Department of Oral Pathology and Microbiology

1. Name of the Department: Department of Oral Pathology and Microbiology

2. Year of establishment
   Undergraduate course – October 1991
   Postgraduate course – June 2012

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


<table>
<thead>
<tr>
<th>Programme</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDS</td>
<td>SINCE 1991</td>
</tr>
<tr>
<td>MDS</td>
<td>SINCE 2012</td>
</tr>
<tr>
<td>DMLT</td>
<td>SINCE 2006</td>
</tr>
</tbody>
</table>

5. Interdisciplinary programmes and departments involved
   Department of Oral Pathology & Microbiology is involved in the interdisciplinary programmes of:
   1. Staff & postgraduate students attend the interdepartmental meetings held in the college auditorium.
   - In collaboration with Dept. of Public Health Dentistry & Periodontics post graduate students present special cases reported in the department.
   - Dr. Supriya. H presented a case report on Castleman's disease on 3/3/15
   - Dr. Suhasini presented short study findings on Sex determination using Barr Bodies on 3/3/15
   2. Postgraduate students attend training programme at Department of Onco Pathology, Malabar Cancer centre, Thalassery.
   3. Postgraduate students attend training programme at Department of Onco diagnosis & Pathology, Kidwai Cancer & Research centre, Bengaluru.
   4. KVG Medical college & Hospital – Postgraduate students attend the Central Lab postings to get trained in hematology, biochemical & microbiological laboratory investigations.
   5. Department of Oral & Maxillofacial Surgery, KVG Dental College - Postgraduate students attend and assist various surgical treatments performed.
   6. Department of Oral Medicine & Radiology, KVG Dental College - Postgraduate students attend the various Case discussions and assist in performing various Lab investigations like FNAC & biopsy

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
   None.

7. Details of programmes discontinued, if any, with reasons
   None.

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)

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

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

<table>
<thead>
<tr>
<th>Teaching posts</th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Reader</td>
<td>2</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Senior Lecturer</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Others(Lecturer)</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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>No. of Years of Experience (On Nov 30th 2016)</th>
<th>No. of Ph.D./M.Phil/MDS students guided for the last 4 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Harishchandra Rai</td>
<td>MDS</td>
<td>Professor and HOD</td>
<td>Oral Pathology</td>
<td>15 yrs. 09M</td>
<td>6</td>
</tr>
<tr>
<td>Dr. Shaila M</td>
<td>MDS, PhD</td>
<td>Professor</td>
<td>Oral Pathology</td>
<td>11 Years 1 week</td>
<td>3</td>
</tr>
<tr>
<td>Dr. Anita Dayakar</td>
<td>MDS</td>
<td>Reader</td>
<td>Oral Pathology</td>
<td>10Yrs. 1 Month</td>
<td>-</td>
</tr>
<tr>
<td>Dr. Gaurav Ghosh</td>
<td>MDS</td>
<td>Reader</td>
<td>Oral Pathology</td>
<td>6Yrs. 3 M</td>
<td>-</td>
</tr>
<tr>
<td>Dr. Charan Kaje</td>
<td>MDS</td>
<td>Reader</td>
<td>Oral Pathology</td>
<td>6 years</td>
<td>-</td>
</tr>
<tr>
<td>Dr. Preethi Purushotham</td>
<td>MDS</td>
<td>Sr. Lecturer</td>
<td>Oral Pathology</td>
<td>2 yr 4M</td>
<td>-</td>
</tr>
<tr>
<td>Dr. Supriya H.</td>
<td>MDS</td>
<td>Sr. Lecturer</td>
<td>Oral Pathology</td>
<td>1 year</td>
<td>-</td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
None.

13. Percentage of classes taken by temporary faculty – programme-wise information
Not Applicable.

14. Programme-wise Student Teacher Ratio
BDS- 10:1
MDS- 3:5
PG Diploma – nil
DDM-nil

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

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
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<td>Technical</td>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Nurse</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Attender</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

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.
   Nil.

18. Inter-institutional collaborative projects and associated grants received
   a) National collaboration b) International collaboration
   Nil.

19. Departmental projects funded by 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
   None.

22. Publications:

**2012**
1. **Mulki S, Dayakar A.** Denture induced inflammatory fibrous hyperplasia (Denture Epulis) with Combination Syndrome: A Case report. RGUHS JDentSciences. 2012; 4(2): 89-93
2. **Mulki S, Dayakar A.** Melanocytic lesions of Oral Cavity. JIDAS. 2012; 4
3. **Mulki S, Dayakar A.** Giant cell lesions: A review. II Author. JIDAS.2012; 4(3)
4. Pai P, Mundoor MD, **Mulki S, Dayakar A.** Correlation between ABO blood group phenotypes & periodontal diseases:prevalence in southkanara district, Karnataka state, India. J of Indian soc periodontology 2012;16(4) :519-523

**2013**

[Type text]


2014


2015


2016

### 2017


* Monographs - Nil  
* Chapters in Books - Nil  
* Edited Books - 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 host, etc.)  
* Citation Index – range / average: Pubmed, Index Copernicus, Google Scholar, Ebsco  
* SNIP  
* SJR  
* Impact Factor – range / average :  
* h-index

<table>
<thead>
<tr>
<th>Faculty</th>
<th>h-index</th>
<th>No. of Citations</th>
</tr>
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<tbody>
<tr>
<td>Prof(Dr.)Harishchandra Rai-</td>
<td>2</td>
<td>21</td>
</tr>
<tr>
<td>Prof(Dr.)Shaila.M</td>
<td>2</td>
<td>27</td>
</tr>
<tr>
<td>Dr. Anitha Dayakar</td>
<td>2</td>
<td>7</td>
</tr>
</tbody>
</table>

**TOTAL SCORE OF THE DEPARTMENT – 6**

23. Details of patents and income generated: None.

24. Areas of consultancy and income generated: None.

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

[Type text]
• Prof (Dr) Harishchandra Rai gave a guest Lecture during the Clinico Pathological Conference, held at MCODS, Manipal university, Manipal.Dec, 2012.
• Prof (Dr) Harishchandra Rai gave a guest Lecture during the Clinico Pathological Conference, held at A J Institute of dental sciences, Mangalore. March 2013.
• Prof (Dr) Harishchandra Rai gave a guest Lecture on “Oral biopsy-in private practice” during the CDE program held at IDA branch puttur, 2011
• Prof (Dr) Harishchandra Rai visited V.S Dental college as external examiner for Undergraduate III BDS practical examination in June 2015.
• Prof (Dr) Harishchandra Rai visited Anoor Dental college as external examiner for postgraduate university examination in August 2016
• Prof (Dr.) Shaila .M visited Hassanamba Dental College as LIC Inspector in May 2015
• Prof (Dr.) Shaila .M visited RV Dental college as external examiner for PG MDS Practical examination in July 2016 under RGUHS.
• Dr. Anitha Dayakar visited College of Dental Sciences, Davangere as external examiner for 1st BDS Dental Anatomy & Histology examination in July 2015.
• Dr. Anitha Dayakar visited Dayanand Sagar College of Dental Sciences, Bangalore as external examiner for 1st BDS Dental Anatomy & Histology examination in July 2016.
• Dr. Anitha Dayakar delivered Guest Lecture on “Oral Cancer and Leukoplakia – Recent Trends” at IDA Bhavan, Puttur on 2-11-2014 organized by IDA, Puttur Branch.
• Dr. Gaurav Ghosh visited S.V Dental College, Bengaluru as external examiner for III BDS Practical’s in July 2016.

26. Faculty serving in
   a) National committees
   b) International committees
   c) Editorial Boards
   d) any other (please specify)
   • Prof (Dr.) Harishchandra Rai – 1. Life member of IAOMP
     2. Life member of IDA
   • Prof (Dr.) Shaila M – 1. Life member of IAOMP
     2. Life member of IDA
   • Dr. Anitha Dayakar – 1. Life member of IAOMP
     2. Life member of IDA
   • Dr. Charan Kaje – 1. Life Member of IAOMP
     2. Life Member of IDA
   • Dr. Gaurav Ghosh – 1. Life Member of IAOMP
     2. Life Member of IDA
   • Dr. Preethi Purushotham – 1. Life Member of IAOMP
   • Dr. Supriya H – 1. Life Member of IAOMP
     2. Life Member of IDA

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

   Faculties are encouraged to attend
   ◆ Conferences/conventions

   The various conferences attended by each faculty members are as follows:

Prof (Dr.) Harishchandra Rai
   2. 40th Karnataka state dental conference at B.C road, Bantwal, dec 2012
   3. XIII pg convention at Tirupathi from 9/07/13 to 11/07/13
   4. 41st KSDC conference at Madikeri from 22/11/13 to 24/11/13
5. XXIII national conference of IAOMP held at Bangalore from 28th -30th November 2014
6. 43rd Karnataka state dental conference at B.C road, Bantwal.Dec 2015

Prof (Dr.) Shaila M
2. International 33rd annual conference of Indian association of biomedical scientists (IABS) in Deralakatte from November 1-3, 2012. ‘RECENT TRENDS AND ADVANCES IN BIOMEDICAL RESEARCH - AN INTEGRATED APPROACH.’
3. 40th Karnataka state dental conference held at B.C.Road, Bantwal. Nov 30th -Dec 2nd 2012.
4. 41st Karnataka state dental conference held at hotel crystal court, Madikeri, Nov 22-24,2013.
6. 43rd Karnataka state dental conference at B.C road, Bantwal.Dec 2015

Dr. Anitha Dayakar
2. International 33rd annual conference of Indian association of biomedical scientists (IABS) in Deralakatte from November 1-3, 2012. ‘Recent trends and advances in biomedical research - an integrated approach.’
3. 40th Karnataka state dental conference held at B.C.Road, Bantwal. Nov 30th -Dec 2nd 2012
5. 2nd interstate and 42nd Karnataka state dental conference organized by IDA.D.K branch held on November 28th -30th 2014 at Mangalore.
6. 43rd Karnataka state dental conference at B.C road, Bantwal.Dec 2015

Dr. Charan Kaje
1. 40th Karnataka state dental conference at B.C road, Bantwal.Dec 2012
2. 20th National conference of the Indian society of oral Implantologists held at Mumbai, October, 2013.
3. 41st Karnataka state dental conference held at Madikeri. November 2013
4. 67th Indian dental conference held at Hyderabad, February, 2014
5. FDI annual world congress held at New Delhi, September 2014.
6. 2nd Interstate and 42nd Karnataka state dental conference held at Mangalore. November 2014
8. 43rd Karnataka state dental conference at B.C road, Bantwal.Dec 2015

Dr. Preethi Purushotham
1. 40th Karnataka state dental conference at B.C road, Bantwal.Dec 2012
3. 41st Karnataka state dental conference held at Madikeri. November 2013
4. 67th Indian dental conference held at Hyderabad, February, 2014.
5. 43rd Karnataka state dental conference at B.C road, Bantwal.Dec 2015

Dr. Supriya H
1. 41st KSDC conference at Madikeri from 22nd -24th September 2013.
2. National pg convention at Kolkata from 17th-19th July 2014
3. IAOMP conference at Bangalore from 28th -30th November 2014
4. 13th IAFO national conference at Mysore from 18th-20th September 2015
5. International symposium on head and neck at Manipal from 3rd -4th October 2015

[Type text]
6. 43rd KSDC conference at BC road from 18th - 20th December

❖ Workshops/ Hands on courses
The various workshops attended by faculty members are:

- Workshop & hands on course on “TISSUE MICROARRAY” at Yenapoya dental College & Hospital, Mangalore on 8/03/14
- “FORENSIC ODONTOLOGY:CLUES OF YESTERDAY,EVIDENCE FOR TODAY” on 25th July by department of Oral Medicine & Radiology, Manipal College of dental sciences, Attavar, Mangalore
- IMMUNOHISTOCHEMISTRY: an advise conducted by department of oral pathology KVG dental College on 19th February 2016.
- CLINPATHCME 2016 organized by Department of Pathology, KVGMC, Sullia on 4th June 2016

❖ Teachers Training program- All Staff members attended teachers training program held at KVG auditorium, KVGDC on 15/09/16-16/09/16.

❖ CDE programs:
The various CDE Programmes attended by Faculty members are:

2012:
- Scientific symposium on “ORAL SYSTEMIC HEALTH “ at KVGDC on 2/7/12
- CDE program on “ANTERIOR ESTHETICS WITH COMPOSITES” lecture/hands on course held at KVG dental college & hospital, Sullia on 16th July 2012.
- Symposium on “ORAL CANCER” at KVG DC on 26/07/12
- Various CDE program held at Indian dental association, Sullia branch, from April 2012 to Nov 2012.
- CDE program on “HIV AND HEPATITIS” at KVG DC , Sullia on 14/09/12
- CDE program on “PERIODONTAL MICROBIOLOGY” at KVG DC on 1/10/12.
- CDE program on “SIGN-OUTS EVERY REPORT COUNTS “ at Manipal college of dental sciences, Manipal on 15/12/12

2013
- CPD program on “MUSEUM TECHNIQUES” held at MCODS, Mangalore on 23/02/13
- CDE program on “IHC-THE FINAL SEAL “ at AJ institute of dental sciences, Mangalore on 28/03/13
- CDE programme on “ENCERE –ANTERIOR ESTHETICS WITH COMPOSITES” at KVG DC on 2/07/13
- CDE programme on “CURRENT CONCEPTS IN MANAGEMENT OF APTHOUS ULCER” at MCODS, Mangalore on 27/7/13
- CDE programme on “FORENSIC ODONTOLOGY” at Yenapoya dental college, Mangalore on 26/09/13

2014
- CPD program on “DIAGNOSIS AND ETHICS- A STRADDLE FOR ORAL CANCER CARE” on 13th Dec 2014 at Manipal University. Gyan O Path-Decoding the slide conducted by Department of Oral Pathology and Microbiology at AB Shetty Memorial institute of dental sciences on 24th February, 2014.
- Tissue microarray conducted by Department of Oral Pathology and Microbiology at Yenopoya college of Dental sciences on 8th March, 2014.
- Prosthetica 14 conducted by Department of Prosthodontics, KVG Dental college on 21st March, 2014.
- Evidence based plaque control and surgical Periodontics conducted by Department of Periodontics, KVG Dental college on 25th March, 2014.
- Forensic odonology conducted by Department of Oral pathology and microbiology, KVG Dental college on 27th March, 2014.
- Remineralisation –is it forever? conducted by Department of Conservative dentistry and Endodontics, KVG Dental college on 4th April, 2014.
- Paedoconscientia IV-Symposium on treatment of cleft lip and palate conducted by Department of Pediatric Dentistry, KVG Dental college on 2nd September, 2014

2015

- ORAL CANCER, CURRENT STATUS & RESEARCH OPPORTUNITIES, CDE programme conducted in Yenopaya university on 23rd March, 2015
- Attended SMILE TORCH programme conducted by dept of orthodontics on 26/06/15. Attended, CPD programme on IMMUNO GUARDS: MAGIC BULLETS OF OUR BODY held on 12th August 2015 at Manipal college of dental sciences, Mangalore.
- Attended “INTERNATIONAL SYMPOSIUM ON HEAD AND NECK TUMORS- TRANSLATION FROM CANCER BIOLOGY TO CANCER MEDICINE” on 3rd and 4th October 2015 by department of oral pathology and microbiology at Manipal college of dental sciences, Manipal.
- Attended CDE programme on ‘RADIODIAGNOSIS: PAST, PRESENT, FUTURE’ held on 24th November 2015 at KVG dental college and hospital, Sullia.
- Attended CDE programme by dept of Pedodontics on YOGASANNA FOR COMPLETE HEALTH on 26/11/15
- Attended CDE programme on ‘PHOTOGRAPHY IN CLINICAL DENTISTRY- THE ART AND SCIENCE’ held on 5/12/15 at KVG dental college and hospital, Sullia.
- Attended 43rd Karnataka state dental conference held on 18th-20th December at B.C road hosted by Puthur branch.
- Attended CDE programme conducted by dept of Prosthodontics on “PROSTHETICA-15”

2016

- Attended CDE programme on ‘IRRIGATION AND IRRIGATION DEVICES’ held on 19th January 2016 at KVG dental college and hospital, Sullia.
- Attended CDE programme & workshop conducted by dept of Oral pathology on IMMUNOHISTOCHEMISTRY: AN ADVICE on 19/02/16
- Attended CDE programme on SPACE INFECTION by dept of OMFS on 23/02/16
- Attended CDE programme conducted by dept of Public health dentistry on ‘U CAN CARVE YOUR OWN FUTURE’ on 17/03/16
- Attended CDE programme conducted by Dept of Pedodontics on the topic DIRECT PULP CAPPING on 24/03/16
- Attended CDE programme on “IMPLANTOLOGY AT TODAYS” conducted by dept of Oral & Maxillofacial Surgery on 13/05/16.
- Attended CDE programme on “ORAL BIOPSY: EXPERIENCE & EXPECTATIONS” on 26/07/2016 at KVG dental college & hospital.

2017

[Type text]
- Attended national level workshop & CDE Programme on “Advances in Lingual orthodontics” on 19/04/17 at KVG dental college & hospital
- Attended CDE programme on “POLYMERASE CHAIN REACTION” on 15/05/17 at KVG dental college & hospital.

28. Student projects
Short study of Undergraduate students:


Post Graduate students- short study: Completed 4(57%) Ongoing 3 (43%)
1. Dr.Vivek Javagal : A comparative study of glycogen positive cells in buccal smears of type 2 diabetes patients(COMPLETED)
2. Dr.Suhasini PD :Sex determination using barr bodies using feulgen stain(COMPLETED)
3. Dr.Shreedevi : Cytomorphological spectrum of cervical lymphnode fine needle aspirate in tertiary cancer centre.(COMPLETED)
4. Dr.Sreejyothi :Extranodal lymphnode in the Head & neck region.A retrospective single centre study over 3 years. (COMPLETED)
5. Dr.Elizabeth Sojan : Assessment of biopsy awareness among the general dental practitioners(ONGOING)

Long study topics of postgraduates are:
1. Dr.Sreejyothi H.K: Cytomorphological analysis of keratinocytes in oral habits. (ONGOING)
2. Dr.Shreedevi: Evaluation of antifungal potential of ethanolic extract of Ixora Coccinea: an invitro study (ONGOING)

Dissertation:

<table>
<thead>
<tr>
<th>Name</th>
<th>Topic</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr.Lubna(2012-2013)</td>
<td>Histopathological correlation of micronuclei with different grades of epithelial dysplasia of the oral cavity by exfoliative cytology</td>
<td>Completed</td>
</tr>
<tr>
<td>Dr.Vivek(2012-2013)</td>
<td>Expression of Survivin in different grades of oral squamous cell carcinoma—an ihc study</td>
<td>Completed</td>
</tr>
<tr>
<td>Dr.Mahesh(2012-2013)</td>
<td>Microwave assisted tissue fixation &amp; processing in tissues of different thickness-a comparative study</td>
<td>Completed</td>
</tr>
<tr>
<td>Dr.Rajalekshmi(2013-2014)</td>
<td>A correlative study of Syndecan-1 expression in different grades of oral epithelial dysplasia</td>
<td>Completed</td>
</tr>
<tr>
<td>Dr.Suhasini(2013-2014)</td>
<td>Apoptotic index, mitotic index &amp; apoptotic to mitotic index ratio in oral epithelial dysplasia &amp; oral scc-a comparative light microscopic study</td>
<td>Completed</td>
</tr>
</tbody>
</table>
Dr.Supriya(2013-2014) | An evaluation of oral candida albicans in smokers with & without lesions-a microbiological study | Completed
---|---|---
Dr.Sreedevi(2014-2015) | Effect of local & commercial arecanut & tobacco products on DNA damage using comet assay | Completed
Dr.Elizabeth(2015-2016) | Assessment of GLUT-1 expression in different grades of oral epithelial dysplasia and oral squamous cell carcinoma projecting as a marker for tumor progression | Ongoing

29. Awards / recognitions received at the national and international level by
- Faculty – Dr.Charan Kaje:
  1. Received best local branch secretary award at 41st state dental Conference held at Madikeri in 2013.
  2. Received best local branch president at 67th National dental Conference held at Delhi in February 2015.
  3. Received best local branch president at 43rd state dental Conference held at B.C Road in December 2015

- Doctoral / post doctoral fellows
  1. Prof(Dr)Harishchandra Rai awarded PhD from Pacific University ,Udaipur
  2. Prof(Dr.)Shaila .M. awarded Phd degree from NITTE university,Mangalore on 17/09/16

- Students
  1. Sunil Martin Stevens of 2009 batch bagged 10th Rank in Oral Pathology in the year 2011-2012
  3. Salma Majeeda Ottakath bagged 9th Rank in Oral Pathology in the year 2012-2013

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any
- Triple O symposium in June 2012 conducted at KVG Dental College and Hospital
- CDE On Forensic Odontology : clues of yesterday , evidence for tomorrow on 27/03/14 conducted at KVG Dental College and Hospital
- Workshop on “Immunohistochemistry: An Advice” on 19/02/16 at KVG Dental college
- CDE on “Biopsy: experience & expectations” on 26/07/16 at KVG Dental College.
- CDE on “Polymerase Chain Reaction” ON 15/05/17 at KVG Dental College

31. Code of ethics for research followed by the departments
All researchers have to take clearance/ permission from the Institutional ethical committee.

32. Student profile programme-wise:

<table>
<thead>
<tr>
<th>Name of the Programme</th>
<th>Year</th>
<th>Applications</th>
<th>Selected</th>
<th>Pass percentage</th>
</tr>
</thead>
</table>

[Type text]
K V G Dental College and Hospital, Sullia

NAAC Self Study Report 2017

33. Diversity of students

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-2013 MDS Batch</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2013-2014 MDS Batch</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014 – 2015MDS Batch</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2015 – 2016MDS Batch</td>
<td>100%</td>
<td></td>
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<td></td>
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</table>

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

None

35. Student progression

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
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<tbody>
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<td>UG to PG</td>
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<td></td>
<td>2014-nil</td>
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<tr>
<td></td>
<td>2015-33%</td>
</tr>
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<td></td>
<td>2016-none</td>
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<tr>
<td>PG to M.Phil.</td>
<td>Nil</td>
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<tr>
<td>PG to Ph.D.</td>
<td>Nil</td>
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<tr>
<td>Ph.D. to Post-Doctoral</td>
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<tr>
<td>Employed</td>
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<tr>
<td>• Campus selection</td>
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</tr>
<tr>
<td>• Other than campus recruitment</td>
<td>Nil</td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>Nil</td>
</tr>
</tbody>
</table>

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
<td>72 %</td>
</tr>
<tr>
<td>from other universities within the State</td>
<td>14 %</td>
</tr>
<tr>
<td>from universities from other States</td>
<td>14 %</td>
</tr>
<tr>
<td>from universities outside the country</td>
<td>None</td>
</tr>
</tbody>
</table>

[Type text]
37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

- Prof (Dr.) Harishchandra Rai completed Ph.D from Pacific University, Udaipur on 16/02/17.
- Dr. Shaila M - completed Ph.D from NITTE university on 17/09/16.
- Dr. Anitha Dayakar pursuing Ph.D from NITTE university.

38. Present details of departmental infrastructural facilities with regard to:

a) Library --- No. of books - 56 and No. of titles - 33
b) Internet facilities for staff and students --- Wifi connection available

39. List of doctoral, post-doctoral students and Research Associates

- From the host institution/university --- Nil
- From other institutions/universities ---- 3 (Dr. Harishchandra Rai, Dr. Shaila M, Dr. Anitha Dayakar)

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 programme(s)? If so, highlight the methodology.

None

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?

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 feedback from the students on staff is taken on a structured questionnaire in respect to curriculum, teaching learning and evaluation.
• Feedback form is analyzed and scrutinized regularly.
• Issues requiring the attention of the department staffs are forwarded to the Head of the department from the Principal for further action.
• Presently feedback forms are uploaded in the college website.

b. 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.

43. List the distinguished alumni of the Department (maximum 10)
   a. Dr. Mahesh- Senior Lecturer, RVS Dental College, Coimbatore.
   b. Dr. Vivek-General Practitioner
   c. Dr. Lubna Nazneen-General Practitioner
   d. Dr. Suhasini PD-General Practitioner
   e. Dr. Rajalekshmi-General Practitioner

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
   • Various workshops, symposiums, cde programmes are conducted by the department from time to time involving external experts.
     1. Triple O symposium in july 2012 conducted at KVG Dental College and Hospital
     2. CDE On “Forensic odontology: Clues of Yesterday, evidence for tomorrow” on 27/03/14 conducted at KVG Dental College and Hospital with Prof(Dr.) Ashith Acharya, HOD Dept of Forensic Odontology, SDM Dharward as guest speaker.
     3. Workshop on “Immunohistochemistry:An Advice” on 19/02/16 at KVG Dental college with Dr. Nirmala Rao, Prof & Dean of MCODS Manipal, Dr. Urmila Khadilkar Prof, department of Pathology, KMC Mangalore and Mr. Sridhar L, CEO nucleus Technologies, Bangalore as guest speakers.
     4. CDE on “Biopsy :experience & expectations” on 26/07/16 at KVG Dental College with Dr. Muraleemohan Choonchar, HOD, Dept. Oral & Maxillofacial Surgery, A.B Shetty Memorial Dental College & Dr. Dinkar Desai prof, Dept of Oral Pathology, AJ institute Of Dental Sciences as guest Speakers.

45. List the teaching methods adopted by the faculty for different programmes.
   Under Graduates – Through powerpoint presentations, Dental anatomy & Histopathology slide discussions, carving demonstrations, seminars, designing posters and video demonstrations.
   Post Graduation- Through seminars, journals, clinical case discussions, chair side clinical investigations, group discussions, interdepartmental meetings, Surgical postings, CDE programs and conferences, short studies, poster & paper presentations & dissertation work.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
   • Conducting regular internal assessments of undergraduate & postgraduate students through theory and practical examination and viva voce.
   • Monthly evaluation of department through monthly progress results.
   • Assessment of students through class test, quiz, group discussions at regular interval of time.
   • The department also has the practice of getting regular feedback analyzed and used for corrective action.
   • Regular assessment of postgraduates through evaluative forms by staff after seminar, Journal clubs & case presentations.

[Type text]
47. Highlight the participation of students and faculty in extension activities

- The faculties and students participate regularly in weekly screening and treatment, field visit and dental camps.
- Chairing various scientific sessions by faculty. Scientific paper & poster presentation by faculty & post graduate students at national and state conferences are as follows:

1. Prof(Dr.) Harishchandra Rai:
   - Participation and contributing as chairperson during the scientific paper session in XXI National conference of IAOMP at Bambolin, Goa. Oct, 2012
   - Participation and contributing as Chairperson during the scientific paper session in 40th Karnataka state dental conference at B.C. Road, Bantwal. Dec 2012
   - Chairing scientific session on “Tissue Microarray” at Yenapoya dental college & hospital, Mangalore on 8/03/14
   - Chairing scientific session at 41st KSDC conference held in Madikeri from 22/11/13 to 24/11/13
   - As chairperson during the scientific paper session in 43rd KSDC conference held at B.C. Road. Dec 2016

Guest lecture

- Prof (Dr) Harishchandra Rai gave a guest Lecture during the Clinico Pathological Conference, held at MCODS, Manipal university, Manipal. Dec, 2012.
- Prof (Dr) Harishchandra Rai gave a guest Lecture during the Clinico Pathological Conference, held at A J Institute of dental sciences, Mangalore. March 2013.
- Prof (Dr) Harishchandra Rai gave a guest Lecture during the OOO Symposium on Oral Cancer, held at K.V.G dental College & Hospital, Sullia.

Paper presentations:

- Paper presentation during the scientific paper session in 40th Karnataka state dental conference at B.C Road, Bantwal. Dec 2012
- Co-authored for Dr. Lubna Nazneen for Paper presentation at 41st KSDC Conference held at Madikeri (22-11-13 to 24-11-13) Topic - “Case presentation on PLGA.”
- Co-authored for Dr. Mahesh Rao for Paper presentation at 41st KSDC Conference held at Madikeri (22-11-13 to 24-11-13) Topic - “Clinicopathologic correlation of Oral Squamous cell carcinoma with age, sex, site and habits of the patient.”
- Co-authored for Dr. Suhasini PD for Paper presentation on the topic “Radicular cyst turning to SOT” at 43rd KSDC Conference, BC Road December 2015
- Co-authored for Dr. Rajalekshmi. V for Paper presentation on the topic ”Dental Stem Cells” at 43rd KSDC Conference, BC Road December 2016.
- Co-authored for Dr. Upsharini H for Paper presentations: Enigmatic odontogenic tumor – a case report at IAOMPA Conference, Bengaluru November 2014
- Co-authored with Dr. Sreedevi for Paper presentation at 43rd KSDC CONFERENCE held at B.C. Road from 18-12-2015 to 20-12-2015. Topic: “Immunohistochemistry”

Poster presentations:
2. **Prof(Dr.)Shaila,M:**

   - Chaired a scientific session in the 40th Karnataka state dental conference-B.C road held from 30th-2nd December 2012
   
   **Paper Presentation:**

[Type text]
• XXI National conference of the Indian association of oral and maxillofacial pathologists (IAOMP) at Bambolin October 26-28,2012. paper presentation- EXFOLIATIVE CYTOMETRY
• 33RD Annual conference of Indian association of biomedical scientists (IABS) in Deralakatte from November 1, 2012. The theme of the conference is ‘RECENT TRENDS AND ADVANCES IN BIOMEDICAL RESEARCH - AN INTEGRATED APPROACH.’ paper presentation – RELIABILITY OF EPITHELIAL CELLS TO DETECT DYSPLASIA.
• 40th Karnataka state dental conference held at HOTEL RANGOLI, B. C road, Bantwal on November 30th, December 1st and 2nd - 2012. paper presentation – GENERAL DENTAL PRACTITIONERS PERSPECTIVE – ORAL CANCER SCREENING.
• 41 Karnataka state dental conference held at Hotel Crystal Court, Madikeri, Nov 22-24, 2013. presented paper. NEW APPROACH FOR DIAGNOSING DYSPLASIA IN ORAL POTENTIALLY MALIGNANT DISORDERS
• Scientific paper presentation titled oral exfoliated cells in oral cancer detection during the “INTERNATIONAL SYMPOSIUM ON HEAD AND NECK TUMORS- TRANSLATION FROM CANCER BIOLOGY TO CANCER MEDICINE” organized on 3rd and 4th October 2015 by the department of oral pathology and microbiology at Manipal college of dental sciences, Manipal.
• Co-authored –along with Dr. Sreejyoti. scientific paper presentation titled SPONTANEOUS REGRESSION OF CANCER : A MIRACLE during the “INTERNATIONAL SYMPOSIUM ON HEAD AND NECK TUMORS- TRANSLATION FROM CANCER BIOLOGY TO CANCER MEDICINE” organized on 3rd and 4th October 2015 by the department of oral pathology and microbiology at Manipal college of dental sciences, Manipal.

Poster presentations:
• Poster presentation during the “INTERNATIONAL SYMPOSIUM ON HEAD AND NECK TUMORS- TRANSLATION FROM CANCER BIOLOGY TO CANCER MEDICINE” organized on 3rd and 4th October 2015 by the department of oral pathology and microbiology at Manipal college of dental sciences, Manipal.

Paper presentations:
• Presented a Scientific paper on “Canalicular Adenoma” at National IAOMP conference held at Goa from 27-29 October 2012
• Scientific Paper presentation “Stem cells- Back to the future” during 40th Karnataka State Dental Conference held on 30th November-2nd December 2012 at B.C. Road, Bantwal.

3. Dr.Anitha Dayakar:
• Chairing scientific paper presentation session at 40th Karnataka state dental conference held on 30th November -2nd December 2012 at B.C road.
• Chairing scientific paper session in 43rd KSDC conference at B.C road, Bantwal held in December 2015

Poster presentations:
• Poster presentation during the “INTERNATIONAL SYMPOSIUM ON HEAD AND NECK TUMORS- TRANSLATION FROM CANCER BIOLOGY TO CANCER MEDICINE” organized on 3rd and 4th October 2015 by the department of oral pathology and microbiology at Manipal college of dental sciences, Manipal.
• Co-authored –along with Dr. Elizabeth scientific poster presentation titled “CANCER STEM CELLS “- A BREAKTHROUGH IN CANCER THERAPY during the “INTERNATIONAL SYMPOSIUM ON HEAD AND NECK TUMORS- TRANSLATION FROM CANCER BIOLOGY TO CANCER MEDICINE” organized on 3rd and 4th October 2015 by the department of oral pathology and microbiology at Manipal college of dental sciences, Manipal.

Paper presentations:
• Presented a Scientific paper on “Canalicular Adenoma” at National IAOMP conference held at Goa from 27-29 October 2012
• Scientific Paper presentation “Stem cells- Back to the future” during 40th Karnataka State Dental Conference held on 30th November-2nd December 2012 at B.C. Road, Bantwal.
Guided PG student Dr. Mahesh Rao for Paper Presentation on “Haemolymphangioma – A case Report” at XIV IAOMP National PG Convention Organized by Dr. R. Ahmed Dental College and Hospital, Kolkata held on 19th and 20th July, 2014

Paper Presentation at 43rd Karnataka State Dental Conference at B.C.Road, Bantwal held in December 2015 on “p53 marker in Oral Cancer – A Relook”.

**Guest lecture:**
- Delivered Guest Lecture on “Oral cancer Biopsy” during Triple O Symposium on Oral Cancer held on 26th July, 2012 at K VG Dental College and Hospital, Sullia.

4. **Dr. Charan Kaje:**
- As chairperson during the scientific paper session in 40th state dental conference held at B.C road in December 2012.
- As chairperson during the scientific paper session in 41st state dental conference held at Madikeri in November 2013.
- As chairperson during the scientific paper session in 42nd state dental conference held at Mangalore in November 2014
- As chairperson during the scientific paper session in 43rd state dental conference held at B.C road December 2015.

5. **Dr. Supriya.H:**
- **Paper presentations**
  - Title: Enigmatic odontogenic tumor –a case report at IAOMPA Conference, Bengaluru November 2014
  - Title : A key to diagnosis: Biopsy –an overview at 43rd KSDC Conference, BC Road December 2015

**Poster presentations:**
- Title: Tooth for truth at 41st KSDC Conference at Madikeri, September 2013.
- Title: Dental stem cells –A promising tool of future at National PG convention, Kolkata, July 2014
- Title: DNA from dental pulp: a light at end of tunnel at IAFO Conference, Mysuru, October 2015

**Paper & Poster presentations by postgraduates.**

1. **Dr. Lubna Nazneen**
- Poster presentation at XXI IAOMP National conference held at Goa(26/10/12 to 28/10/12 ) Topic: “Tooth Morphogenesis: unveiling Genes & molecules behind it”
- Paper presentation at 4th KSDC Conference held at Madikeri (22/11/13 to 24/11/13) Topic - “Case presentation on PLGA”

2. **Dr. Mahesh Rao**
- Poster presentation at XXI IAOMP National conference held at Goa(26/10/12 to 28/10/12 ) Topic: “Focal cemento-osseous dysplasia vs cemento-ossifying fibroma- a diagnostic dilemma.”
- Paper presentation at 41st KSDC Conference held at Madikeri (22/11/13 to 24/11/13) Topic -“ Clinicopathologic correlation of Oral Squamous cell carcinoma with age, sex, site and habits of the patient.”

[Type text]
3. Dr. Vivek Javagal
   - Poster presentation at XXI IAOMP National conference held at Goa (26/10/12 to 28/10/12) Topic: Nanobiosensors: A big role in Oral Cancer detection
   - Paper presentation at 41st KSDC Conference held at Madikeri (22/11/13 to 24/11/13) Topic: A comparative study of glycogen positive cells in buccal smears of type 2 diabetes patients

4. Dr. Suhasini PD
   - Poster presentation on the topic “Migration of neural crest cells for the development of oral structure at 41st KSDC Conference held at Madikeri (22/11/13 to 24/11/13)
   - Poster presentation on the topic “Anatomical perspective of tooth: A tool for identity” at IAFO Conference, Mysuru October 2015
   - Paper presentation on the topic “Radicular cyst turning to SOT” at 43rd KSDC Conference, BC Road December 2015

5. Dr. Rajalekshmi V
   - Poster presentation on the topic “Biopsy awareness among general dental practitioners at 41st KSDC Conference held at Madikeri (22/11/13 to 24/11/13)
   - Poster presentation on the topic “DNA from dental pulp: a light at end of tunnel “at IAFO Conference, Mysuru in October 2015
   - Paper presentation on the topic “Dental Stem Cells” at 43rd KSDC Conference, BC Road on 20/12/15.

6. Dr. Supriya H:
   - Poster: Tooth for truth at 41st KSDC Conference at Madikeri, September 2013.
   - Poster: Dental stem cells – A promising tool of future at National PG convention, Kolkata, July 2014
   - Poster: DNA from dental pulp: a light at end of tunnel at IAFO Conference, Mysuru in October 2015
   - Paper presentations: A key to diagnosis: Biopsy – an overview at 43rd KSDC Conference, BC Road December 2015

7. Dr. Sreejyothi HK
   - Poster presentation at XXI IAOMP National conference held at Bangalore (28-11-14 to 30-11-14) Topic: “Touch Imprint Cytology And Frozen Section: An Intra operative Diagnostic tool.”
   - Poster presentation at XV P.G Convention held at Vadodara from 10-07-15 to 11-07-15 Topic: “Role of Human Papilloma Virus in Oral Cancer”
   - Poster presentation at International Symposium on “Head & Neck tumours” held at Manipal college of dental science, Manipal from 3-10-2015 to 04-10-2015 Topic: “Spontaneous Regression Of Cancer: A Miracle”
   - Paper presentation 43rd KSDC CONFERENCE held at B.C.Road from 18-12-2015 to 20-12-2015 Topic: “Gene Therapy For Oral Squamous Cell Carcinoma- A Promising Future.”

8. Dr. Sreedevi
   - Poster presentation at XXI IAOMP National conference held at Bangalore (28-11-14 to 30-11-14) Topic: “PCR – A Molecular key in diagnosis of oral disease”
• Paper presentation at 43rd KSDC CONFERENCE held at B.C.Road from 18-12-2015 to 20-12-2015. Topic: “Immunohistochemistry”

9. Dr. Elizabeth Sojan:
• Poster presentation at” International symposium on head and neck tumors-Translation from cancer biology to cancer medicine” on 3rd and 4th October 2015 organised by Department of Oral pathology and Microbiology at Manipal college of Dental sciences, Manipal. Topic-“cancer stem cells “- a breakthrough in cancer therapy
• Poster presentation at 43rd Karnataka State Dental Conference on 18th-20th December 2015 at B.C road hosted by Puthur branch. Topic- “Newer diagnostic aids in potentially malignant disorders.”

48. Give details of “beyond syllabus scholarly activities” of the department.
The students are encouraged to participate in seminars, CDE programs. The department encourages post graduate students to publish scientific papers in journal during their training period.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
The department is affiliated to the RGUHS and recognized by DCI.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
Staff members publish scientific papers and do presentations in state level and national conferences. Department has been training the interns in exfoliative cytology and basic staining techniques.

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

**Strength**
1. Faculty with good teaching experience & qualification
2. Infrastructure: well furnished and spacious department
3. Well equipped department and laboratory for immunohistochemistry, biopsy, cytology, microbiology & hematological investigations.
4. Research microscope with a well equipped Pentahead microscope with dark field, phase contrast and polarizing microscopy.
5. Well equipped Department library and internet facilities.
6. Highly qualified technicians.

**Weakness**
1. No funded project.

**Opportunities**
1. IHC investigations in the field of oral cancer
2. Epidemiological studies in OSMF
3. Cytological investigations in the field of pre cancerous and cancerous lesion.

**Challenges**
1. Getting funds from reputed agencies for scientific purposes.
2. Acquiring PCR investigations

52. Future plans of the department.
   a. Conducting more CDEs and Guest lectures on current relevant topics.
   b. Collaborations with other institutions for research and clinical training.

[Type text]
c. To start epidemiological study and short term departmental study  
d. Attract research funds to the department.