initiated including evaluation reforms.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

The alumni give feedback on the programs, competence is gained and academic enrichment and continue dental education needed for improve. They give suggestion for institution improvement.

43. List the distinguished alumni of the department (maximum 10)

1. Dr. Sharath P
2. Dr. DhanyaMuralidharan

3. Dr. Pavanasandhya
4. Dr. Rajesh Kumar D
5. Dr. Vineela P
6. Dr. Muni Kumar Sode
7. Dr. Lahari ASR
8. Dr. HarikrishnamRaju S
9. Dr. Karthik Kumar K
10. Dr. Vandana K

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

CDE programs are conducted twice every year under the auspices of Dr.NTRUHS University

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

For UG

- Board and pens
- PowerPoint presentations with sufficient clinical pictures, diagrams and flow charts etc
- Chair side discussions
- Discussions are held along with demonstration on patients.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

For UG:

- Week end assessment exams are conducted and evaluated
- Discussions are held after the theory classes
- Topic based discussions on Preventive exercises are conducted while demonstrating the preventive procedures to students.
- Discussions on individual indices will be done during chair side discussion on patients.
- Feedbacks are taken every 6 months and accordingly the teaching methodology etc are modified

For PG:

- Evaluation of the work during submissions

- Evaluation on submitting daily work done logbook
- Year end exams (theory and practical) are conducted and evaluated
- Written exams on weekly basis are conducted and evaluated
- Evaluation during seminar , journal article presentations, critical evaluations, programme planning and clinical case discussions is done

47. Highlight the participation of students and faculty in extension activities.

Students and faculty take up projects related to advance diagnostic aids / forensic work / epidemiological work

48. Give details of “beyond syllabus scholarly activities” of the department.

Participation of all staff & postgraduates in “No tobacco” campaign

Participation of all staff & postgraduates in Oral Health screening camps

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

NIL

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department helps to apply basic knowledge regarding etiology, diagnosis and management of the prevention, promotion and treatment of all the oral conditions at the individual and community level. It helps to identify social, economic, environmental and emotional determinants in a given individual patient or a community for the purpose of planning and execution of community oral health program. It helps in development of skills necessary for conducting oral health survey in order to identify all the oral health problems affecting the community and find solution using multi –disciplinary approach. The specialty helps in developing the ability to act as a consultant in community oral health, teach, guide and take part in research, present and publish the outcome at various scientific conferences and journals, both national and international level.

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51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

| Strengths | Weaknesses | Opportunities | Challenges |
|--|---|---|--|
| A team of young, enthusiastic and dedicated teaching faculty | The department periodical evaluates its performance & anticipates the problematic areas well in advance and finds effective solutions in case they arise. | Opportunity to utilize the guidance from eminent researchers and patient resource from Narayana Medical College & Narayana Medical Hospital & Superspecialty Hospital | Update the infrastructure of the department |
| Good preliminary research facility | Presently there are no areas of weakness. | Access to various research instruments like PCR etc., in Advanced Research Centre at Narayana Medical College | Improve the research facility of the department. |
| Rural centers availability for providing services on time | | Plan for innovative practices which are cost effective. | Providing services to the rural communities on regular basis |
| Good interdepartmental and inter-institutional coordination | | With a large student population in the campus, various students related studies are possible. | Establishment of interdepartmental cooperation policy |
| Good student population availability | | Opportunity for student training and motivational programs. | To create awareness on tobacco related oral diseases. |

52. Future plans of the department

- Strengthening of peripheral centers to provide comprehensive dental health services.
- Establishment of new centers with a proper referral system.
- Establishment of tobacco use cessation counseling cell in the college.
- Training students to provide tobacco use cessation counseling on regular basis.



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- Development of resource personnel for cancer prevention
- Designing post graduate program with new additions like “systems thinking” and “social epidemiology”.
- Establish collaboration of research with national and international bodies /institutions.
- Starting student exchange programs with other institutions in the country and making it a part of the postgraduate curriculum.
- Having a permanent solution for transportation hurdles for the students to provide rural health services.
- Getting funds from national and International research bodies and agencies.
- Development of a conducive post graduate and undergraduate curriculum so that each and every student will develop an aptitude towards the needy and deprived and provide services.



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Evaluative Report of the Department

1. **Name of the Department** : CONSERVATIVE DENTISTRY & ENDODONTICS

2. **Year of establishment** : 2001

3. **Is the Department part of a college/Faculty of the university?** This department is part of Narayana Dental college & Hospital and faculties of the college are approved by Dr.NTR UHS.

4. **Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)** Under Graduate Programme: BDS and Post Graduate Programme: MDS

5. **Interdisciplinary programs and departments involved** : Practise Other Speciality Treatment (POST) In this program all the Post Graduate students of all the departments are posted in other departments for a period 2 weeks. Details Enclosed . IDEAS In this program all the Post Graduate students of all the departments are gathered and present case reports of one particular department each week. Details Enclosed.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
NO

7. **Details of programs discontinued, if any, with reasons** : NO

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System** :
ANNUAL

9. **Participation of the department in the courses offered by other departments:** YES

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

| | Sanctioned | Filled | Actual (including CAS & MPS) |
|-----------------------------|------------|--------|------------------------------|
| Professor | 2 | 2 | |
| Associate Professor/Reader | 4 | 4 | |
| Assistant Professor | 2 | 2 | |
| Lecturer | | | |
| Tutor / Clinical Instructor | 2 | 2 | |
| Senior Resident | | | |

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

| Name | Qualification | Designation | Specialization | No. of Years of Experience |
|-------------------|---------------|-------------|----------------|----------------------------|
| Dr.K.Madhusudhana | MDS | Professor | Conservative | 18 |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : NIL

13. Percentage of classes taken by temporary faculty – program-wise information : NO TEMPORARY FACULTY

14. Program-wise Student Teacher Ratio: POST GRADUATE PROGRAMME PER YEAR STUDENT TEACHER RATIO IS 1:1. UNDER GRADUATE PROGRAMME PER YEAR STUDENT TEACHER RATIO IS 10:1.

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

16. Research thrust areas as recognized by major funding agencies : NIL

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise :

2014-2015

- 1.Post operative pain evaluation after using two different irrigation techniques by Dr. Anusha
- 2.Effect of adition of lycopene to calcium hydroxide and chlorhexidine as intracanal medicaments on chemical structure of radicular dentine at two different time intervals – An invitro study by Dr. Lalitha
- 3.Comparative clinical evaluation of two in-office desensitizing agents in relieving dentin hypersensitivity- A randomized clinical trail by Dr. paramesh
- 4.Comparative clinical evaluation of new glass ionomer and nanohybrid composite filling materials in noncarious cervical lesions – a one year randomized clinical trail by Dr. Rakesh
- 5.Remineralization potential of three different remineralizing agents by Dr. Ramakrishna

2013-2014

1. Comparative evaluation of microhardness of radicular dentin by using different herbal extracts as root canal irrigants- an invitro study by Dr. Bhavani
2. Comparative evaluation of fracture resistance of three different composites :an invitro study by Dr. Nusrath
3. Effect of in office bleaching agents combined with CPP-ACP in different proportions on micro hardness and surface roughness of bleached enamel- an invitro study by Dr. Suhasini
4. Comparative evaluation of penetration depth of four different root canal sealers into dentinal tubules- an sem study by Dr. Swapna
5. Post operative pain evaluation in single visit root canal treatment with protaper next and Mtwo rotary systems- a randomized controlled trial by Dr. Swathi

18. Inter-institutional collaborative projects and associated grants received

- a) **National collaboration** b) **International collaboration** : NIL

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received : NIL

20. Research facility / centre with

- **state recognition**
- **national recognition**
- **international recognition** : NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies

NIL

22. Publications:

*** Number of papers published in peer reviewed journals (national / international)**

NATIONAL: 12

2014-2015 1

1. Effect of endoactivator and Er,Cr:YSGG laser irradiation in removing the smear layer after root canal instrumentation- An invitro study by Dr. Swapna Koppolu Madhusudhana, Kasamsetty Archanagupta, Chinni Suneelkumar, Anumula Lavanya... Accepted by NTRUHS JOURNAL Effect of addition of lycopene to calcium hydroxide and chlorhexidine as intracanal

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medicament on fracture resistance of radicular dentin at two different time intervals: An in vitro study

Koppolu Madhusudhana, Kasamsetty Archanagupta, Chinni Suneelkumar, Anumula ...
Journal of Conservative Dentistry 18 (3), 205-9

2. Shear bond strength evaluation of adhesive and tooth preparation combinations used in

reattachment of fractured teeth: An ex-vivo study GK Ramachandrani VamsiKrishna, Koppolu Madhusudhana, Aluru Swaroopkumarreddy ...Journal of Indian Society of Pedodontics and Preventive Dentistry 33 (1), 40-43

2013-2014 2

1. Diagnosis and management of bilateral four rooted mandibular first molars

M Koppolu, K Reddy, V Mathews, S Nuvvula, C Suneelkumar, L Anumula Journal of Cranio-Maxillary Diseases 3 (2), 172

2. Clinical and radiographic evaluation of single-visit and multi-visit endodontic treatment of teeth

with periapical pathology: An in vivo study Gogala Dorasani, Koppolu Madhusudhana, Suneel Kumar Chinni Journal of Conservative Dentistry 16 (6), 484-488

2012-2013 4

1. Anti-microbial efficiency of silver diamine fluoride as an endodontic medicament - An ex vivo study Vinod B Mathew, Koppolu Madhusudhana, Nuvulla Sivakumar, Thangala Venugopal ...

2. Contemporary Clinical Dentistry 3 (3), 262-264

3. Effect of saliva and blood contamination on the bond strength of self-etching adhesive system-An in vitro study

M Koppolu, D Gogala, VB Mathew, V Thangala, M Deepthi, N Sasidhar Journal of conservative dentistry: JCD 15 (3), 270

4. Evaluation of effect of allium sativum on smear layer removal in root canals-an ex vivo study M

Koppolu, VB Mathew, V Thangala, M Kowmudi Annals and Essences of Dentistry 4 (3), 17-22

2011-2012 5

1. An in vitro investigation of a newer intracanal medicament Nisin on Enterococcus faecalis in comparison with chlorhexidine and calcium hydroxide Suneel Kumar Chinni, Ashok Baskaran Veni, Manali R Srinivasan, Indra Rajamani

Journal of the International Clinical Dental Research Organisation 2011;3(1):21-4

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2.A facial talon cusp on maxillary permanent central incisors Suneelkumar Chinni, Mayuri Nanneboyina, Anilkumar Ramachandran, Hanuman Chalapathikumar J Conserv Dent. 2012 Jan-Mar; 15(1): 87–88.

3.An assement of antibacterial activity of four endodontic sealers on enterococcus faecalis by adirect contact test: an invitro study. Dr.Lavanya ISRN dentistry ,2012

4. Odontogenic myxoma of the mandible

Dr. Lavanya

ISRN case reports, 2012

5. Do NiTi instruments show defects before separation?

Defects caused by torsional fatigue in hand and rotary NiTi instruments which lead to failure during clinical use.

Dr. Lavanya

Journal of contemporary dental practice,2012

2010-2011 3

1.Apical extrusion of debris and irrigants using hand and three rotary instrumentation systems- An in vitro study Koppolu Madhusudhana, Vinod Babu Mathew, Nelaturi Madhusudhan Reddy Contemporary Clinical Dentistry 1 (4), 234-236

2. Microbiological analysis of endodontic flora- Review Dr. Lavanya Journal of pearldent, vol2 issue 3

3. Endodontic microbiology Dr. Lavanya Dental impact,2011

2009-2010 1

1.A comparative study on the shaping ability of K3, ProFile and ProTaper instruments in simulated curved root canals Chinni Suneelkumar, Chellaswamy Savarimalai Karumaran, Sundararaman Ramachandran,2Rajamani Indira, Padmabhan Shankar, Anil Kumar Iran Endod J. 2010 Summer; 5(3): 107–112

2008-2009 1

1.Biphasic calcium phosphate in periapical surgery C Suneelkumar, K Datta, MR Srinivasan, ST Kumar J Conserv Dent. 2008 Apr-Jun; 11(2): 92–96.

INTERNATIONAL: 2

2012-2013

2 .An assement of antibacterial activity of four endodontic sealers on enterococcus faecalis by adirect contact test: an invitro study. Dr.Lavanya

ISRN dentistry ,2012 4. Odontogenic myxoma of the mandible Dr. Lavanya

ISRN case reports, 2012

2009-2010

1. A comparative study on the shaping ability of K3, ProFile and ProTaper instruments in simulated curved root canals Chinni Suneelkumar, Chellaswamy Savarimalai Karumaran, Sundararaman Ramachandran, Rajamani Indira, Padmabhan Shankar, Anil Kumar Iran Endod J. 2010 Summer; 5(3): 107–112

* **Monographs** : NIL

* **Chapters in Books**: NIL

* **Books edited**: NIL

* Books with ISBN with details of publishers

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

* **Citation Index – range / average** : NIL

* **SNIP**:NIL

* **SJR**: NIL

* **Impact Factor – range / average** : NIL

* **h-index** :NIL

23. Details of patents and income generated : NIL

24. Areas of consultancy and income generated : NIL

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : NIL

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify) Dr.SUNEELKUMAR CHINNI SERVING AS EDITORIAL BOARD MEMBER FOR JOURNAL OF CONSERVATIVE DENTISTRY.

27. Faculty recharging strategies (Refresher / orientation programs, workshops,

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training programs and similar programs). ATTENDED NATIONAL CONFERENCE AT JAIPUR, HYDERABAD

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects: DR. APORVA HAS GOT ICMR STUDENT PROJECT APPROVAL

- percentage of students doing projects in collaboration with other universities / industry / institute

NIL

29. Awards / recognitions received at the national and international level by

Faculty

Doctoral / post doctoral fellows

Students : BEST PAPER AND BEST POSTER AWARD AT NATIONAL CONFERENCE HYDERABAD.

2014-2015

1. BEST PAPER : Awarded to Dr. Suhasini

TOPIC : Clinical performance of a class I nanohybrid composite restorations with light cure glass ionomer liner and flowable composite liner – A Randomized Clinical Trial

VENUE : ECCLIRES- 1ST INTERNATIONAL AND 4TH NATIONAL CONFERENCES AT CHENNAI

2. BEST PAPER : Awarded to Dr. Swathi

TOPIC : Post operative pain evaluation in single visit root canal treatment with protaper next and Mtwo rotary systems- a randomized controlled trial by Dr. Swathi

VENUE : ECCLIRES- 1ST INTERNATIONAL AND 4TH NATIONAL CONFERENCES AT CHENNAI

3. BEST PAPER : Awarded to Dr. Anusha

TOPIC : A clinical diagnosis of different pulpal inflamed teeth by pulse oximetry

VENUE : ECCLIRES- 1ST INTERNATIONAL AND 4TH NATIONAL CONFERENCES AT CHENNAI

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4. BEST PAPER : Awarded to Dr. Anusha

TOPIC : A clinical diagnosis of different pulpal inflamed teeth by pulse oximetry

VENUE : 16th IACDE-IES PG Convention at Ghaziabad

DATE : 04-06-2014 to

06-06-2014

2013-2014

1. BEST PAPER : Awarded to Dr. Dinesh

TOPIC : Effects of different surface treatments on pushout bond strength of fibre posts on root canal dentin - An invitro study.

VENUE : 15th IACDE-IES PG Convention at Chennai

DATE : 05-06-2014 to

07-06-2014

2012-2013 2

1. BEST POSTER : Awarded to Dr. Swapna, Dr. Suhasini

TOPIC : Endodontic Grafting

VENUE : 28th IACDE- 21st IES PG Conference at Hyderabad

DATE : 27-11-2013 to

29-11-2013

2. BEST PAPER : Awarded to Dr. Archana

TOPIC : Effect of calcium hydroxide and lycopene as intracanal medicaments on fracture resistance of radicular dentin at two different intervals – an invitro study.

VENUE : 28th IACDE- 21st IES PG Conference at Hyderabad

DATE : 27-11-2013 to

29-11-2013

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. : ZONAL CDE

APPROVED BY DR.NTRUHS FUNDED BY UNIVERSITY.

2014-2015

30th IACDE-IES PG Conference at Amritsar

16th IACDE – IES PG convention at Ghaziabad

29th IACDE – IES PG conference at Jaipur

2013-2014

15th IACDE-IES PG Convention at Chennai

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28th IACDE- IES PG conference at Hyderabad

2014-2015

1. Extra Coronal Restorations by Dr. S.M. Sarath Chandra
2. Endo-perio lesions by Dr. Venugopal

2012-2013

1. Cast metal restorations by Dr. Suneel kumar Chinni

2011-2012

1. Wave one rotary instruments by Dr. Badri

31. Code of ethics for research followed by the departments INSTITUTIONAL ETHICAL COMMITTEE

32. Student profile program-wise:

| Name of the Program (refer to question no. 4) | Applications received | Selected | | Pass percentage | |
|--|--------------------------|----------|--------|-----------------|--------|
| | | Male | Female | Male | Female |
| | | | | | |
| | | | | | |

33. Diversity of students

| Name of the Program (refer to question no. 4) | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|--|--|--|---|------------------------------------|
| | | | | |
| | | | | |
| | | | | |

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

35. Student progression

| Student progression | Percentage against enrolled |
|--|-----------------------------|
| UG to PG | |
| PG to M.Phil, DM / M Ch / DNB | |
| PG to Ph.D. | |
| Ph.D. to Post-Doctoral | |
| Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment | |
| Entrepreneurs | |

36. Diversity of staff

| Percentage of faculty who are graduates | |
|--|----------|
| of the same university | 6 |
| from other universities within the State | NIL |
| from universities from other States | 5 |
| from universities outside the country | NIL |

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : NIL

38. Present details of departmental infrastructural facilities with regard to

- a) Library
- b) Internet facilities for staff and students
- c) Total number of class rooms
- d) Class rooms with ICT facility and 'smart' class rooms
- e) Students' laboratories
- f) Research laboratories

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university : NIL
- b) from other institutions/universities : NIL

40. Number of post graduate students getting financial assistance from the university:
NIL

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Faculty gives feedback on curriculum and teaching learning evaluation through structured feedback designed by the institution. In addition faculty provides feedback on library, infrastructure and organizational climate. Feedback is collected on all courses and programs. Through these feedbacks necessary information about the curriculum, teaching learning and evaluation is availed and necessary corrective actions initiated. From the analysis of feedback problem based learning, enrichment courses are initiated in all the departments. CPA cards are initiated. Library and online resources are used for teaching. Self directive learning measures are initiated.

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c. Alumni and employers on the programs offered and how does the department utilize the feedback?

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43. List the distinguished alumni of the department (maximum 10)

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

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46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

47. Highlight the participation of students and faculty in extension activities.

48. Give details of “beyond syllabus scholarly activities” of the department.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Weaknesses

The department periodically evaluates its performance & anticipates the problematic areas well in advance and finds effective solutions in case they arise. Presently there are no areas of weakness.

52. Future plans of the department

Medical and basic sciences

All the medical subjects – Anatomy, Physiology & biochemistry, Pharmacology, Pathology & microbiology, General medicine & General surgery, Infrastructure facilities of the Narayana medical college & hospital is utilized for academic purposes. In Narayana medical college & hospital provides facilities for 250 intake per annum for MBBS and provides post-graduation super speciality & Ph.D programmes. The dental college makes use of these excellent learning resources including the physical infrastructure in learned teacher service and laboratories for these subjects. The details of these departments will be submitted during the visit.