Evaluative Report of the Department of Periodontology

1. **Name of the Department**: Department of Periodontology

2. **Year of establishment**
   - Undergraduate course: October 1991
   - Postgraduate course: June 2011

3. **Is the Department part of a School/Faculty of the university?**
   Yes. Rajiv Gandhi University of Health Sciences, Bangalore

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**
   - BDS: 1991
   - MDS: 2011
   - Dental Hygienist Course: 2011

5. **Interdisciplinary programmes and departments involved**
   - YES;
   - 2. Endoperio lesions, Conservative line in the treatment of endo-perio lesions - Dr. Akanksha Samavedi (periodontics) and Dr. Drisya soman (Endodontics) December 6th 2016
   - 3. Immediate implant – Dr. Nainika (periodontics) and Dr. Sruthi (prosthodontics) 19th June 2017

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
   Presently we are yet to begin the process of conducting courses in collaboration with other universities, industries and foreign institutions.

7. **Details of programmes discontinued, if any, with reasons**
   No programs have been discontinued.

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**
   - BDS: Annual (As per RGUHS and DCI norms)
   - MDS: at the end of 3rd year (as per RGUHS and DCI norms)

9. **Participation of the department in the courses offered by other departments**
   Yes. The department is in collaboration with the department of Prosthodontics in training dental technician.

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**
11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>Experience</th>
<th>No. of Ph.D./M.Phil/MDS students guided for the last 4 years</th>
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<tbody>
<tr>
<td>Dr. M.M. Dayakar</td>
<td>MDS</td>
<td>Professor and HOD</td>
<td>Periodontology</td>
<td>20 years. 2months</td>
<td>7</td>
</tr>
<tr>
<td>Dr. George Philip</td>
<td>MDS</td>
<td>Professor</td>
<td>Periodontology</td>
<td>16 Years 11 Months</td>
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<tr>
<td>Dr. Prakash Pai. G</td>
<td>MDS</td>
<td>Professor</td>
<td>Periodontology</td>
<td>14 Years 06 Months</td>
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<tr>
<td>Dr. Shivananda H</td>
<td>MDS</td>
<td>Reader</td>
<td>Periodontology</td>
<td>09 Years 07 Months</td>
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<tr>
<td>Dr. Ramya</td>
<td>BDS</td>
<td>Lecturer</td>
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<td>04 Month</td>
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<td>Dr. Asiyath Nezri V.K</td>
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<td>Lecturer</td>
<td></td>
<td>04 Month</td>
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<td>Dr. Riju John</td>
<td>BDS</td>
<td>Lecturer</td>
<td></td>
<td>1 Month</td>
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<td>Dr. Shalika</td>
<td>BDS</td>
<td>Lecturer</td>
<td></td>
<td>1 Month</td>
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</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
Department doesn’t have any senior visiting fellows, adjunct and emeritus professors.

13. Percentage of classes taken by temporary faculty – programme-wise information
All the classes have been taken by the full time faculty.

14. Programme-wise Student Teacher Ratio
- BDS- 12.5 : 1 (100: 8)
- MDS- 2.25 : 1 (9:4)
- Dental Hygienist-- 2.6 : 1 (3:8)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

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<tr>
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<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
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<td>Technical</td>
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<tr>
<td>Administrative Nurse</td>
<td>1</td>
<td>1</td>
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</table>
16. Research thrust areas as recognized by major funding agencies
Currently Dr Nainika post graduate student has received grant for scientific research program from NEXT GENERATION PHARMA INDIA PVT LTD and we are yet to receive grant for various other research thrust areas recognized by major fundings 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.
Currently faculty doesn’t have projects from
a) National
b) International funding agencies.

18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration
Currently department doesn’t have any inter-institutional collaborative projects and associated grants.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
Currently no projects are funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.

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
Department doesn’t have any special research laboratories sponsored by/ created by industry or corporate bodies

22. Publications:
Number of papers published in peer reviewed journals (national / international) –

2012


Dayakar MM, Khattri Shivi, Philip George. Pai Prakash Natal and neonatal teeth. kerala


2013


Dr Prakash Pai The self-reported knowledge, attitude and the practices regarding the early detection of oral cancer and precancerous lesions among the practicing dentists of Dakshina Kannada – A pilot study. Journal of Clinical and diagnostic research 2013, Jul. Vol.7(7)1491-1494


2014

Dr. Deepthi Cherian and M.M Dayakar Periodontal Ligament Stem Cells: redefining the future of tissue regeneration. World journal of pharmacological Research 2014;vol 3 issue 4: 173-179


2015


Mundoor manjunath Dayakar, Seeham Akbar A randomized placebo-controlled trial to evaluate a novel noninjectable anesthetic gel with thermosetting agent during scaling and root planing in chronic periodontitis patients. Saudi journal of anaesthesia /January 2016/volume 10/ supplement


- Monographs -
- Chapters in Books - 1
  Chemotherapeutic Agents /Text Book Of Periodontics/Shalu Bathla/Isbn:978-93-86261-73-1
- Edited Books - Nil
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average: Pubmed, Index Copernicus, Google Scholar, Ebsco
- SNIP
- SJR
- Impact Factor – range / average :

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<th>SL NO</th>
<th>NAME</th>
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<th>H-Index*</th>
<th>Articles Published in RG</th>
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<td>AVERAGE</td>
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23. Details of patents and income generated

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<th>IMPLANT</th>
<th>LASER</th>
<th>AMOUNT</th>
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<td>2014</td>
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Total amount generated up till 29/6/2017: 210500

   The dept participates in Patient care, check up camps offering free services and
   Income generated by charging the patient a nominal charge for special surgical
   cases like implant and laser treatment.

25. Faculty selected nationally / internationally to visit other laboratories / institutions /
   industries in India and abroad
   Dr. M.M Dayakar
   - Visited Government Dental College, Bangkok 2007
   - Visited KIOC, Bhubaneswar 2016,

DCI AND LIC INSPECTION

| 1. Modern Dental college Indore | 2012 |
| 2. Dental college Aurangabad    | 2012 |
| 3. G.D.C Trivandrum             | 2013 |
| 4. Baba Fareed Dental college Punjab | 2013 |
| 5. Royal Dental college Kerala  | 2013 |

26. Faculty serving in
   a) National committees b) International committees c) Editorial Boards d) any other
      (please specify)
   Dr. M.M Dayakar
   - Life Member Of Indian Society Of Periodontology
   - Mentor of ISPRP
   - Past secretary ISPRP
   - National Convienor for scientific programme ISP
   - Vice president of ISP
      - Editorial board member of ISP
      - Life Member Of Indian Red Cross Society
      - Life Member Of Indian Dental Association
      - Branch Secretary ,IDA Sullia Branch
      - President ,IDA Sullia Branch
      - Branch Co-ordinator, IDA-Colgate National Oral Health Programme
      - Coordinator, Training Programmers’, KVG Dental College And Hospital ,Sullia DK
   Dr. George Philip
   - Life Member Of Indian Society Of Periodontology
   - Life Member Of Indian Society Of Prosthodontics-Restorative Periodontics
   Dr. Prakash Pai Gurpur
   - Life Member Of Indian Society Of Periodontology
   - Life Member Of Indian Dental Association
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). Faculties are encouraged to attend
   - Conferences/conventions
   - Orientation program by RGUHS
   - Teachers Training program
   - Workshops/Hands on courses
   - CDE programs

To facilitate this 10 days special paid leaves are given annually for CDE/Conference etc
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<td>DR.SHIVANANDA.H</td>
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</table>
28. Student projects
- Percentage of students who have done in-house projects including inter-departmental projects
  Post Graduate students- 100%
UG Students- none
- Percentage of students doing projects in collaboration with other universities / industry / institute
  None

29. Awards / recognitions received at the national and international level by

Faculty –
Dr.M M Dayakar H O D and Prof dept of periodontics
2. Has won the prestigious Sadhanashree award by JCI ZONE-15 in 2013.
3. Has won first prize from Indian society of Periodontology for conducting rally on oral hygiene day in 2012.
4. Got elected as vice president at Indian society of Periodontology for the year 2012-2013 and 2013 – 2014
5. Got elected as scientific program convener for the year 2015 – 2016
6. Got elected as vice president at ISP 2016-2017
7. Got selected by RGUHS for master trainer’s selection Workshop for dental faculty - 2017

Students –
1. Dr. Nainika Sharma, post graduate: Has won the first prize for paper presentation at ISPRP Conference, MAHE, 2015.
2. Dr. Vintu vijayan, post graduate: Has won second prize for paper presentation at ISPRP Conference, Mumbai, 2016.
3. Dr. Seeham Mohamed post graduate: Has won consolation prize for paper presentation at the scientific programme of the 13th National ISP PG convention Manglore held at ABSMIDS , Manglore
4. Dr. Akanksha samvedi : Has won the first prize for paper presentation at ISPRP Conference, Bhopal, 2014.

Rank list of post graduate

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<th>Year</th>
<th>Name</th>
<th>Rank</th>
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<tr>
<td>1.</td>
<td>2013</td>
<td>Dr. Parvathy . V</td>
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<tr>
<td>2.</td>
<td>2014</td>
<td>Dr. Sachin Guptha</td>
<td>4th Rank</td>
</tr>
<tr>
<td>3.</td>
<td>2014</td>
<td>Dr. Shivaprasad D</td>
<td>9th Rank</td>
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Rank list of under graduate

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<tr>
<th>Sl. No</th>
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<th>Name</th>
<th>Rank</th>
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</table>
1. 2013 Dr. Anjaly N A 8th Rank
2. 2014 Dr. Sunil Martin 2nd Rank
3. 2014 Dr. Sharanya S 3rd Rank
4. 2014 Dr. Deepthi 3rd Rank
5. 2015 Dr. Manoj Das 2nd Rank
6. 2015 Dr. Ganesh Shetty 2nd Rank
7. 2015 Dr. Sreelekha Ravikumar 4th Rank
8. 2015 Dr. Thusharakumari 4th Rank
9. 2015 Dr. Anisha Sai KK 9th Rank
10. 2015 Dr. Jumana Haseem 9th Rank

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any

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<th>Date</th>
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<td>Periodontal medicine</td>
<td>11.09.2013</td>
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<td>Evidence base plaque control and surgical periodontics</td>
<td>25.03.2014</td>
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<tr>
<td>3</td>
<td>Pro perio III</td>
<td>02.01.2015</td>
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<tr>
<td>4</td>
<td>Insurance- claim for a better future</td>
<td>29.12.2015</td>
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<tr>
<td>5</td>
<td>Perio esthetics</td>
<td>17.06.2016</td>
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<td>6</td>
<td>Innovative clinical periodontics</td>
<td>26.08.2016</td>
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31. Code of ethics for research followed by the departments
All researchers have to take clearance/permission from the ethical committee of the institute constituted specially for this purpose.

32. Student profile programme-wise:

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<th>Year</th>
<th>Applications received</th>
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<th>Pass percentage</th>
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<td>Female</td>
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<td>2016-2017</td>
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32. Diversity of students
33. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.
One-Sachin Gupta

34. Student progression

<table>
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<th>Student progression</th>
<th>Percentage against enrolled</th>
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</tr>
<tr>
<td>PG to M.Phil.</td>
<td>Nil</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>Nil</td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>Nil</td>
</tr>
<tr>
<td>Employed</td>
<td>Nil</td>
</tr>
<tr>
<td>• Campus selection</td>
<td></td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td>90%</td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>1%</td>
</tr>
</tbody>
</table>

35. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
<td>1</td>
</tr>
<tr>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>from other universities within the State</td>
<td>3</td>
</tr>
<tr>
<td>75%</td>
<td></td>
</tr>
</tbody>
</table>
37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period
   -NIL-

38. Present details of departmental infrastructural facilities with regard to
   a) Library --- No. of books 24 and No. of titles 24

   b) Internet facilities for staff and students --- available

   c) Total number of class rooms --- No dedicated classrooms for the department. However college has
   5 classrooms one each is allotted for each year of BDS programs. For PGs, an AC seminar hall is present with ICT facility

   d) Class rooms with ICT facility --- All classrooms are with ICT facilities.

   e) Students’ laboratories --- NIL-

   
<table>
<thead>
<tr>
<th>Laboratory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG Lab</td>
<td>Present</td>
</tr>
<tr>
<td>UG clinical lab</td>
<td>Nil</td>
</tr>
<tr>
<td>Pre-clinical prosthetic lab</td>
<td>Present</td>
</tr>
<tr>
<td>Phantom head lab</td>
<td>NIL</td>
</tr>
</tbody>
</table>

   f) Research laboratories ---NIL-

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-

42. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
   none

43. 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?
      Yes in the form of feedback forms filled by the students after theory classes, seminars and CDE program.

   b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
      The term wise feed back from the students on staff is taken on structured questionnaire with respect to curriculum, teaching learning and evaluation and feedback is analyzed and important suggestions are discussed in department meeting for course correction. Issues
requiring the attention of the college are forwarded to the principal for further action.

c. alumni and employers on the programmes offered and how does the department utilize the feedback?
The department has the practice of conducting alumni meeting and formal feedback on facilities and curriculum are taken.

44. List the distinguished alumni of the Department (maximum 10)

1. Dr Sachin Guptha (2011-BATCH)
   Currently working for Indian Army Dental wing

2. Dr Sathyali Mishra (2011-BATCH)
   Currently working as the Dental head of Nightingales health services, Mumbai

Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1. Periodontal medicine
   Date: 11.09.2013
   Speaker: Dr. Mohammed Faizuddin
   Prof. H.O.D dept of periodontics
   M. R. Ambedkar dental college, Bangalore

2. Evidence base plaque control and surgical periodontics
   Date: 25.03.2014

3. Pro perio III
   Date: 02.01.2015
   Speaker: Dr. Jagdish Pai
   Prof. COORG institution of dental science, virajpet
   Topic: laser in dentistry
   Hands on course on LASER

4. Insurance - claim for better future
   Date: 29.12.2015
   Speaker: Mr. Melvin D’ Souza

5. POP Show - Perio Esthetics
   Date: 17.06.2016
   Speaker: Dr. Anirudh B Acharya
   Prof. dept of periodontics
   SDM college of dental science, Dharwad

6. Innovative clinical periodontics
   Date: 26.08.2016
   Speakers:
   Dr. Rakshith Hegde
   Prof. dept. of prosthodontics
   ABSMIDS, mangalore
Topic: implant supported prosthesis in periodontally compromised patients

Dr. B. S. JagadishPai
Prof. H.O.D. dept. of periodontics
CIDS, Virajpet
Topic: Laser- an era of periodontal renaissance

Dr. K. V. Arun
Prof. dept. of periodontology
Ragas dental college, Chennai
Topic: MIS technique
Hands on course on Microsurgery

46. List the teaching methods adopted by the faculty for different programmes.
   Under Graduate – Through powerpoint presentations, slide discussions ,CDE programmes , seminars, poster preparations, internal assemsesments, and viva voce at regular intervals.
   Post Graduation- Through seminars, journals, clinical case discussions, chair side clinical investigations, group discussions, operation theatre postings, CDE programs and conferences,short studies.

47. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
   -Conducting regular internal assemsesments of students through theory and practical examination and viva voce.
   - Monthly evaluation of department through monthly progress results.
   - Assesment of students through class test, quiz, group discussions at regular interval of time.
   - The department also has this practice of getting regular feedback analyzed and used for corrective action.

48. Highlight the participation of students and faculty in extension activities
   Oral hygiene rally, exhibition, CDEs conducted by department and Under graduate participation is there.

49. Give details of “beyond syllabus scholarly activities” of the department.
   ‘ENDOSULFAN-THE UNTOLD STORY’

50. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
   -Nil-

51. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

<table>
<thead>
<tr>
<th>CDE CONDUCTED</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Periodontal Medicine</td>
<td>11-09-2013</td>
</tr>
<tr>
<td>Evidence Based Plaque Control And Surgical</td>
<td>25-09-2014</td>
</tr>
</tbody>
</table>
Periodontics
PRO PERIO III 02-01-2015
Insurance – Claim For A Better Future 29-12-2015
POP How-Perio Esthetics 17-06-2016
Innovative Clinical Periodontics And Hands On Course In Microsurgery 26-08-2016

Conducted an exhibition in the Department on 18-08-2016
Conducted Oral Hygiene Day Rally on 19-08-2016

52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTHS OF THE DEPARTMENT:
1. Well Equipped Operatory With Conventional To Advanced Armamentarium Makes Our Department Unique.
2. In Depth Knowledge And Technological Updates Through Our Qualified Staff Members Make Learning More Interesting.
4. Encouragement Of Co-Curricular Activities Help In The Overall Development Of Students.
5. Non-Teaching Staff And Attenders Contribute To A Better Functioning Of The Department.

DRAWBACKS OF THE DEPARTMENT:
1. Being In The Outskirts Of Major Towns Of Dakshina Kannada Sometimes Out Patient Department Suffers Due To Lack Of Patients Over Some Days.
3. Language Becomes An Issue Often While Motivation Of The Patients For Distant Learner.
4. Lack Of Education Of Older Generation Interventional Treatment At Earlier Stage Becomes Highly Difficult.

OPPORTUNITIES OF THE DEPARTMENT:
1. The Promotion Of Research In Varied Fields Of Periodontics Make The Students Avail Better Access To New Eras In Dentistry.
2. Continuing Dental Education Programmes Make General Opinion Of Different Procedures Done Under Various Departments Speak In Volumes About Techniques And Technological Advancement All Over In The Dental College.
3. Dental Camps Number Have Been Noticably Increased From The Past Till Date.
5. Various Affiliations Of The Institute For Research And Innovation Gives In Depth Knowledge About The Case.

CHALLENGES OF THE DEPARTMENT:
1. Difficulty In Motivation And Awareness Of The Patients Make This Field Challenging.
2. Lesser Subjective Evaluation About Periodontal Conditions Due To Its Chronic Nature Contributes Towards Lack Of Preventive Treatment In Some Cases.
3. Lack Of Laboratory Setup Like Anaerobic Culturing Etc In Medical And Dental Laboratory Makes Diagnosis Of Rare Cases Challenging At Times.
4. Compressor Unit In Undergraduate Sections And Some In Postgraduate Section Often Lead To Distress At Work.
5. Rainy Season Makes Smooth Functioning A Challenging Task

53. Future plans of the department.
   - Future one year plan
   - Future five year plan

FUTURE PLANS OF THE DEPARTMENT:

- Our goal as a team in the teaching process of both undergraduate and postgraduates has already shown tremendous results in the academic career of student at university level.
  More interactive session between students and staff will be ongoing in future.
Practical based knowledge through working models will be promoted .Surgical demonstration to the undergraduates students will be undertaken.

- Research Work in the field of advanced surgical procedures carried out in reputed universities around the world will be a part of the postgraduate programme.
  The future affiliations towards exchange programmes with other surgical centres all over the world is one such task on the list of many upcoming ones.