PMS COLLEGE OF DENTAL SCIENCE AND RESEARCH

(Affiliated to Kerala University of Health Sciences)

Golden Hills, Venkode (PO), Vattappara, Thiruvananthapuram – 695 028





Proposed View

SELF STUDY REPORT

Submitted to

National Assessment and Accreditation Council PO Box No. 1075, Nagarbhavi, Bangalore-560 072, India

January 2014

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Part I Institutional Data

PREFACE

The PMS College of Dental Science and Research is a premier Self Financing institution in the field of Dental Health & Education in Kerala. The college is a unit of NRI Service and Educational Trust, a registered Minority Muslim Community, charitable trust and the Management is running Dental & Medical hospitals in UAE, plan for starting new institutions. The college is named after the great visionary late Sr. P. M. Shahul Hameed, father of the present Chairman.

The College is located in a beautiful, village in Vembayam Grama Panchayath, Nedumangad Taluk of Trivandrum District, bounded by Hillocks of Western Ghats, well connected by Road, Rail and Air. Located just 12 kilometres north of Kerala's capital Trivandrum, on M.C. Road, and gives a silent beautiful environmental ambience for studies.

College is affiliated to Kerala University since inception in 2002, and later to KUHS from 2010 onwards. At present College is having 1 UG program and 8 PG programs in Dental Science. Through a short span of 10 year PMS College has attained excellence in Dental Sciences by bagging 22 ranks in the University. The College has made its marks in creating awareness in Health Sciences, particularly Dental Sciences. A part from this, the College has been serving the poor people through free Dental treatment. In addition, it is glad to state that the Trust has decided to start a full fledged hospital with a view to extend relevant Health Service to the society. The work has already been started and progressing well.

The management is keen in imparting value based and value added Health Education to the Students. With this view in mind a service of programs have been started, some of which are Certificate and Diploma courses relevant to dentistry with National and International affiliations and expert lectures. The College has already started research project funded by Department of Bio Technology, Government of India, and registration for PhD by Faculty, and student projects. Our vision is to develop the College as a full-fledged Research Centre.

The College has excellent records of cultural and Sports and Games activities. Participations in inter College and inter University competitions are regular and prizes were one in Cultural Activities like light music, solo and group dances, Karnatic music and kathaprasangam. We have good College teams for Cricket, Football, Volley Ball

and Basket ball. We were the winners in inter University tournament for Cricket, consecutively for two years. One of our students has won first prize in body building at district level twice held by Body Building Association, Trivandrum, a member of Indian Olympic Association. Our students regularly donate blood to the needy and in last five years 307 donations were done by 30 students.

The College Community is aware of the growing global standards of quality in Dental Education, and multi accreditation is the key word of the day. By assimilating this aspect, College has gone for ISO Certification in 2003, being the first Dental College in South India to achieve this. This is the Promoting factor for the College to go for NAAC accreditation at the earliest.

The College selects the best Faculty on all India basis and attracting retired Dental experts from Dental Colleges in the state. The Junior and Senior Faculty also attend to patients, as a routine in college. The College is fortunate in having a Dental specialist with national and international exposures as Chairman of the thrust who understand and inspire the College community to march towards excellence.

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Part – I Institutional Data

A) Profile of the Institution

1. Name and address of the institution:

Name: PMS COLLEGE OF DENTAL SCIENCE AND RESEARCH

Address: GOLDEN HILLS, VENKODE (P.O), VATTAPPARA,

THIRUVANANTHAPURAM

City: THIRUVANANTHAPURAM District: THIRUVANANTHAPURAM State: KERALA

Pin code: 695028

Website: www.pmscollege.org

2. For communication: Office

Name	Area/	Tel. No.	Mobile No.	Fax No.	E- mail
	STD				
	code				
Dr. N.O. Varghese	0472	2587878,	09847065697	0472	pmscollege@gmail.com
Principal		2587979	09447123485	2587874	drnovarghese@gmail.com
Dr. Rajesh Pillai	0472	2587878,2	09447744470	0472	pmscollege@gmail.com
Vice Principal		587979		2587874	
Steering	0472	2587878,	09847122768	0472	pmscollege@gmail.com
Committee		2587979	09895160995	2587874	pmsqcm@gmail.com
Coordinators					
Dr. Sudeep Sarath					
Chandran					
Er. Jayadeep. P.K					

Residence

Name	Area/	Tel. No.	Mobile No.	Fax	E- mail
	STD code			No.	
Dr. N.O.	0471	2595697	9847065697		drnovarghese@gmail.com
Varghese					
Principal					
Dr. Rajesh Pillai	0471		09447744470		
Vice Principal					
Steering					
Committee					
Coordinators	0471	2465678	09847122768		
Dr. Sudeep Sarath					
Chandran					Pkjayadeep@yahoo.co.in
Er. Jayadeep. P.K					

3. Financial category of the institution:	
Self- financing	✓
4. a. Type of university	Affiliating
Type of college	Affiliated
b. Status of university	State
5. Is it a recognized minority institution?	
Yes	✓
If yes, specify the minority status: Religious-M	Iuslim Minority
(Certificate copy attac	•
`	,
6. a) Date of establishment of the institution :Date	e, Month & Year
	(dd - mm - yyyy)
	31 12 2 0 0 2
b) University to which the college is affili	ated: Kerala University of Health Sciences
(KUHS).	
7. Is it recognized by DCI? Yes	✓
If yes, date of recognition: (dd - mm - yyyy)	
	1 0 0 6 2 0 0 8
8. Does the University Act provide for autonomy?	
No	X
If yes, has the college applied for autonomy?	
NA O Compage and in comes / as mts.12 comes	
9. Campus area in acres / sq.mts:12 acres	
10. Location of the institution:	
Rural (Certificate attached)	
11. Details of programs offered by the institution: (2012-2013)
11. Details of programs officed by the institution.	2012 2013)

S1.	Program Level	Name of the	Duration	Entry	Medium of	Sanctioned	Number of
No.		Program/		Qualification	instruction	Student	students
		Course				Strength	admitted
i)	Under	BDS	4 ½ years + 1	Higher	English	100	100
	Graduate- UG		Year Internship	Secondary,			
				ISC, 12 th or			
				equivalent			
ii)	Post Graduate-	MDS	3 years	BDS or	English	23	23
	PG			Equivalent			
iii)	Certificate	Laser	3 days	BDS or	English	20	20
	course	Dentistry	-	Equivalent			
iv)	Diploma	Laser	1 year	BDS or	English	25	10
	Course	Dentistry		Equivalent			

12. How many departments are there in your institution? List the departments.

- 17 Departments

Oral Medicine and Radiology;Oral & Maxillofacial Surgery;Conservative Dentistry & Endodontics; Orthodontics & Dentofacial Orthopaedics;Prosthodontics and Crown & Bridge;Periodontics;Paedodontics& Preventive Dentistry;Oral& Maxillofacial Pathology; Preventive and Community Dentistry;Human Anatomy; Human Physiology; Biochemistry;Pharmacology; Microbiology, General Pathology; General Medicine; General Surgery.

13. Unit Cost of Education?

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled) (2012-2013)

- (a) **Including the salary component =** Rs. BDS 2.05 Lakhs MDS 3.64Lakhs
- (b) Excluding the salary component = Rs. BDS 1.34 Lakhs MDS 2.82 Lakhs

B) Criterion –wise inputs

- 1. Criterion I: Curricular Aspects
- 1. Does the College have a stated

	Vision?	Yes		✓
	Mission?	Yes		✓
	Objectives?	Yes		✓
2.	Number of program options			4
3.	Number of subjects taught in the institution	on(Exam Papers U	G =20,PG=	8) UG =37, PG =8
		ı		,
			Numberr	Agency
4.	Number of overseas programmes on camp	pus		University of Genova, Italy
5.	Does the institution offer self- funded pro	grammes? Yes		✓
	If yes, how many courses?`			4
	if yes, now many courses.			

7. Programmes with semester system	No x	
8. Programme with choice based credit system	No X	
9. Programmes with elective options	Yes 🗸	Number 8 (MDS)
10. Courses offered in modular form	Yes 🗸	Number All
11. Courses with ICT enabled teaching learning Process	Yes 🗸	Number 4
12. Programmes where assessment of teachers by the students is practised	Yes 🗸	Number All
13. Programmes with faculty exchange/ visiting faculty	Yes 🗸	Number 2
14. New programmes (UG and PG) introduced during	the last five	vears
Twiten programmes (e.g. and r.g.) meroduced during	Yes 🗸	Number 8
45.61.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	1 . 41 1	4.00
15. Subjects in which major syllabus revision was done		
	Yes 🗸	Number 2
16. Obligatory internship	Yes 🗸	Number 1
17. Introduction of contemporary courses	Yes 🗸	Number 2
18. Is there any mechanism to obtain feedback on curri	cular aspects	from
a. Academic Peers?	Yes 🗸	
b. Alumni?	Yes 🗸	
c. Students?	Yes 🗸	
d. Employers?	Yes 🗸	
e. Patients?	Yes 🗸	
f. Employees?	Yes 🗸	
19. Course evaluation made	Yes 🗸	Number 4

20. Programmes with twinning arrangement/	
international collaboration	Yes

		i .	
Yes	✓	Number	2

21. Any others (**specify**):Courses enriched by providing additional information on the latest development in Dentistry.

2. Criterion II Teaching- Learning and Evaluation

- 1. How are students selected for admission to various courses?
 - a. Common entrance, conducted by Entrance Commissioner, Kerala.



- b. Any Other Specify: 50% Government selection and 50% through the combined Examination held by the Consortium of Self Financing Dental / Medical Colleges as per the agreement signed between the Govt. of Kerala and the Self Financing Colleges.
- 2. Highest and Lowest percentage of marks at the qualifying examination considered for admission during the previous academic year (2012-2013)

	Open category		SC/ST category		Any other (OBC)	
Programmes	Highest	Lowest	Highest	Lowest	Highest	Lowest
(UG and	(%)	(%)	(%)	(%)	(%)	(%)
PG)						
BDS	98.33%	57%	90.91%	61%	94.91%	57%
MDS	72%	55%	66%	66%	72%	55%

- 3. Number of working days in the last academic year: 304
- 4. Number of teaching days in the last academic year: 285
- 5. Number of positions sanctioned and filled

Sanctioned	Filled
105	105
76	76
66	66

Teaching

Non -teaching

Technical

6. a. Number of regular and permanent teachers (gender –wis						
- O A. MIHILDEL OF LEXIMAL AND DEFINALIENT LEACHERS (VEHICE) — WIS	e)	gender –wise	permanent teachers	regular and	a. Number	6.

Professors M 13 F

Readers M 10 F 11

Lecturers	M	28	F	37	
Lectures (Management appointees) – Part time	M	0	F	4]
	Any other	М) F	0	
	Total	M 5	51 F	54]
c. Number of teachers	Same state	M 44	F	54]
	Other states	M 7	F	0]
	Overseas	М) F	0]
			Num	ber%	
7. a. Number of qualified/ permanent teacher percentage to the total number of faculty	rs and their		109	9	100%
b. Teacher: student ratio			109/	512	21.28%
c. Number of teachers with Ph.D. as the hig qualification and their percentage to the total f	-	1	3		2.85%
(3 Nos. of Faculty registered for Ph.D. Program	n& 1 No. Unive	ersity a	pprove	ed Ph	.D guide)
d. Number of teachers with M. Phil as the	highest analific	ation			
and their percentage to the total faculty	· •		Yes		1
e. Number and Percentage of the teachers completed NET and SET exams	who have	Γ	N/A		
completed NET and SET exams		L			
f. Number and Percentage of the Faculty s			All Fac	culties	served
persons in workshops / Seminars/ Conferences during the last five years.			as reso	ource	persons
g. Number of faculty development program	ns availed of by	teach	ers		
Refresher / CDE:			9 10	11	12 13
		3	, ,	3 Drient	5 10 ation for
Orientation:		á	all new		

	years						
1.	CDE and other Faculty Development Programs		09	10	11	12	13
2.	Seminars / workshops / symposia on curricular development, teaching-learning, assessment, etc.		2	2	2	4 ve ye	8
3.	Research management / Research Methodology		1	1	1	2	2
4.	Invited/ endowment lectures	15 N	os. in 5	yea	rs		
8.	Does the institution have the tutor- ward system? If yes, how many students are under the care of a teacher for systematic academic work?	Yes	20				
9.	Remedial programmes offered	Yes	\checkmark	N	lumb	er [
10.	Bridge courses offered	Yes	✓	N	lumb	er [2
11.	Are there Courses ICT – enabled teaching – learning processes?	Yes	✓	N	lumb	er [All
12.	Is there a mechanism for : a. Self appraisal of faculty?	Yes	✓	·			
	b. Student assessment of faculty performance?	Ye	s 🗸	/			
	c. Expert/ Peer assessment of faculty performance	e? Ye	es 🗸	/			
13.	Additional administrative work done by faculty / staff	Yes	s	<u> </u>			
	If yes, number of hours spent by the faculty per month				-	er mo	
14.	Any others (specify): Maintenance of Departmental Library, G	Clinic				n libra nents	
3.	Criterion III: Research, Consultancy and	Exte	ensior	ì			
1.	How many teaching faculty are actively involved in		Numbe	er	% of	total	
	research? (Guiding student research, managing research projects etc.)		16		14.	68 %	

h. Number of faculty development programs organized by the college during the last five

2.	Research collab	orations							
	a) N	ational				Yes	✓		
	If	yes, how i	many?				6		
	· · · · · · · · · · · · · · · · · · ·	yes, how				Yes	✓		
	MOU si	gned with	University of	Genova,	, Italy		1		
3.	Is the faculty in	volved in	consultancy v	vork?	Yes		✓		
	If yes	, consultar	ncy earnings /	year			Free /Paid		
4.	4. Furnish the following details for the past five years								
	a.Number of teachers who have availed themselves of the faculty improvement programs								
	b. Numb	er of natio	onal / interna	tional co	nferences or	ganized	by the institution		
					Nation	al	25		
					Interna	tional	2		
5.	a. Does the instresearch project		ve ongoing / o	complete	d	Yes	✓		
	If yes	, how mai	ny?		On goi	ng	53		
					Compl	eted	29		
	b. Provide the following details about the ongoing research projects								
		Yes	Number	1	Ager	псу	Amt.		
-	Major projects				Departn Biotechr Govt. of	nology,	Rs. 40 Lakhs		
	Minor projects	Yes	Number	7	Self Fu	ınded			
C	University/ College Projects	Yes	Number	45	Self Fu				
	No. of student esearch projects	Yes	Number	45	Self Fu	ınded			

6. Research publications:

International journals	Yes	Number	40
National journals- refereed papers	Yes	Number	194
University/ College journal		Number	
Books	Nil	Number	
Abstracts	Nil	Number	
Any other (specify)	Nil	Number	
Awards, recognition, patents etc. if any (specify)	Yes	Number	49

7.	Presentation of research papers:	Yes	✓	
	If yes, number of papers presented at			
	National seminars		76	
	International seminars		5	
	Any other research activity, spec	cify		
8.	Number of other extracurricular / co-curricular activities organized in collaboration with other agencies / NGOs (such as Rotary/ Lion's etc.)on campus		5	
9.	Extension centres: Ye	es	✓	
10.	Number of regular extension programmes organized by NSS, NCC, etc.		Nil	
11.	. Number of NCC cadets		Nil	
12.	Number of NSS volunteers		Proposed to start	
3.	Criterion IV: Infrastructure and Learning Re	esources		
1	. Campus area in acres		12 Acres	
2	(b) Built in area in sq. meters 2. Working hours of the library		16740 Sq. Mtrs 8 am to 7pm	
	On working days		11 hours	
	On holidays		11 hours	

On Examination days		11 hours
3. Average number of faculty visiting the library	ary/ day	12
4. Average number of students visiting the lib	rary/ day	120
5. Stock of books in the library		
a. Number of Titles		1083
b. Number of Volumes		4330
6. Furnish the information regarding the num of journals subscribed by the institution	ıber	82
7. Open access:	Yes	✓
8. Total collection		
a. Books		4330
b. Textbooks		0
c. Reference books		665
d. Magazines		11
e. Current journals		82
Indian journals		16
Foreign journals		66
f. Peer reviewed journals		66
g. Back volumes of journal	s	62
h. E- information resources	S	
CDs / DVDs		319
Databases		1

Online journals	Ebscohost – Above 500 numbers		
Other AV resources	In Lecture Halls, Library, Auditoriums, Departmental Seminar Rooms etc; Soft		
i. Special collection	wares & CD-ROMs		
UNO Depository Centre		Nil	
World Bank Repository		Nil	
Materials acquired under special-schemes (IEEE, ACM, NBHM, DST etc.)		Nil	
Competitive examinations		90	
Book Bank		Nil	
Braille materials		Nil	
Manuscripts		Nil	
Any other, Please specify		Nil	

$\textbf{9.} \ \ \textbf{Number of books/journals/ periodicals added during the last five years and their cost}$

	The year before last		The y	ear before
	Number	Total Cost	Number	Total Cost
Books	951	Rs. 16,61,758	596	Rs.
				19,50,945
Other books	-	-	-	-
Journals/Periodicals	66			77
Any other-Soft	228		332	
wares & CD-				
ROMS				

10. Mention the

Total carpet area of the Central Library (in sq. ft)	8000 Sq. Ft
Number of departmental libraries	9
Average carpet area of the departmental libraries	200 Sq. Ft

Seating capacity of the Central Library	250
11. Automation of library Yes	✓
Partially automated	✓
Name the application software used	LIBMAS
12. Percentage of library budget in relation to total budget	5%
13. Services/facilities in the library	
Circulation	✓
Clipping	✓
Bibliographic compilation	✓
Reference	✓
Photocopying	✓
Computer and Printing	\checkmark
Internet	✓
Digitalization	✓
Inter-library loan	Х
Power back up	✓
Information display and notification	✓
User orientation/information literacy	✓
Any others. Please specify	Audio Visual Facility
14. Are students allowed to retain books for examinations? Yes	✓

	Average number of books issued/re	turned per day		70
	Average number of users who visite	ed/ consulted pe	er month	1700
	Ratio of library books to the numbe	r of students en	rolled	1:16
16. Comput	ter terminals			
	Number of computers in the college			36
	Number of Departments with comp	uter facilities		12
			L	12
	Central computer facility (Number of	of terminals)		Server
	Budget allotted for computers in the	e last academic	year	Rs. 3 lakhs
	Amount spent on maintenance and	upgrading of	_	
	computer facilities in the last acade	mic year		Rs. 2, 76,519
	Internet connecting facility:		Dialup	✓
			Baseline	✓
			Broadband	BSNL 2
	N. 1. C. 1. 1. 1. 1. 1			
	Number of terminals with Internet f	acility available		
			Students	6
			Teachers	11
		Non-te	aching staff	19
	Workshop/Instrumentation Centre	Yes	Year of Estb.	2010
	Any other (specify)			IT Department
17. Health (Centre	Yes 🗸	Year of Estb.	2003
18. Residen	tial accommodation	_ _ _		
	Faculty	Yes 🔽	Year of Estb.	2003

Non-teaching staff			✓	Year of Estb.	2003
19. Hostels					
If yes, number of s	students residing	g in hoste	els		
	Male	Yes	✓	Number	60
					60
	Female	Yes	\checkmark	Number	244
20. Sports field		Yes	\checkmark	Year of Estb	2003
21. Gymnasium		Yes	\checkmark	Year of Estb	2003
22. Women's rest rooms		Yes	✓	Year of Estb	2003
23. Transport		Yes	\checkmark	Year of Estb	2003
24. Canteen		Yes	\checkmark	Year of Estb	2003
25. Students centre		Yes	✓	Year of Estb	2003
26. Media centre		Yes	\checkmark	Year of Estb	2003
27. Equipments/teaching aids	: LCD projecto	ors			✓
OHP					✓
Slide projectors					✓
TV/VCP/Cable co	nnection				✓
DVD players					√
Edusat/V-sat					✓
28. Indoor sports facilities		Yes	✓	Year of Estb.	2003
29. Any others (specify)		Utilize	e externa	I facility for sports a	nd games

4. Criterion V: Student Support and Progression

1. a Student strength

(Provide information in the following format for the past 5 years)

Student Enrolment	Year		\mathbf{UG}		PG		
Number of students from the same state		M	F	T	M	F	Т
where the institution is located	2007-2008			40			
	2008-2009	10	30	40			
	2009-2010	8	32	40			
	2010-2011	7	33	40	6	2	8
	2011-2012	26	74	100	10	13	23
Number of students from other states	2007-2008	0	0	40	0	0	0
	2008-2009	0	0	40	0	0	0
	2009-2010	0	0	40	0	0	0
	2010-2011	0	0	40	0	0	0
	2011-2012	0	0	100	0	0	0
Number of NRI students	2007-2008	0	0	6	0	0	0
	2008-2009	0	0	6	0	0	0
	2009-2010	0	0	6	0	0	0
	2010-2011	0	0	6	0	0	0
	2011-2012	0	0	15	0	0	0
Number of overseas students	2007-2008	0	0	40	0	0	0
	2008-2009	0	0	40	0	0	0
	2009-2010	0	0	40	0	0	0
	2010-2011	0	0	40	0	0	0
	2011-2012	0	0	100	0	0	0

Male, F- Female, T-Total

2. Student freeships and scholarships: (last year) (2012-2013)

Endowments:
Free ships:
Scholarship (Government)
Scholarship (Institution)
Number of loan facilities:
Any other student financial
Support schemes (specify)

Number	Amount
Nil	Nil
4 Nos	Rs. 9.3 Lakhs
17 Nos	Rs. 9.18 Lakhs
1 No.	Proposed
32 Nos	Rs. 36 Lakhs
Nil	Nil
Nil	Nil

3.	Does the institution obtain feedback from students
	on their campus experience?

Yes

4. Major Cultural Events (Last year data)

	Organized			P	Prizes won		
	Yes	No	Number	Yes	No	Number	
Inter-collegiate	Yes		1	Yes		3	10
Inter-university							
National/State							
Decennium Celebrations & Functions	Yes		3	Yes		30	12

5. Examination Results (past five years)

		2008-2013 UG					2008-2013 PG				
	1	2	3	4	5	1	2	3	4	5	
% of passes											
Number of first classes											
Number of distinctions											
Rank if any											

	Transcr of distinctions											
	Rank if any											
6.	Are there any overseas stu	dents	?				No	X				
	If yes, how many?	•									NA	
7.	How many students have p	oursu	ed po	st-gr	adua	tion,					NA	
	qualified the DNB during t	the la	st five	e yea	rs?							
8.	Student personal counselli	ngcer	itre				Yes	\checkmark	Y	ear	200	3
g	Grievance Redressal Cell						Yes		Y	ear		
•	Grevance Rearessar Cen						105		1	cui	200	3
10.	. Alumni Association						Yes	✓	Y	ear	200	8
		_										
11.	Parent-teacher Association	1/					Yes	✓	Y	ear	200	3
	Open house											

12. Students group insurance scheme	Yes					
13. Number of students using book bank facility (Book	Borrowings)		All St	udents		
14. Career counselling/placement cell			Ex	ists		
15. Single window admission for foreign students			١	NA		
16. Any others (specify)	Close Monito	ring o	f Stude	nt Prog	gress	
5. Criterion VI : Governance and Leaders	hip					
1. Has the institution appointed a permanent Principa	al? Yes	✓				
If yes, Denote the qualifications			M	IDS		
If No, How long has the position been vacant for?				1.0		
			<u> </u>	NA .		
2. Number of professional development programmes held for the Non-teaching staff (last two years)			10	1	12	
3. a. Number of Teaching staff	Permanent	М	51	F	58	
b. Number of Non-teaching staff	Permanent	М	45	F	97	
c. Teaching-Non-teaching staff ratio			109	: 142		
4. Number of management appointees Teaching staff		M 51 F 58			58	
	1.	IVI	1 31	'	1 30	
Non-Te	eaching	М	45	F	97	
5. Percentage of posts filled under reserved categories	:					
a. Teaching	SC/ST			4%		
	OBC			33%		
	Women		5	3.21%		
	General			59%		
		L				
b. Non-Teaching	SC/ST	Γ		19%		

			OBC			4	47%	
			Wome	en		6	8.3%	
			Gener	al			34%	
6.	Number of non-teaching staff devel	opment programmes		08	09	10	11	12
				2	3	5	5	5
7.	Financial resources of the institution	on (approximate amou	nts)-La	ast ye	ar da	ata		
		Grant-in-aid				١	Nil	
		Fees			Rs	. 6.5	Cror	es
		Donation				ľ	Nil	
		Self-funded courses			F	ls. 15	5 Lakh	s
		Alumni association				N	Nil	
		Any other (specify)				١	Nil	
8.	Financial resources of the Institution	on (approximate amo	unt) –B	Sefore	last	yea	r's	data
		Grant-in-aid				١	Vil	
		Fees				4 C	ores	
		Donation				١	Nil	
		Self-funded courses				Prop	osed	
		Alumni association		Γ			Nil	
		Any other (specify)		Γ		N	Nil	

Expenditure	2011-2012	2012-2013
% spent on the salary of faculty	46.42	46.50
% spent on books and journals	4.19	4.20
% spent on the salary of non teaching employees	12	12.20
including estate workers		
% spent on building developmental assistance	12.46	12.50
% spent on maintenance, electricity ,water, sports,	3.75	3.80
examinations, hostels, student amenities, etc.		
% spent on academic activities of departments,	12.01	12.50
laboratories, green house, animal house, etc.		
% spent on equipment, research, teaching aids,	9.17	8.30
seminars, contingency etc.		

10.

Number of meetings of Academic Bodies:	2012-2013
Governing Body	12
Internal Administrative Bodies:	
Academic Committee	6
Library Committee	6
Research and Ethical Committee	6
Internal Quality Assurance Cell	10
Any others (specify)	

11. Welfare Schemes for the academic community (past 5 years) Amount

Loans:	No X
Medical attention	Yes ✓ Rs. 1.5 Cr. / year
Any other (specify)	Medical Insurance, Regional Cancer Centre Insurance
12. Are there ICT supported/ computerized units/process/activities for the following?	
a) Administrative section office	Yes ✓
b) Finance Unit	Yes 🗸
c) Student Admissions	Yes 🗸
d) Placements	Yes ✓
e) Aptitude Testing	Yes 🗸
f) Examinations	Yes 🗸

g)	Student Records	Yes	✓

13.	Any	other	(spe	ecify)
			(~ -	

Exam Hall Computerized, Surveillance Cameras placed with CC TV, Library & Hostels Wi-Fi enabled

Yes

6. Criterion VII: Innovative Practices

- 1. Has the institution established Internal Quality Assurance Mechanisms? Yes
- 2. Do Students participate in the Quality Enhancement initiatives of the Institution?

3. What is the percentage of the following student categories in the institution?

- a. SC 03 %
- b. ST Nil
- c. OBC 58%
- d. Women 73%
- e. Differently-abled
- f. Rural Above 50%
- g. Any other (specify) Nil

4. What is the percentage of the following category of staff?

Category	Teaching staff	%	Non-teaching staff	%
Women	54	51.50	97	68.30

5. What is the percentage incremental academic growth of the following category of students for the last two batches?

	Category	At Admission		At Admission On compl		On completion	n of the course
a.	SC						
b.	ST						

c.	OBC		
d.	Women		
e.	Physically-challenged		
f.	General Category		
g.	Any other (specify)		

6.	Any other	Nil
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1. Name of the Department: 2. Year of Establishment UG: 2005. PG: 2011		Oral Medicine and	Radiology		
2. Year of Establishment Required Present position: Professors: Reader: 2 2 1 2 2 2 1 2 2 2	1.			ne and Rad	iology
Number of Teachers sanctioned and present position: Professors: Reader: 2					
Position: Professors:					
Reader:		*		2	
A. Number of Administrative Staff S. Number of Technical Staff S. Number of Technical Staff S. Number of Technical Staff S. Number of Students PG: 9, UG: 101			2	1	
Solution Students PG: 9, UG: 101		Lectures:	1	2	
Number of Students PG: 9, UG: 101	4.	Number of Administrative Staff		Nil	
7. Demand Ratio (No. of seats: No. of applications) Selection from Govt. approved Entrance Lists Ratio of Teachers to students PG: 1: 1.8, UG: 1: 20.2 9. Number of Research Scholars who had their Master's Degree from other institutions Department 10. The year when the curriculum was revised last two years 11. Number of students passed NET/SLET etc. (last two years) 12. Success Rate (SR) of students – (what is the pass percentage as compared to University Average (UA)?) 13. University Distinction / Ranks: 23 Ranks since 2002 14. Publications by faculty (last 5 years) National: 45, International: 2 15. Awards and recognition received by faculty (last five years) Paculty who have attended national and international seminars (last five years) Pr. Vivek 18 1 10. Faculty who have attended national and international seminars organized (last five years): Pr. Vivek 18 1 17. Number of national and international seminars organized (last five years): Number of ongoing projects and its total outlay PG: 9, Faculty: 3 18. Number of ongoing projects and its total outlay PG: 9, Faculty: 3 19. Number of inventions and patents NIL 19. Number of inventions and patents NIL 19. Number of books in the departmental library, if any CL: 260 DL: 72 20. Research projects completed during the last two years PG: 9, Paculty: 3 21. Number of books in the departmental library, if any CL: 260 DL: 72 22. Number of journals / periodicals CL: 27	5.	Number of Technical Staff		8	
8. Ratio of Teachers to students 9. Number of Research Scholars who had their Master's Degree from other institutions 10. The year when the curriculum was revised last two years) 11. Number of students passed NET/SLET etc. (last two years) 12. Success Rate (SR) of students – (what is the pass percentage as compared to University Average (UA)?) 13. University Distinction / Ranks: 14. Publications by faculty (last 5 years) 16. Faculty who have attended national and international seminars (last five years) 16. Faculty who have attended national and international seminars (last five years) 17. Number of national and international seminars organized (last five years): 18. Number of teachers engaged in consultancy and the revenue generated: 19. Number of ongoing projects and its total outlay 20. Research projects completed during last two years and its total outlay 21. Number of inventions and patents 20. Number of books in the departmental library, if any 22. Number of journals / periodicals 20. Only PG and UG Programs. No Rosesarch Department 20. Dry G and UG Programs. No Rosesarch 20. Dry G and UG Programs. No Rosesarch 20. Dry G and UG Programs. No Rosearch 20. Dry G and UG Programs. No Rosesarch 20. Dry G and C Gry G and C Gry G G G G G G G G G G G G G G G G G G	6.	Number of Students	PG: 9,	1	UG: 101
9. Number of Research Scholars who had their Master's Degree from other institutions 10. The year when the curriculum was revised last 11. Number of students passed NET/SLET etc. (last two years) 12. Success Rate (SR) of students – (what is the pass percentage as compared to University Average (UA)?) 13. University Distinction / Ranks: 14. Publications by faculty (last 5 years) 15. Awards and recognition received by faculty (last five years) 16. Faculty who have attended national and international seminars (last five years) 17. Dr. Vivek 18. 1 18. Number of national and international seminars organized (last five years): 18. Number of national and international seminars organized (last five years): 19. Number of ongoing projects and its total outlay Research projects who have a last two years and its total outlay and the revenue generated: 19. Number of inventions and patents 10. Number of books in the departmental library, if any 24. Number of journals / periodicals Only PG and UG Programs. No Research Department 20. Pagartment 20. Number of Research Department 20. Search projects completed during the last two years 21. Number of books in the departmental library, if any 22. Number of journals / periodicals Only PG and UG Programs. No Research Department 20. PG: 100% NA NA NA NA NA NA NA NA NA N	7.	Demand Ratio (No. of seats: No. of applications)	Selection from Govt.		
Master's Degree from other institutions Department	8.	Ratio of Teachers to students			
10. The year when the curriculum was revised last Number of students passed NET/SLET etc. (last two years) 12. Success Rate (SR) of students − (what is the pass percentage as compared to University Average (UA)?) 13. University Distinction / Ranks: 14. Publications by faculty (last 5 years) 15. Awards and recognition received by faculty (last five years) 16. Faculty who have attended national and international seminars (last five years) 17. Number of national and international seminars organized (last five years): 18. Number of national and international seminars organized (last five years): 19. Number of ongoing projects and its total outlay and the revenue generated: 19. Number of piurnals / PhD. Thesis guided during the last two years 20. Number of books in the departmental library, if any 21. Number of books in the departmental library, if any 22. Number of journals / periodicals 10. Number of journals / periodicals 11. Number of piurnals / periodicals 12. Number of journals / periodicals 13. University Distinction / Ranks: 14. UG: 97.66%, PG: 95% 14. UG: 97.66%, PG: 95% 15. National: 45, International: 2 16. National: 45, International: 2 16. Paculty Conferences (No.) 17. National: 45, International: 2 18. National: 45, International: 2 19. Number of national and international seminars 18. Number of national and international seminars organized (last five years): 19. Number of ongoing projects and its total outlay 20. Research projects completed during last two years and its total outlay 21. Number of books in the departmental library, if any 22. Number of books in the departmental library, if any 23. Number of journals / periodicals 24. Number of journals / periodicals	9.	Number of Research Scholars who had their	Only PG and UG	Programs. 1	No Research
11. Number of students passed NET/SLET etc. (last two years) Success Rate (SR) of students – (what is the pass percentage as compared to University Average (UA)?) UA: UG: 97.66%, PG: 95% (UA)?) 13. University Distinction / Ranks: 23 Ranks since 2002 14. Publications by faculty (last 5 years) National: 45, International: 2 15. Awards and recognition received by faculty (last five years) Faculty who have attended national and international seminars (last five years) Dr. Vivek 18 1 15. Dr. Sunila 13 1 16. Faculty who have attended national and international seminars (last five years) Dr. Vivek 18 1 17. Dr. Sunila Dr. Jincy Thomas 14 1 18. Dr. Rani Mol 9 1 19. Number of national and international seminars organized (last five years): 18. Number of teachers engaged in consultancy and the revenue generated: 19. Number of ongoing projects and its total outlay PG: 9, Faculty: 3 20. Research projects completed during last two years and its total outlay PG: 9, Faculty: 3 21. Number of inventions and patents NIL 22. Number of PhD .Thesis guided during the last two years NIL 23. Number of books in the departmental library, if any CL: 260 DL: 72 24. Number of journals / periodicals CL: 27		Master's Degree from other institutions	Dej	partment	
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13. University Distinction / Ranks: Publications by faculty (last 5 years) National: 45, International: 2			UA: UG: 97.6	66%,	PG: 95%
14. Publications by faculty (last 5 years) National: 45, International: 2 15. Awards and recognition received by faculty (last five years) 16. Faculty who have attended national and international seminars (last five years) 17. Vivek 18 1 18. Dr. Sunila 13 1 19. Thomas 14 1 10. Teani Mol 9 1 10. To Vineeth 8 1 11. Number of national and international seminars organized (last five years): 18. Number of teachers engaged in consultancy and the revenue generated : 19. Number of ongoing projects and its total outlay PG: 9, Faculty: 3 20. Research projects completed during last two years and its total outlay 21. Number of inventions and patents NIL 22. Number of PhD Thesis guided during the last two years any 23. Number of books in the departmental library, if any 24. Number of journals / periodicals CL: 27		· · · ·			
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international seminars (last five years) Dr. Vivek 18					
Dr. Vivek 18 1 Dr. Sunila 13 1 Thomas Dr. Jincy Thomas 14 1 Dr. Rani Mol 9 1 Dr. Vineeth 8 1 17. Number of national and international seminars organized (last five years): 18. Number of teachers engaged in consultancy and the revenue generated: 19. Number of ongoing projects and its total outlay 19. Research projects completed during last two years and its total outlay 19. Number of inventions and patents 19. Number of inventions and patents 19. Number of inventions and patents 19. Number of books in the departmental library, if any 10. CL: 260 , DL: 72 24. Number of journals / periodicals 25. Dr. Vivek 18 1 26. Dr. Vivek 18 1 26. Dr. Sunila 13 27. Thomas 14 28. In the departmental library, if any 28. CL: 27	16.		Faculty		1 1
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Dr. Rani Mol 9 1				1.4	1
Dr. Vineeth 8 1					+
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any 24. Number of journals / periodicals CL: 27		Number of PhD .Thesis guided during the last two			
	23.	2	CL: 260 , DL: 72		: 72
	24.	Number of journals / periodicals	CL: 27		
	25.	Number of Computers	Desk Top Dept.:	2, L	ap Tops: 12

26.	Number of specialty clinics in the department:	TMJ Clinic ,Pain Clini		Cessation
27.	Annual budget	Rs. 1.5 Cores (Total I	For All Dep	artments)
	Oral & Maxillofaci	al Surgerv		
1.	Name of the Department:	Oral & Maxillo	facial Surge	ery
2.	Year of Establishment	PG: 2010,	UG: 200	
3.	Number of Teachers sanctioned and present	Required	Present	
	position: Professors:	1	1	
	Reader :	2	3	
	Senior Lecturer :	1	1	
4.	Number of Administrative Staff	Ni	1	
5.	Number of Technical Staff	7		
6.	Number of Students	PG: 9,	UG: 1	
7.	Demand Ratio (No. of seats: No. of applications)	Selection From Govt ap		
8.	Ratio of Teachers to students	PG: 1: 1.8,	UG: 1: 2	
9.	Number of Research Scholars who had their	Only PG and UG Prog	-	Research
-10	Master's Degree from other institutions	Depart		
10.	The year when the curriculum was revised last	201		
11.	Number of students passed NET/SLET etc. (last	N/A	A	
10	two years)	CD. LIC. 070/	DC: 1/	200/
12.	Success Rate (SR) of students – (what is the pass	SR: UG: 97% , UA: UG: 97.66% ,	PG: 10 PG: 9	
	percentage as compared to University Average (UA)?)	UA: UG: 97.66%,	PG: 9	3%
13.	University Distinction / Ranks:	23 Ranks si	ince 2002	
14.	Publications by faculty (last 5 years) Table:	International: 7	Nationa	1: 32
15.	Awards and recognition received by faculty (last five years)	5		
16.	Faculty who have attended national and	Faculty	Conferer	ices (No.)
	international seminars (last five years)		NA	INT
		Dr. Surej Kumar. L . K	15	0
		Dr. Suvy manuel	10	0
		Dr. Rakesh Koshy	7	0
		Dr.Nikhil Kurien	8	0
		Dr. Sherin .A. Khalam	20	0
17.	Number of national and international seminars	Knaiam 4		
1/.	organized (last five years):	7		
18.	Number of teachers engaged in consultancy and	5		
	the revenue generated :			
19.	Number of ongoing projects and its total outlay	6		
20.	Research projects completed during last two years	3		
	and its total outlay			
21.	Number of inventions and patents	Ni		
22.	Number of PhD .Thesis guided during the last two	Ni	1	

	years	
23.	Number of books in the departmental library, if	DL: 85, CL: 244
	any	
24.	Number of journals / periodicals	DL: 0, CL: 28
25.	Number of Computers	(Desk Top): 1, Laptops: 13
26.	Number of specialty clinics in the department:	3(Cleft, Orthogenetic and trauma clinics)
27.	Annual budget	Rs. 1.5 Cores (Total For All Departments)

	Conservative Dentis	try & Endodontics		
1.	Name of the Department:	Conservative Dentistry	y & Endod	ontics
2.	Year of Establishment	UG: 2002,	PG: 2010	
3.	Number of Teachers sanctioned and present	Required Presen	t	
	position: Professors:	1 2		
	Reader:	2 3		
	Lectures:	1 3		
4.	Number of Administrative Staff	Nil		
5.	Number of Technical Staff	8		
6.	Number of Students		G: 9 (3x3)	
7.	Demand Ratio (No. of seats: No. of applications)	Selection From Govt approve	d Entrance	List
8.	Ratio of Teachers to students	48: 1		
9.	Number of Research Scholars who had their	Only PG and UG Programs. N	No Researc	h
	Master's Degree from other institutions	Department		
10.	The year when the curriculum was revised last	2010		
11.	Number of students passed NET/SLET etc. (last two years)	N A		
12.	Success Rate (SR) of students – (what is the pass	SR: UG: 97%, PC	G: 100%	
	percentage as compared to University Average (UA)?)	UA: UG: 96%, PC	G: 95%	
13.	University Distinction / Ranks:	23 Ranks sind	ce 2002	
14.	Publications by faculty (last 5 years)	Regional: 24, National: 7,	Internation	al: 3
15.	Awards and recognition received by faculty (last five years)	Total 10 for 3	faculty	
16.	Faculty who have attended national and	Faculty	Conferer	ices (No.)
	international seminars (last five years)	[] · · · · · · · · · · · · · · · · · · ·	NA	INT
		Dr. N.O. Varghese	15	2
		Dr. Rajesh Pillai	14	1
		Dr. Unu. S	16	1
		Dr. Asha Sarah Jacob	19	1
		Dr. Afsal	20	2
		Dr. Shan Sainudeen	6	0
17.	Number of national and international seminars organized (last five years):	National 5, International Nil Students	-	Conference
18.	Number of teachers engaged in consultancy and the revenue generated :	All faculty Doing	Consultano	cy
19.	Number of ongoing projects and its total outlay	PG Projects 9, fa	aculty Proj	ects 1
20.	Research projects completed during last two	PG Projec	ets 3	

years and its total outlay	
Number of inventions and patents	Nil
Number of PhD.thesis guided during the last two	3 by one faculty
years	
Number of books in the departmental library, if	DL: 96, CL: 420
any	
Number of journals / periodicals	Journals: 29; Periodicals: 2
Number of Computers	Desk Top Dept.: 2, Lap Tops: Faculty -5, Students:
	9
Number of specialty clinics in the department:	6 - UG Clinic, UG Clinical Lab., PG Clinic,, PG
	Clinical Lab, Microsurgical Theatre, Preclinical Lab
Annual budget 2012-2013	Rs. 1.5 Cores (Total For All Departments)
	Number of inventions and patents Number of PhD.thesis guided during the last two years Number of books in the departmental library, if any Number of journals / periodicals Number of Computers Number of specialty clinics in the department:

	Orthodontics and Dentofacial Orthopaedics				
1.	Name of the Department:	Orthodontics and Dentofacial Orthopaedics			
2.	Year of Establishment	UG: 2002,	PG: 2010)	
3.	Number of Teachers sanctioned and present	Required	Present		
	position: Professors:	1	2		
	Reader:	2	1		
	Senior Lecturer:	1	4		
	Junior Lecturer:		2		
4.	Number of Administrative Staff	Nil			
5.	Number of Technical Staff	2			
6.	Number of Students	PG: 9, UC	G: 156		
7.	Demand Ratio (No. of seats: No. of	Selection From Govt approv	ved Entrance	e List	
	applications)				
8.	Ratio of Teachers to students	PG: 1: 1, U	G: 1: 17		
9.	Number of Research Scholars who had their	Only PG and UG Programs. No	o Research		
	Master's Degree from other institutions	Department			
10.	The year when the curriculum was revised last	2010			
11.	Number of students passed NET/SLET etc.	NA			
	(last two years)				
12.	Success Rate (SR) of students – (what is the	SR: UG: 97%,	PG: 100%		
	pass percentage as compared to University	UA: UG: 97.66%,	PG: 95%		
	Average (UA)?)				
13.	University Distinction / Ranks:	23 Ranks since	2002		
14.	Publications by faculty (last 5 years)	National: 9 Inter	rnational: 4		
15.	Awards and recognition received by faculty (Dr. Madhav Manoj (MOrtho R	CS(Edin))		
	last five years)				
16.	Faculty who have attended national and	Faculty	Confere	nces	
	international seminars (last five years)		(No.)	
			NA	INT	
		Dr. Roopesh	7	0	
		Dr.Madhav Manoj	10	0	
		Dr.Deepu Leander	6	0	
		Dr.Reshma Raveendran	8	0	
		Dr. Jobin Baby	17	0	

17.	Number of national and international seminars	National: 2, International: 0	
	organized (last five years):		
18.	Number of teachers engaged in consultancy	2	
	and the revenue generated:	12 lakhs per annum	
19.	Number of ongoing projects and its total	Student Projects: 9, Faculty Projects: 1 (Self	
	outlay	Funded)	
20.	Research projects completed during last two	3	
	years and its total outlay		
21.	Number of inventions and patents	Nil	
22.	Number of PhD .Thesis guided during the last	NA	
	two years		
23.	Number of books in the departmental library,	DL: 150, CL: 390	
	if any		
24.	Number of journals / periodicals	DL: 0 CL: 12,	
25.	Number of Computers	Desk Top: 1, Laptops: 14	
26.	Number of specialty clinics in the department:	2, Cleft speciality clinics	
		Orthognathic surgery speciality clinics	
27.	Annual budget	Rs. 1.5 Cores (Total For All Departments)	

Prosthodontics				
1	Name of the Department	Prosthodontics		
2	Year of Establishment	UG: 2002, PG: 2010		PG: 2010
3	Number of Teachers sanctioned and present	Required Present		Present
	position:	1		2
	Professors:	2		3
	Reader:	1		1
	Senior Lecturer :			
4	Number of administrative staff		NIL	
5	Number of technical staff		2	
6	Number of Students	PG:		UG: 314
7	Demand Ratio (No. of seats :No. of Applications)	Selection From		
8	Ratio of teachers to students	PG: 1: 1		UG: 1: 52.33
9	Number of research scholars who had their masters	Only PG		ms. No Research
	degree from other institutions		Departme	nt
10	The year when the curriculum was revised last		2010	
11	Number of students passed NET/SLET etc. (last		NA	
	two years)			
12	Success Rate (SR)of students (what is the pass		,	: 100%
	percentage as compared to University	UA: UG:	97.66%, PG	: 95%
	Average(UA))			
13	University Distinction/Ranks	23 Ranks since 2002		
14	Publications by faculty (last five years)	Nation	al : 25, In	ternational: 2
15	Awards in recognition received by faculty(last five years)		11	
16	Faculty who have attended National and	Faculty	Conferen	nces (No.)
	International Seminars(last five years)		NA	INT
		Dr. Alex	9	12
		Mathew		
		Dr. Sudeep.S	7	2
		Dr. Dinesh	14	2
		Dr. Noxy	9	0
		Dr.Sheeba	9	0
		Dr.Sapna	4	1
17	Number of National and International Seminars organized(last five years)		5	
18	Number of teachers engaged in consultancy and the revenue generated		5	
19	Number of ongoing projects and total outlay	Student Projects: 6 (Self Funded)		(Self Funded)
20	Research projects completed during the last two			•
	years and its total outlay	Faculty Projects: 4,Student Projects: 6(Self Funded)		
21	Number of inventions and patents		Nil	
22	Number of PhD. Thesis guided during the last two years	NA		
23	Number of books in the department library	DL: 167, CL: 295		CL: 295
24	Number of Journals/Periodicals	CL: 2	25, Ba	ack Volumes- 16
25	Number of computers	Desk Top: 1, Lap Tops: 14		
26	Number of specialty clinics in the Department		NE: IMPLANT	
27	Annual Budget	Rs. 1.5 Cores (Total For All Departments)		

Periodontics						
1.	Name of the Department:	Periodontics				
2.	Year of Establishment	UG: 2005, PG: 2010		0		
3.	Number of Teachers sanctioned and present position:	Required	Present			
	Professors-Associate Professor:	1	1			
	Reader:	2	3			
	Assistant Professors:	1	2			
4.	Number of Administrative Staff	N	Vil			
5.	Number of Technical Staff		6			
6.	Number of Students	PG: 6 ,	UG: 12			
7.	Demand Ratio (No. of seats: No. of applications)	Selection From Govt a				
8.	Ratio of Teachers to students	PG: 1: 1,				
9.	Number of Research Scholars who had their Master's Degree	Only PG and UG Prog	rams. No R	esearch		
	from other institutions	Department				
10.	The year when the curriculum was revised last		2010			
11.	Number of students passed NET/SLET etc. (last two years)		A			
12.	Success Rate (SR) of students – (what is the pass percentage as	SR: UG: 97%,		100%		
	compared to University Average (UA)?	UA: UG: 97.66%		95%		
13.	University Distinction / Ranks:		since 2002			
14.	Publications by faculty (last 5 years)	International: 10,	Nation	al: 23		
15.	Awards and recognition received by faculty (last five years)		2			
16.	Faculty who have attended national and international seminars	Faculty		ces (No.)		
	(last five years)		NA	INT		
		Dr.Seba Abraham	19	0		
		Dr. Ambili	16	0		
		Dr.Arunima P.R	13	0		
		Dr.Reeja Mol	9	1		
		Dr. Preeja	7	0		
		Dr. Archana	2	0		
17.	Number of national and international seminars organized (last five years):	2	2			
18.	Number of teachers engaged in consultancy and the revenue generated :	<u>'</u>	3			
19.	Number of ongoing projects and its total outlay	Student Projects: 6, 1	Faculty Pro	jects: 2,		
	<u> </u>	Part time PhD.: 1 (S		<u> </u>		
20.	Research projects completed during last two years and its total outlay	2 (Self	Funded)			
21.	Number of inventions and patents	Nil				
22.	Number of PhD .Thesis guided during the last two years	Nil				
23.	Number of books in the departmental library, if any	DL: 86,	CL:	214		
24.	Number of journals / periodicals	CL: 24,	DL: 1			
25.	Number of Computers	Desk Top: 1,	Lap Top	s: 12		
26.	Number of specialty clinics in the department:	2 (Common with Pros	thodontics a	& Surgery)		
27.	Annual budget	Rs. 1.5 Cores (Total For All Departments)				
	Peadodontics and Preventive Dentistry					
1.	Name of the Department:	Peadodontics and I	Preventive I	Dentistry		

2.	Year of Establishment	UG: 2005,	PG:	2010
3.	Number of Teachers sanctioned and present position:	Required	Present	
	Professors-Associate Professor:	1	2	
	Reader:	2	1	
	Senior Lecturer:	1	3	
4.	Number of Administrative Staff		Nil	
5.	Number of Technical Staff		6	
6.	Number of Students	PG: 9		
7.	Demand Ratio (No. of seats: No. of applications)	Selection From Go	,	rongo List
8.	Ratio of Teachers to students	PG: 1: 1.:		
9.	Number of Research Scholars who had their Master's Degree	Only PG and UG	/	
9.	from other institutions	Department	Programs. No Ke	search
10		Department	2010	
10.	The year when the curriculum was revised last			
11.	Number of students passed NET/SLET etc. (last two years)	ab Ha	N A	1000/
12.	Success Rate (SR) of students – (what is the pass percentage as	SR: UG: 9		: 100%
10	compared to University Average (UA)?			: 95%
13.	University Distinction / Ranks:	23 Ranks since 2002		
14.	Publications by faculty (last 5 years):	International		1: 13
15.	Awards and recognition received by faculty (last five years)		1	
16.	Faculty who have attended national and international seminars	Faculty	Conference	es (No.)
	(last five years)		NA	INT
		Dr. Sajeena	2	0
		Dr. Anand Raj	8	0
		Dr. Jyothi	3	0
		Dr. Sheen	12	0
		Dr.Anoop	11	0
17.	Number of national and international seminars organized (last five years):	National: 1		
18.	Number of teachers engaged in consultancy and the revenue generated :	6		
19.	Number of ongoing projects and its total outlay	Student Projects: 6 (Self Funded)		ded)
20.	Research projects completed during last two years and its total outlay	3 (Self Funded)		
21.	Number of inventions and patents		Nil	
22.	Number of PhD .Thesis guided during the last two years	NA NA		
23.	Number of books in the departmental library, if any			L: 178
24.	Number of journals / periodicals			L: 0
25.	Number of Computers	Desk Top: 1,		
26.	Number of specialty clinics in the department:	205K 10p. 1,	Nil	20. 10
27.	Annual budget	Rs. 1.5 Cores (T	_ ,	artments)
<i>21</i> .	minuai odugot	1.5. 1.5 Coles (1	our or An Dep	ar tillelits)

Oral and Maxillofacial Pathology				
1.	Name of the Department:	Oral and Maxillofacial Pathology		
2.	Year of Establishment	UG: 2002, PG: 2011		
3.	Number of Teachers sanctioned and present position:	Required	Present	
	Professors-Associate Professor:	1	2	
	Reader:	2	1	
	Senior Lectures:	1	2	
4.	Number of Administrative Staff	N	il	
5.	Number of Technical Staff	2		
6.	Number of Students	UG: 258,	PG: 9	
7.	Demand Ratio (No. of seats: No. of applications)	Selection From Govt a		
		List		
8.	Ratio of Teachers to students	UG: 1: 51.6,	PG: 1: 1.8	
9.	Number of Research Scholars who had their Master's Degree	Only PG and UG Pro	grams. No Research	
	from other institutions	Depar	tment	
10.	The year when the curriculum was revised last	20		
11.	Number of students passed NET/SLET etc. (last two years)	N.		
12.	Success Rate (SR) of students – (what is the pass percentage as	SR: UG: 97%,		
	compared to University Average (UA)?)	UA: UG: 97.669		
13.	University Distinction / Ranks:	23 Ranks since 2002		
14.	Publications by faculty (last 5 years)	International: 4, National: 26		
15.	Awards and recognition received by faculty (last five years)	8		
16.	Faculty who have attended national and international seminars	Faculty Conferences		
	(last five years)		(No.)	
			NA INT	
		Dr. Bindu J Nair	41 0	
		Dr. Siva Kumar	12 0	
		Dr. Anna P Joseph	10 1	
		Dr. Varun .B.R	11 1	
		Dr.Vinod Mony	11 0	
17.	Number of national and international seminars organized (last five years):	Nation	nal: 2	
18.	Number of teachers engaged in consultancy and the revenue generated :	4		
19.	Number of ongoing projects and its total outlay	Faculty Project: 1 (D) Project		
20.	Research projects completed during last two years and its total outlay	Student P		
21.	Number of inventions and patents	N	il	
22.	Number of PhD .Thesis guided during the last two years	N		
23.	Number of books in the departmental library, if any		DL: 95	
24.	Number of journals / periodicals	CL: 23,	DL: 0	
25.	Number of Computers	Desk Top: 1,	Lap Tops: 14	
26.	Number of specialty clinics in the department:	•	Pathology Clinic	
27.	Annual budget	Rs. 1.5 Cores		
		Departi	•	

Public Health and Preventive Dentistry				
1.	Name of the Department:	Public Health and P	reventive I	Dentistry
2.	Year of Establishment	UG:	2003	
3.	Number of Teachers sanctioned and present position: Professors:	Required	Present	
	Reader:	1	1	
	Lectures:	2	2	
		1	1	
4.	Number of Administrative Staff	N	;1	
5.	Number of Technical Staff	1		
6.	Number of Students	1		
7.	Demand Ratio (No. of seats: No. of applications)	Selection From Gov		Entrance
/.	Demand Rano (No. of seats. No. of applications)	Li		Elitrance
8.	Ratio of Teachers to students	1: .		
9.	Number of Research Scholars who had their Master's Degree	Only PG and UG Prog		Research
).	from other institutions	Department	grains. 140 i	Research
10.	The year when the curriculum was revised last	20	10	
11.	Number of students passed NET/SLET etc. (last two years)	N.		
12.	Success Rate (SR) of students – (what is the pass percentage as	SR: UG: 97%,	PG	: 100%
	compared to University Average (UA)?)	UA: UG: 96%,		: 95%
13.	University Distinction / Ranks:	23 Ranks s	since 2002	
14.	Publications by faculty (last 5 years)	National: 13,	Internati	onal: 2
15.	Awards and recognition received by faculty (last five years)	N	il	
16.	Faculty who have attended national and international seminars (Faculty	Conferer	nces (No.)
	last five years)		NA	INT
		Dr. Seba Abraham	19	0
		Dr. Sunitha		
17.	Number of national and international seminars organized (last	N	il	
	five years):			
17. 18.	five years): Number of teachers engaged in consultancy and the revenue	N N		
	five years): Number of teachers engaged in consultancy and the revenue generated:	N	il	
18.	five years): Number of teachers engaged in consultancy and the revenue		il il	
18. 19.	five years): Number of teachers engaged in consultancy and the revenue generated: Number of ongoing projects and its total outlay	N N	il il	
18. 19.	five years): Number of teachers engaged in consultancy and the revenue generated: Number of ongoing projects and its total outlay Research projects completed during last two years and its total outlay	N N	il il	
18. 19. 20.	five years): Number of teachers engaged in consultancy and the revenue generated: Number of ongoing projects and its total outlay Research projects completed during last two years and its total	N N N	il il il	
18. 19. 20.	five years): Number of teachers engaged in consultancy and the revenue generated: Number of ongoing projects and its total outlay Research projects completed during last two years and its total outlay Number of inventions and patents	N N N	il il il	235
18. 19. 20. 21. 22.	five years): Number of teachers engaged in consultancy and the revenue generated: Number of ongoing projects and its total outlay Research projects completed during last two years and its total outlay Number of inventions and patents Number of PhD .Thesis guided during the last two years	N N N N	il il il cL:	235 ernational:
18. 19. 20. 21. 22. 23.	five years): Number of teachers engaged in consultancy and the revenue generated: Number of ongoing projects and its total outlay Research projects completed during last two years and its total outlay Number of inventions and patents Number of PhD .Thesis guided during the last two years Number of books in the departmental library, if any	N N N N N DL: 38,	il il il il CL: onal:, Into	
18. 19. 20. 21. 22. 23. 24.	five years): Number of teachers engaged in consultancy and the revenue generated: Number of ongoing projects and its total outlay Research projects completed during last two years and its total outlay Number of inventions and patents Number of PhD .Thesis guided during the last two years Number of books in the departmental library, if any Number of journals / periodicals	N N N N N DL: 38, Regional:, Natio	il il il il CL: onal:, Into	

	Human Anatomy			
1.	Name of the Department:	Human Anatomy		
2.	Year of Establishment	2002		
3.	Number of Teachers sanctioned and present position:	Required Present		
	Professor:			
	Reader :	1		
	Lectures:	1 3		
4.	Number of Administrative Staff	1		
5.	Number of Technical Staff	2		
6.	Number of Students	PG: 23, UG: 151		
7.	Demand Ratio (No. of seats: No. of applications)	Selection From Govt approved Entrance List		
8.	Ratio of Teachers to students	PG: 1: 5.75, UG: 1: 37.75		
9.	Number of Research Scholars who had their Master's Degree	Only PG and UG Programs. No		
	from other institutions	Research Department		
10.	The year when the curriculum was revised last	2010		
11.	Number of students passed NET/SLET etc. (last two years)	NA		
12.	Success Rate (SR) of students – (what is the pass percentage as	SR: UG: 97% , PG:		
	compared to University Average (UA)?)	100%		
		UA: UG: 97.66%, PG:		
10	III ' ' D' ' ' ' D I	95%		
13.	University Distinction / Ranks:	23 Ranks since 2002		
14.	Publications by faculty (last 5 years)	International: 1, National: 0		
15.	Awards and recognition received by faculty (last five years)	Nil		
16.	Faculty who have attended national and international seminars (last five years)	International: 0, National: 6		
17.	Number of national and international seminars organized (last five years):	International: 0, National: 1		
18.	Number of teachers engaged in consultancy and the revenue	Nil		
10.	generated:	1111		
19.	Number of ongoing projects and its total outlay	Nil		
20.	Research projects completed during last two years and its total	Faculty Projects: 2		
	outlay			
21.	Number of inventions and patents	Nil		
22.	Number of PhD .Thesis guided during the last two years	Nil		
23.	Number of books in the departmental library, if any	DL: 31, CL: 239		
24.	Number of journals / periodicals	Nil		
25.	Number of Computers	Desk Top: 1, Lap Tops: 27		
26.	Number of specialty clinics in the department:	Nil		
27.	Annual budget	Rs. 1.5 Cores (Total For All		
		Departments)		

	Human Physiology			
1.	Name of the Department:	Human Physiology		
2.	Year of Establishment	2002		
3.	Number of Teachers sanctioned and present position:	Required	Present	
	Professor:	-		
	Reader:	1	1	
	Lectures:	2	2	
4.	Number of Administrative Staff		1	

5.	Number of Technical Staff	3		
6.	Number of Students	PG: 23, UG: 157		
7.	Demand Ratio (No. of seats: No. of applications)	Selection From Govt approved Entrance		
		List		
8.	Ratio of Teachers to students	PG: 1: 7.66 , UG: 1: 52.33		
9.	Number of Research Scholars who had their Master's Degree from	Only PG and UG Programs. No Res	earch	
	other institutions	Department		
10.	The year when the curriculum was revised last	2010		
11.	Number of students passed NET/SLET etc. (last two years)	Nil		
12.	Success Rate (SR) of students – (what is the pass percentage as	SR: UG: 97% PG: 10	0%	
	compared to University Average (UA)?)	UA: UG: 97.66% , PG: 95	5%	
13.	University Distinction / Ranks:	23 Ranks since 2002		
14.	Publications by faculty (last 5 years)	International: 3, National:	0	
		Under process: 2 (INT)		
15.	Awards and recognition received by faculty (last five years)	2		
16.	Faculty who have attended national and international seminars (International: 3, National:	6	
	last five years)			
17.	Number of national and international seminars organized (last five	Nil		
	years):			
18.	Number of teachers engaged in consultancy and the revenue	Nil		
	generated:			
19.	Number of ongoing projects and its total outlay	1 (Self Funded)		
20.	Research projects completed during last two years and its total	Nil		
	outlay			
21.	Number of inventions and patents	Nil		
22.	Number of PhD .Thesis guided during the last two years	Nil		
23.	Number of books in the departmental library, if any	DL: 0, CL: 156		
24.	Number of journals / periodicals	Nil		
25.	Number of Computers	Desk Top: 1, Lap Tops: 2	26	
26.	Number of specialty clinics in the department:	No		
27.	Annual budget	Rs. 1.5 Cores (Total For All		
		Departments)		

	Biochemistry			
1.	Name of the Department:	Biochemistry		
2.	Year of Establishment	2002		
3.	Number of Teachers sanctioned and present position:	Required	Present	
	Professor:			
	Reader:	1	1	
	Lectures:	2	2	
4.	Number of Administrative Staff	1		
5.	Number of Technical Staff		3	
6.	Number of Students	PG: 23,	UG: 157	
7.	Demand Ratio (No. of seats: No. of applications)	Selection From Govt	approved Entrance List	
8.	Ratio of Teachers to students	PG: 1: 7.66	, UG: 1: 52.33	
9.	Number of Research Scholars who had their Master's Degree	Only PG and UG P	rograms. No Research	
	from other institutions	Department		
10.	The year when the curriculum was revised last	2010		
11.	Number of students passed NET/SLET etc. (last two years)	Nil		
12.	Success Rate (SR) of students – (what is the pass percentage as	SR: UG: 97%	PG: 100%	

	compared to University Average (UA)?)	UA: UG: 97.66%, PG: 95%	
13.	University Distinction / Ranks:	23 Ranks since 2002	
14.	Publications by faculty (last 5 years)	International: 6, National: 0	
15.	Awards and recognition received by faculty (last five years)	Nil	
16.	Faculty who have attended national and international seminars	National: 10, International: 3	
	(last five years)	(Since 1997)	
17.	Number of national and international seminars organized (last	International: 0, National: 1	
	five years):		
18.	Number of teachers engaged in consultancy and the revenue	Nil	
	generated:		
19.	Number of ongoing projects and its total outlay	Nil	
20.	Research projects completed during last two years and its total	Student Project: 6, Faculty Project: 0	
	outlay		
21.	Number of inventions and patents	Nil	
22.	Number of PhD .Thesis guided during the last two years	Nil	
23.	Number of books in the departmental library, if any	DL: 14, CL: 123	
24.	Number of journals / periodicals	Nil	
25.	Number of Computers	Desk Top: 1, Lap Tops: 26	
26.	Number of specialty clinics in the department:	Nil	
27.	Annual budget	Rs. 1.5 Cores (Total For All Departments)	

	Pharmacology			
1.	Name of the Department:	Pharmacology		
2.	Year of Establishment	2002		
3.	Number of Teachers sanctioned and present position:	Required Present		
	Professor:	-		
	Reader:	1		1
	Lectures:	3		3
4.	Number of Administrative Staff		1	
5.	Number of Technical Staff		4	
6.	Number of Students	PG: 23,	UG: 84	
7.	Demand Ratio (No. of seats: No. of applications)	Selection From Gov	t approved Enti	ance List
8.	Ratio of Teachers to students	PG: , UG:	1:29	
9.	Number of Research Scholars who had their Master's Degree	Only PG and UG Pro	grams. No Res	earch
	from other institutions	Department		
10.	The year when the curriculum was revised last	2	2010	
11.	Number of students passed NET/SLET etc. (last two years)		NA	
12.	Success Rate (SR) of students – (what is the pass percentage as	SR: UG: 97%	PG: 10	00%
	compared to University Average (UA)?)	UA: UG: 97.669	% , PG: 9:	5%
13.	University Distinction / Ranks:	23 Rank	s since 2002	
14.	Publications by faculty (last 5 years)	INT: 3,	NA: 4	
15.	Awards and recognition received by faculty (last five years)		2	
16.	Faculty who have attended national and international seminars	Faculty	Conferences	s (No.)
	(last five years)		NA	INT
		Dr. Jerry Heison	3	0
		Robert		
		Dr. Babitha K	3	0
		Vazhayil		
17.	Number of national and international seminars organized (last		NIL	
	five years):			

18.	Number of teachers engaged in consultancy and the revenue	Two	
	generated:		
19.	Number of ongoing projects and its total outlay	3	
20.	Research projects completed during last two years and its total	3	
	outlay		
21.	Number of inventions and patents	NIL	
22.	Number of PhD .Thesis guided during the last two years	6	
23.	Number of books in the departmental library, if any	DL:20, CL: 176	
24.	Number of journals / periodicals	NIL	
25.	Number of Computers	Desk Top: 1, Lap Tops: 27	
26.	Number of specialty clinics in the department:	NA	
27.	Annual budget	Rs. 1.5 Cores (Total For All Departments)	

	Microbiology				
1.	Name of the Department:		Micro	biology	
2.	Year of Establishment		2002		
3.	Number of Teachers sanctioned and present position:	achers sanctioned and present position: Required	Required		Present
	Professor:				
	Reader:	1		1	
	Lectures:	2		2	
4.	Number of Administrative Staff			1	
5.	Number of Technical Staff			4	
6.	Number of Students		PG: 23,	UG: 8	3
7.	Demand Ratio (No. of seats: No. of applications)	Selection	From Go	vt approv	ed Entrance
		List			
8.	Ratio of Teachers to students		1	: 28	
9.	Number of Research Scholars who had their Master's Degree from	Only PG	and UG P	rograms. l	No
	other institutions	Research	Departme	nt	
10.	The year when the curriculum was revised last		2	010	
11.	Number of students passed NET/SLET etc. (last two years)		1	NA	
12.	Success Rate (SR) of students – (what is the pass percentage as	SR:	UG: 97%		PG: 100%
	compared to University Average (UA)?)	UA:	UG: 97.6	6%, PG: 95%	
13.	University Distinction / Ranks:		23 Ranks	since 200)2
14.	Publications by faculty (last 5 years)	IN	T: 1	1	NA: 1
15.	Awards and recognition received by faculty (last five years)				
16.	Faculty who have attended national and international seminars (Fac	ulty	Confere	ences (No.)
	last five years)			NA	INT
		Dr. Sh	eena .N	2	2
17.	Number of national and international seminars organized (last five		ľ	VIL .	_
	years):				
18.	Number of teachers engaged in consultancy and the revenue		1	NIL	
	generated:				
19.	Number of ongoing projects and its total outlay		NIL		
20.	Research projects completed during last two years and its total		NIL		
	outlay				
21.	Number of inventions and patents		<u> </u>	VIL	
22.	Number of PhD .Thesis guided during the last two years			2	
23.	Number of books in the departmental library, if any		DL: 30	, CL: 162	2
24.	Number of journals / periodicals		N	NIL	

25.	Number of Computers	Desk Top: 1, Lap Tops: 23		
26.	Number of specialty clinics in the department:	NA		
27.	Annual budget	Rs. 1.5 Cores (Total For All		
		Departments)		

	General Pathology				
1.	Name of the Department:	General Pathology			
2.	Year of Establishment	2002			
3.	Number of Teachers sanctioned and present position: Professors:	Required	Present		
	Reader:	-			
	Lectures:	1	1		
		2	2		
4.	Number of Administrative Staff	PG: 23 , UC	G: 83		
5.	Number of Technical Staff	4			
6.	Number of Students	PG: 23 , UC	G: 83		
7.	Demand Ratio (No. of seats: No. of applications)	Selection from Govt. appr Lists	roved Entrance		
8.	Ratio of Teachers to students				
9.	Number of Research Scholars who had their Master's Degree from	Only PG and UG Pro	ograms. No		
	other institutions	Research Depar	rtment		
10.	The year when the curriculum was revised last	2010			
11.	Number of students passed NET/SLET etc. (last two years)	NA			
12.	Success Rate (SR) of students – (what is the pass percentage as	SR: UG: 97%,	PG:		
	compared to University Average (UA)?)	100%			
		UA: UG: 97.66%,	PG:		
		95%			
13.	University Distinction / Ranks:	23 Ranks since	2002		
14.	Publications by faculty	NIL			
15.	Awards and recognition received by faculty (last five years)	NIL			
16.	Faculty who have attended national and international seminars (last five years)	INT: 3	NA: 12		
17.	Number of national and international seminars organized (last five years):	NIL			
18.	Number of teachers engaged in consultancy and the revenue generated:	NIL			
19.	Number of ongoing projects and its total outlay	NIL			
20.	Research projects completed during last two years and its total outlay	NIL			
21.	Number of inventions and patents	NIL			
22.	Number of PhD .Thesis guided during the last two years	NIL			
23.	Number of books in the departmental library, if any	158			
24.	Number of journals / periodicals	42			
25.	Number of Computers	Desk Top: 1, L	ap Tops: 23		
26.	Number of specialty clinics in the department:	NIL			
27.	Annual budget	Rs. 1.5 Cores (Tot Department			

	General Medicine			
1.	Name of the Department:	General M	Medicine Tedicine	
2.	Year of Establishment			
3.	Number of Teachers sanctioned and present position: Professors:	Required	Present	
	Reader:			
	Lectures:	1	1	
		3	3	
4.	Number of Administrative Staff	1		
5.	Number of Technical Staff	4		
6.	Number of Students			
7.	Demand Ratio (No. of seats: No. of applications)	Selection from Govt. Lists	approved Entrance	
8.	Ratio of Teachers to students			
9.	Number of Research Scholars who had their Master's Degree from	Only PG and UG		
	other institutions	Research D	epartment	
10.	The year when the curriculum was revised last	201	0	
11.	Number of students passed NET/SLET etc. (last two years)	NA NA		
12.	Success Rate (SR) of students – (what is the pass percentage as	SR: UG: 97%	, PG:	
	compared to University Average (UA)?)	100%		
		UA: UG: 97.6	6%, PG:	
		95%		
13.	University Distinction / Ranks:	23 Ranks si		
14.	Publications by faculty (last 5 years)	NA	:3	
15.	Awards and recognition received by faculty (last five years)	1		
16.	Faculty who have attended national and international seminars (last five years)	NA:		
17.	Number of national and international seminars organized (last five years):	18	}	
18.	Number of teachers engaged in consultancy and the revenue generated:	NII	L	
19.	Number of ongoing projects and its total outlay	NII	[,	
20.	Research projects completed during last two years and its total	NI		
	outlay		_	
21.	Number of inventions and patents	NIL		
22.	Number of PhD .Thesis guided during the last two years	NIL		
23.	Number of books in the departmental library, if any	162		
24.	Number of journals / periodicals	45	;	
25.	Number of Computers	Desk Top: 1,	Lap Tops: 23	
26.	Number of specialty clinics in the department:			
27.	Annual budget	Rs. 1.5 Cores (Departm		

	General Surgery					
1.	Name of the Department:	General Surg	ery			
2.	Year of Establishment					
3.	Number of Teachers sanctioned and present position: Professors: Reader:	Required	Present			
	Lectures:	1	1			
		3	3			
4.	Number of Administrative Staff	1				

5.	Number of Technical Staff	4			
6.	Number of Students	PG: 23 , UG: 83			
7.	Demand Ratio (No. of seats: No. of applications) Selection from Govt. approved Elists				
8.	Ratio of Teachers to students	Lists			
9.	Number of Research Scholars who had their Master's Degree from	Only PG and UG Programs. No			
	other institutions	Research Department			
10.	The year when the curriculum was revised last	2010			
11.	Number of students passed NET/SLET etc. (last two years)	NA			
12.	Success Rate (SR) of students – (what is the pass percentage as	SR: UG: 97%, PG:			
	compared to University Average (UA)?)	100%			
		UA: UG: 97.66%, PG:			
		95%			
13.	University Distinction / Ranks:	23 Ranks since 2002			
14.	4. Publications by faculty (last 5 years) National: 6, Internati				
15.	Awards and recognition received by faculty (last five years)				
16.	Faculty who have attended national and international seminars (8			
	last five years)				
17.	Number of national and international seminars organized (last five years):	2			
18.	Number of teachers engaged in consultancy and the revenue	Nil			
10	generated :				
19.	Number of ongoing projects and its total outlay	Nil			
20.	Research projects completed during last two years and its total	pleted during last two years and its total Nil			
21.	Outlay Number of inventions and patents	Nil			
22.					
23.					
24.	Number of books in the departmental library, if any Number of journals / periodicals	28			
25.	Number of Computers	Desk Top: 1, Lap Tops: 23			
26.	Number of specialty clinics in the department:	Nil			
۷٥.	runnoer or specially chines in the department.				
27.	Annual budget	Rs. 1.5 Cores (Total For All			
		Departments)			

Part II Evaluative Report

A.EXECUTIVE SUMMARY

The Vision of the College is "to be an outstanding Dental & Research Institute of International repute for producing dental professionals with skills, knowledge and values". Our Mission is to promote sustainable development, provide excellent infrastructure, stimulate frontiers of knowledge, impart awareness on Oral and Dental Health, Research, Collaborations with National and International institutions of repute, close interaction with stakeholders, fulfil society and national obligations and create value based citizens.

The institution is affiliated to Kerala University of Health Sciences and has constrains in designing, modifying or developing its own syllabus. However, the syllabi are constantly compared with those of International repute and the students are updated on the latest developments in the field by the relevant faculty during regular classes. Discussions are held on the developments in the concerned subjects and Academic Committee is appraised for appropriate actions.

The College has 1 UG program in Dental Science and 8 PG specializations. College also conducts Certificate and Diploma Courses in areas of Dentistry in affiliation with University of Genova, Italy and more of such courses are in the offing with National and International Associations.

Admission process is in strict compliance to Government and University rules and regulations which are revised based on their guidelines. The concept followed is 50% Government quota and 50% Management quota, ensuring merit as the basic criteria. Even though the college is a minority designated institution, no discrimination is shown in selecting students. Special considerations are given during admission to other minority and financially disadvantaged students in selection from management quota. Transparency is the key note of the admission process.

An induction analysis is carried out to ascertain entry level competencies and to categorize students under various levels, based on socio economic status, language proficiency and learning capacities. Faculty and mentors ensure that students are given individual attention based on their learning capabilities, such as slow learners, medium learners and advanced learners. Individual needs are scientifically analyzed and compensated by providing personal coaching, remedial classes to slow learners and special care to advanced learners, teacher supported and ICT enabled lecture halls and library, peer teaching, seminars, discussions, presentations and co curricular activities organized in and out of the institution.

Academic calendar is published at the beginning of the academic year and timetable and teaching plans are prepared by the faculty and are discussed in academic committee meetings for review and improvement. The academic programs are regularly monitored by Head of Departments, Principal, Assistant Director and Academic Committee. Progress of students is assessed by faculty, mentors and deficiencies are conveyed to HOD's, Assistant Director and Parents. Class wise Open Houses are conducted regularly and parents are appraised on the progress of their wards and feedbacks are taken from parents which are analyzed. Individual meetings are held with students, Parents, faculty and student counsellor, if required.

As the UG program covers all the subjects in Dentistry, no flexibility exists in the choice of curriculum. However, curriculum delivery and time frames allotted varies depending on learning capacities. Choice from 8 specialties is available for PG program and advanced learners are assigned with additional clinical and academic responsibilities.

Feedback from the stakeholders is collected on the teaching methods and methodologies in their perspective and corrective actions are taken based on the analysis. Adherence to ethical values and environmental protection are constantly advocated to students during classes.

The core strength of the institution lies in its faculty of eminent professionals headed by Dr. N.O.Varghese as the Principal. The fact that our Chairman,

Dr. P.S.Thaha himself is a Dental Professional, visionary, scholar and academician acts as a catalyst to the motivation and growth of the organization.

The selection and induction process of faculty is strictly in compliance to the requirements of the University and DCI and the institution has the record all the faculty exceeding far ahead of these requirements. The lecture classes of the faculty are monitored by the IQAC members headed by the Principal and appropriate improvements are advised. Faculty improvement program is a continuous process by attending workshops, Seminars and conferences of National and International significance. Few of the faculty constantly travel overseas acquiring latest skills and knowledge in Academic and clinical trends. Micro level evaluation of students is the key objective of teaching learning process and every effort is made to assess students after each class.

The institution has only UG and PG courses and no PhD. Program. However, few of the faculty pursues research leading to PhD. externally. Institution also has a DBT funded research project individually allotted to Dr.Sivakumar of Oral Pathology Department.

Institution has introduced mechanisms to generate feedback on curricular aspects from Students, patients, parents, Alumini, Teachers, Library users, teaches self evaluation, feedback from counsellor infrastructure feedback, departmental monthly feedbacks, feedback from society and other stake holders.

The college has to its credit a number of innovations and best practices. Some of them are:

- 1. Awareness and practice on Environmental protection being a member of Natures' Green Guardian Foundation.
- 2. Excellent talents have been identified in Cultural and Sports & Games activities which are being encouraged.
- 3. Honouring citizens who can be role models to students, facilitating IAS national rank holder, Poor Driver who is a rank holder in MA, Staff who have demonstrated Honesty, Integrity etc;
- 4. Speeches by social reformers and elected leaders who demonstrated high levels of social commitments.

B. Criterion-wise Evaluative Report

- 1. Criterion I: Curricular Aspects
- 1.1 Curriculum Design and Development
- 1.1.1. State the vision and mission of the institution, and how it is communicated to the students, teachers, staffs and other stakeholders?

VISION:

"To be an outstanding Dental &Research Institute of International repute for producing dental professionals with skills, knowledge and values"

MISSION:

- Promote sustainable development of Dental and allied Health Education consistent with statutory and regulatory requirements.
- Plan and continuously provide excellent infrastructure, learning resources required for quality education and innovations.
- Stimulate, to extend the frontiers of knowledge, through Faculty Development and Continuing Education Programs.
- Impart awareness on Dental Science and Oral Health to the society with special reference to Educational institutions.
- Make research a significant activity involving Staff, Students and Society.
- Promote collaborations with Regional, National and International institutions.
- Establish healthy and regular interactions with all stakeholders for vision oriented growth.
- Fulfil the National Obligation through participation and contribution to National Health Programs.
- Provide regular value based education to the students.
- Vision & Mission displayed at prominent locations in campus.

OBJECTIVES:

The objectives are to realize the following:

- To effectively implement programs through creativity and innovation in teaching, learning and evaluation.
- To adopt ICT in Teaching, Learning, Evaluation and Administration.
- To impart spirit of inquiry and scientific temper through research, seminars and workshops.
- To enhance reading and learning capabilities among faculty and students and inculcate a sense of Life Long Learning.

- To promulgate process for effective, continuous and objective oriented student performance evaluation.
- To ordinate periodic performance evaluation of the faculty.
- To incorporate themes to build values, civic responsibilities and sense of National Integrity.
- To strengthen, develop and implement staff & students' welfare programs.
- To adopt and implement principles of participation, transparency and accountability in governance of academic and administrative activities.
- To constantly display sensitivity and respond to changing educational, social and community demands.
- 1.1.2 How does the mission statement reflect the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientation?
- The PMS College of Dental Science and Research is established to cater to the oral health care education, service and research needs of the society by a Trust headed by an Expert Professional in the Dental Health domain.
- Distinct services to meet the regional, national and international needs of patients and society by observing the cases during camps, collecting information from National and International publications on specific Dental Health Care requirements.
- Learner centred oral health care education, community oriented research, patient centred service, strong community and inter institutional relationship, community oriented extension services, referral services, to serve the underprivileged, to develop professionalism in education, service and management, meet regional and national needs, strategic future oriented planning, inter and intra organizational linkage and unique organizational culture are the principles followed by the institution.
- Value orientation is carried out to all the stakeholders through deliberations, leaflets, website, and prominent displays to meet the objectives slated in the mission.
- BDS, MDS and other allied health programs, the clinical services and extension activities are the outcome of the goals and objectives defined.
- The feedbacks collected from the stakeholders are evaluated to assess and improve the knowledge and skills gained ensuring client satisfaction.
- 1.1.3 Are the academic programs in line with the institution's goals and objectives? If yes, give details on how the curricula developed/ adopted, address the needs of the society and have relevance to the regional/ national and global trends and developmental needs.

- Access to the disadvantaged and equity is established by providing reservations to the different category by providing seats under government and management quota.
- The student will be qualified to a skilled Oral Health Care professional after completing the program.
- Academic programs provide opportunities for self development, professional competency and employment in India and abroad.
- Programs are designed to provide professional education, basic and advanced oral health care services, extension activities and research, thereby contributing to community and national needs and development.
- Institution develops high level professionals in Health Science.
- Institutional goals are translated into academic programs thereby meeting global and national demands of oral health professional services and research.

1.1.4 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?

- Academic programs are designed to translate and implement institutional goals and achieve objectives.
- Academic programs emphasize interface with Public Health, Medical practice
 and education by providing basic, advanced and allied oral health care services,
 dental education and dental practice.
- Consultancy experiences gained by the faculty in handling extraordinary cases are being utilized in academic exercises.

1.1.5 How is internship structure oriented towards the set goals and objectives of Medical Education?

• Internship structured to provide required knowledge and skill to make the student globally competent with rural and urban exposures.

The Structure followed meeting statutory and academic guidelines:

Departments	Number of Days
Prosthodontics	45-1½ Months
Conservative Dentistry	45-1½ Months
Oral & Maxillofacial Surgery	60-Two Months
Orthodontics	30-One Month
Pedodontics	30-One Month
Oral Medicine	30-One Month
Periodontics	30-One Month
Community Dentistry	60-Two Months

Oral Pathology	15-Half Month
Elective	20 Days
Total Days	365 Days

1.1.6 Explain the initiatives of the institution in the following areas.

a. Orientation to research and rehabilitation:

- Enrichment programs are provided to UG and PG students towards research orientation and rehabilitations conducted by external experts, organized by research cell and ethical committee.
- Student projects to be completed at UG level as assigned and at PG level it is mandatory in partial fulfilment of MDS Degree.
- Institution is positive to provide funds to encourage research apart from providing training in Research Methodology, bio-statistics and effective literature search.
- College encourages submitting projects to National funding agencies and already having 1 Central Government Department of Bio Technology funded research programs ongoing.

b. Behavioural and Social Science:

 The college has an exclusive Psychological Counsellor who conducts classes to UG & PG and one to one interaction with problem students having deviated behaviour and learning difficulties as identified by mentors and based on academic performances.

c. Medical Ethics:

- Medical Ethics Oath is taken by all the newly joined students during induction and to the outgoing students during the convocation ceremony.
- Student Counsellor, mentors and faculties advise on the importance of adhering to ethics and values during regular classes.

d. Medico legal issues:

- Oral Surgery Department and during lectures in forensic dentistry medico legal issues are discussed.
- Arrange medico legal classes by external experts.

e. Enhancement of quality of services and consumer affairs:

- IQAC collect feedbacks from stakeholders and suggest improvement measures in quality of education and patient services.
- Quality Circle assigns tasks to students to collect and analyse feedbacks.
- Feedbacks are also taken from patients, parents, students and other stake holders which are constantly analyzed and appropriate actions taken.
- Periodic Internal Quality Audits are conducted by IQAC.

1.1.7 How does the curriculum cater to inclusion/integration of Information and Communication Technology (ICT) in the curriculum, for equipping the students to compete in the global employment markets?

- Modern ICT facilities are provided in Teaching, Learningand Evaluation processes.
- System Administration department provides all supports in the installation and maintenance of ICT enabled services.
- The faculties and students are trained in computers, internet, audio visual aids, computer aided packages and CAL, multimedia etc.
- Central library has online book search facilities with Hardware and Software installed.
- Students and faculty are trained in the preparation of teaching and learning materials.

1.1.8 Specify the initiatives and contributions of the institution in the curriculum design and development process.

- Student feedbacks are taken on the curriculum at the end of every academic year and the courses are enriched based on the evaluation of feedbacks.
- The curriculum is compared with curriculum of universities of international repute and enrichment modules are added.
- Latest developments in the relevant fields are introduced to students during regular theory and practical classes.
- The curriculum of the University is reviewed by Senior Faculty and suggestions for improvement are discussed in the Academic Committee and informed the University for Introduction.
- Feedbacks from other stakeholders are also collected and used for enrichment.

1.1.9 How are the institutional goals translated into the academic programmes, research and extension activities of the institution?

- All academic programs approved by University are started, well trained Senior Faculty are appointed, Syllabi of National and International Universities are referred.
- Regular extension programs are arranged in villages and rural schools in association with NGOs and panchayat.
- Local youth are trained in certificate and diploma courses started in the college.
- Research projects relevant to the locality are taken up by UG and PG students.
- The academic programs, research & extension activities and their implementations are ensured to be strictly in line with these goals.

1.1.10 How do the Boards of Studies ensure the currency and relevance of the programmes offered?

- The faculties are well informed and updated on the contemporary global curricula by e-resources, hard copies, international visits, international seminars etc;
- University revises curricula based on latest global developments and changes introduced by comparing syllabi of different national & international syllabi, discussions, seminars etc; and faculty of the College forward suggestions based on observations from Colleges in other states during official visits.
- Curricula are regularly compared with those of international repute.
- Introduction of modern equipments and latest techniques are introduced, both for teaching and patient care.

1.1.11 What are the interdisciplinary courses introduced during the last five years?

- Diploma Program in Laser Dentistry with affiliation to University of Genova, Italy.
- Certificate program in Laser Dentistry with affiliation to University of Genova, Italy.
- Diploma and Certificate courses in Dental Implantology in pipeline.
- Certificate programs for Microscopic Surgery, Ceramic Technicians and course in CAD-CAM being introduced shortly.

1.1.12 What value added courses are introduced which would

a) Develop skills:

- University notified UG & PG programs are introduced.
- Certificate and Diploma programs in Laser Dentistry with affiliation to University of Genova, Italy.
- Diploma and Certificate courses in Dental Implantology in pipeline.
- Certificate programs for Ceramic Technicians and course in CAD-CAM being introduced shortly.
- CDE programs are conducted periodically by dental departments to enhance the knowledge and skills of students and faculty, with internal and external experts.
- Multidisciplinary programs are conducted under Triple 'O' Club, Restorative Club and Cosmetic Club.

b) Offer Career Training?

- Career opportunities are enhanced with training in computer, ICT, Preclinical induction program, personality (soft skills) development and group presentations, development of entrepreneurial skills by diverse means.
- The certificate and diploma courses introduced in association with organizations of national and international recognition.
- Diploma and certificate courses with foreign affiliation.
- Lectures by Bank officials, experts in clinic setting, communication skills etc; are organized.

c) Promote community orientation?

- Community Orientation is promoted by conducting health camps, extension activities, services and community oriented research.
- Adoption of Primary schools for free awareness and free Dental Check up, special camps for mentally and physically challenged, special care to geriatric patients are regularly practised.
- Anti tobacco and antismoking campaigns are effectively conducted.

1.1.13 What percentage of the courses focus on experiential learning including practical and work experience?

- 70% of the BDS course focuses on experiential learning with practical and work experiences.
- 80% of the MDS course focuses on experiential learning with practical and work experiences.

1.1.14 Does the institution focus on multi skill development in its programmes? If yes, illustrate.

- The UG program incorporates seventeen different subjects spread over 4 ½ years.
- The student needs to complete these subjects compulsorily before the graduation.
- Work experience in all departments to students is given and records kept.
- Soft skills, computer ICT skills, communication skills are imparted by special training.
- Enrichment courses conducted.

1.1.15 Is there a provision for incorporating computer skills in curriculum or all students?

- ICT integration is a part of curriculum specified in Community Dentistry.
- The System Administration Department provides knowledge and skill to students in ICT regularly and they are advised to take courses outside.

1.1.16 What are the courses aiming to promote value education or social citizenship roles?

- No such courses are offered by University, however value education lectures are given by invited experts.
- During participation of Students in dental camps, extension activities and community integration of curriculum, learn team working roles and attitude for social citizenship.

1.1.17 What thrust is given to 'Information Communication Technology' for equipping the students for global demands in the curriculum?

- Specialty specific ICT facility is provided in all departments.
- Students regularly use broad band surfing, internet and media for day to day curricular transactions in Central Library and hostels.
- Majority students have laptops / personal computer and internet connection for browsing.

1.1.18 What programmes are developed for physically challenged students and how is the same implemented?

- No special courses are offered by University specific to such students.
- No physically challenged students in the College so far.

1.1.19 List the twinning/collaborative arrangements within and outside the country for various programme offerings.

- The college has linkage with the University of Genova, Italy for conducting all the courses covered in the University certificate and diploma courses in Laser Dentistry is already introduced, course in Dental Implantology being introduced shortly.
- A few other twinning/collaborative arrangements with national and international academic organizations are in the offing.
- Students are visiting good libraries of other Colleges in the city.
- Students and Faculty are attending seminars and trainings conducted by other Colleges.
- Faculty visit Italy, China, Tehran and Singapore as part of collaborative arrangement for conducting classes and overseas faculty conduct classes in college.

Sl	Program	Name of the	Duratio	Number	Entry	Medium	Sanction	Number
	Level	Program/Cour	n on	of	Qualifi	of	ed	of
N		se		Programs	cation	Instructi	student	Students
О						on	strength	Admitted

1	Under Graduate	BDS	4 1/2 year+ year Internsh ip		Higher Second ary ISC or 12 th Std	English	100	100
2	Post Graduate	MDS	3 years		BDS or Equiva lent	English	23	23
3	Certifica te Course	Laser Dentistry	3 Days		BDS or Equiva lent	English	20	
4	Diploma	Laser Dentistry	1 year		BDS or Equiva lent	English	25	10
5	Diploma	Implantology (Proposed)	1 Year		BDS or Equiva lent	English	10	
6	Any Other, Specify		various	for PG Dip Dental n of KUHS	oloma Pro Specialtie	•		

1.2 Academic Flexibility

1.2.1 What are the range of programme options available to learners in terms of Degrees, Certificates and Diplomas?

• The college offers varied programs and the students have sufficient academic flexibility to choose from these programs. Details of the programs offered by the institution:

Intake for M.D.S, Program

Departments	Sanctioned Student Strength	Number of Students Admitted
Oral Medicine	3	3
Orthodontics	3	3
Peadodontics	3	3
Prosthodontics	3	3
Conservative Dentistry	3	3
Oral Surgery	3	3
Periodontics	2	2
Oral pathology	3	3

1.2.2 Give details on the following provisions with reference to academic flexibility, value addition and course enrichment:

a) Core options:

• All subjects to be studied compulsorily by all students in UG and no core and elective options.

b) Elective options:

- Elective specialization is available is only at PG level.
- The student can choose from the 8 PG programs offered by the college.
- Hand Books available for UG and PG students.

c) Add on courses:

- One Certificate course and one Diploma course already started and more courses are planned. Eg; Dental Implantology, PG Diploma Courses with affiliation to KUHS, Ceramic Technician Course, Microscopic Surgery, CAD CAM etc; will be started soon.
- UG students have choice to opt add- on- courses.

d) Interdisciplinary courses:

- The UG program and the Diploma and Certificate courses.
- e) Flexibility to the students to move from one discipline to another:
 - University Guidelines are followed in Toto.

1.2.3 Give details of the programmes and other facilities available for international Students(if any)

- All the programs offered are open for international students; no international students have taken admission so far.
- Many NRI students are admitted.

1.2.4 Does the institution offer any self-financed programmes in the institution? If yes, list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification and salary etc.

- All the programs are self-funded.
- Government, commission rules are applied for admission, fees structure and salary.
- Curriculum and teachers qualifications are same as that of Government and Aided Colleges, prescribed by University / DCI.
- 1.2.5 What programmes are offered for practicing medical/ paramedical professional in terms of training for career advancement?

- Continuing Dental Education.
- Laser Dentistry (Affiliation with European University)
- Multidisciplinary programs are conducted under Triple 'O' Club, Restorative Club and Cosmetic Club.
- Certificate & Diploma Courses are held in, Implantology and other modern branches of Dentistry.

1.2.6 Does the institution provide facilities for credit transfer, if the students migrate from one institution to another institution in or outside the country?

- Migration from one Dental College to another may be considered exclusively on compassionate grounds as per the guide lines of the Dental Council of India.
- Migration will be permitted generally Intrastate.
- The consents of both the Principals of the Colleges and the Universities are required which shall be ratified by the Dental Council of India.
- Migration shall be from and to the colleges of same status.

1.3 Feedback on Curriculum

1.3.1 How does the college obtain feedback on curriculum from?

a) Students?

- Structured formats are designed to collect various feedbacks from students on the courses, on faculty, on seminars, CDE programs and on infra structural facilities.
- The feedbacks are analysed and appropriate actions are taken.

b) Alumni?

• Feedbacks are collected on competencies gained by alumni, which have helped them in career development and improvement suggestions are implemented.

c) Parents?

• Open Houses are conducted with the participation of parents and students and feedbacks are collected and analysed.

d) Employers / industries?

• The performance of Alumni is ascertained verbally to find the level of competencies.

e) Academic peers?

• The academic committee headed by the Principal constantly evaluates and discuss the student performance and academic progress and improvement opportunities.

- Discussions are organized with peers, visiting the College on curriculum and suggestions are incorporated and informed University with experts.
- Faculty visiting other Colleges will discuss on curriculum and valuable suggestions are informed to Board of Studies.

f) Community?

- From experts in Dental Science feedback is collected in standard format.
- The feedbacks are analysed and appropriate actions are taken for improvement and relevant points discussed in Academic Committee.
- Community requirements are assessed by faculty in Camps and are incorporated in curriculum.
- Discussions are held with learned patients and suggestions are implemented.

1.3.2 How is the above feedback analyzed and the outcome / suggestions used for continuous improvements, and communicated to the affiliating university for appropriate inclusion?

- Feedbacks are analyzed statistically and discussed in the Academic Committee.
- Course wise and program wise improvement areas are identified and appropriate actions are taken.
- Appropriate enrichment courses are initiated based on the recommendations approved.
- Valuable suggestions are discussed in professional forum and suggestions represented to University for implementation.

1.3.3 Which courses have undergone a major syllabus revision during the last five years? (with changes in title and content)

- Syllabus revisions in BDS and MDS Courses were introduced by the University of Kerala in 2007 on recommendation from DCI.
- Kerala University of Health Sciences (KUHS) introduced new curriculum for BDS & MDS courses in 2010.

1.4 Curriculum update

1.4.1 What are the frequency and the basis for syllabus revision and what are the major revisions made during the last two years?

- Usually the frequency of revision of syllabus is 3 to 5 years.
- KUHS is a new University established in 2010 and only one major revision done.

1.4.2 How does the institution ensure that the curriculum bears a thrust on core values adopted by the NAAC?

i. Contributing to National Development:

- College produces a large number of highly skilled Dental professionals with serving mentality.
- Hospital and Clinics provide good quality Dental Assistance to the public, especially rural folk.
- Overall Health improvement through skilled personnel and facilities.

ii. Fostering global Competencies among Students:

- The college has excellent infrastructural facilities and resources to develop the students to achieve core competencies of the profession, to face the global requirements successfully.
- Additional Inputs are given on curriculum comparing the syllabi of National and International repute.
- The college has affiliation with European University for conducting Diploma and Certificate Courses and Research.
- Expert Lectures by professionals from overseas and our faculty conducting classes abroad.
- College has adopted courses with assistance from Foreign University with a view to fostering global competencies to UG and PG students.

iii. Inculcating a Value System among Students:

- The core values envisaged in Indian constitution, UN Charter etc; environmental, cultural and economic realities are integrated with teaching learning process.
- Social Reformers and Speakers in relevant fields are invited to give Lectures to students on value systems.
- Action programs through associations, clubs, camps, tours etc; provide opportunities to students to observe practice and implement values.

iv. Promoting the Use of Technology:

- Latest State of the Art educational technologies are adopted to provide enriched learning experience to students which are constantly updated.
- Optimal use of ICT has been ensured in Teaching Learning process.
- All departments are IT enabled with Local Area Net Work.
- Surveillance Cameras are installed at key positions including Examination Hall and Library and University Examinations are conducted in Hi- Tech and ICT enabled environment.

v. Quest for Excellence:

• The institution is planned to be a Centre of Excellence and Action Programs are initiated and implemented to attain this goal.

1.4.3 Does the institution use the guidelines of statutory bodies (UGC/AICTE/State Councils of HE and other bodies) for developing and /or restructuring the curricula?

• Statutory and Regulatory requirements of the affiliating Health University, Higher Education Council and Dental Council of India, the apex body for dentistry in the country are meticulously followed.

1.4.4 How are the existing courses modified to meet the emerging /changing national and global trends?

- The Academic Committee regularly reviews the course content to meet the changing needs of the community.
- Additional inputs are added then and there by faculty after discussing in Department meetings.
- Enrichment courses are designed by the departments to meet the emerging needs in dental education, service and research.
- The enrichment courses implemented beyond syllabus shall be considered while introducing new courses with affiliations.

1.4.5 How are the global trends in medical education reflected in the curriculum?

- Faculties are updated on the latest trends in Dental Education through discussions, seminars, workshops and International exposures.
- Knowledge and skill developments at par with Global needs are introduced through International courses.
- Learning opportunities are provided maintaining a competitive edge by ICT enabled facilities.
- Regular referring of National and International journals, magazines, website curriculum of other Universities are done.
- Awareness on placement opportunities and establishment of Dental Clinics are imparted.

1.4.6 How does the institution ensure that the curriculum bears some thrust on issues affecting national development?

- Value systems integrated with curriculum.
- Service mentalities of students to work in rural and urban areas are practiced by arranging regular camps and extension activities in such areas.

• Research aptitude and culture are instilled in students through projects and research methodology programs.

1.5 Best Practices in Curricular Aspects

1.5.1 What are the quality sustenance and quality enhancement measures undertaken by the institution during the last five years in curricular aspects?

- Infrastructure additions and improvements regularly carried out.
- Expert Lectures and workshops arranged.
- The college has constituted separate Academic Committees for UG and PG.
- Learner Need based innovative curricula and enrichment courses are initiated.
- The curricula are redesigned to maintain competitiveness.
- Continuous performance assessment scores, mentorship and personality development programs are implemented.
- Academic Directors for UG & PG are assigned to ensure improvements in quality and sustenance.
- Department manuals prepared to cover planning, execution and evaluation processes in academics.
- One to one interaction with students by mentors and faculty.

1.5.2 What best practices in 'Curricular Aspects' have been planned/implemented by the institution?

- Curriculum of certificate and diploma courses are prepared and updated by our faculty in consultation with the affiliating institutions.
- The syllabi of other Universities of National and International repute are constantly referred and implemented.
- Faculties representing College in the Board of Studies suggest improvement areas in Curriculum during meetings.

2. Criterion II: Teaching-Learning and Evaluation

2.1 Admission Process and Student Profile.

2.1.1 How does the institution ensure wide publicity to the admission process?

- Appropriate needy information is given to the concerned stake holders through, prospectus, institutional website and advertisement in regional /national newspapers, notice board, visual and print media.
- Vacancies are notified through media both National and International.

2.1.2 How are the students selected for admission to the following courses? Give the cut off percentage for admission at the entry level

a. General

b. Professional

- The Candidate shall have obtained not less than 50% of the aggregate marks in Physics, Chemistry and Biology taken together at the qualifying examination or any other examination recognized as equivalent by Kerala University of Health Sciences.
- Scheduled Caste and Scheduled Tribe students shall be given relaxation of 10 % in the aggregate marks required for eligibility %.

• Details Below:

2012-2013	Open category		SC/ST category		Any other (OBC)	
Programmes	Highest	Lowest	Highest	Lowest	Highest	Lowest
(UG and PG)	(%)	(%)	(%)	(%)	(%)	(%)
BDS	98.33%	57%	90.91%	61%	94.91%	57%
MDS	72%	55%	66%	66%	72%	55%

2.1.3 How does the institution ensure transparency in the Admission process? Eligibility for BDS Course

- Selection is only from list published by Entrance Examination Board of the Government.
- All statutory and regulatory requirements of DCI, University and the Government are strictly complied.
- Candidates appeared for the qualifying examination, are also eligible to apply provided all the other conditions satisfy.
- Selection for admission to dental courses, shall not be confirmed until and unless he/ she passes the qualifying examination.

Eligibility for MDS Course

- A candidate for admission to the MDS course must have a degree of BDS (Bachelor of Dental Surgery) from a Dental College and University recognized by the Dental Council of India or an equivalent qualification.
- The selection will be strictly complying with Government regulations declared from time to time.

Eligibility for Certificate / Diploma courses

• A candidate for admission to the Certificate / Diploma courses conducted in affiliation or collaboration must have a degree of BDS (Bachelor of Dental Surgery) from a Dental College and University recognized by the Dental Council of India or an equivalent qualification.

2.1.4 How do you promote access to ensure equity?

- BDS & MDS admissions are made as per the consensual agreement between the Management and Government approved by the Supreme Court.
- Selections are purely from the merit lists published by Entrance Commissioner.

- Reservations and fees for the categories classified by the Government are strictly complied.
- For Management Seats for BDS and MDS, applications are called for on College website and seats are offered on the basis of merit, as per Government guide lines, which take care of equity among all categories of weaker and disadvantaged sections.

2.1.5 What is the ratio of applications received to admissions granted? (Demand ratio)

- a. Professional courses
- b. General courses
- c. Vocational courses
- d. Post -graduate courses
- e. Undergraduate courses
- f. For all courses
- Selection of students for UG & PG courses are strictly from Government approved list and for other courses (certificate and diploma) are based on basic qualification and on first come first basis.

2.2 Catering to Diverse Needs

- 2.2.1 Is there a provision for assessing the students' knowledge and skills before the commencement of the programme? If yes, give details on the strategies of the institution to bridge the knowledge gap of the incoming students for enabling them to cope with the programme to which they are enrolled.
 - The students with prerequisite qualification only enter the program after meeting the admission requirement.
 - Students are selected, on an Entrance Test, the questions of which contain Knowledge, skill, depth in subject, General Knowledge etc; and rank list is prepared.
 - After entry and induction test is arranged on varied subjects, questions of which are prepared by experts.
 - Induction analysis is carried out by specific questions prepared by experts and consulting, orientation classes and bridge courses are arranged.
 - Bilingual teaching and explanations are made wherever necessary and communication English classes are arranged in College or / and outside by special tutors.
- 2.2.2 How does the institution identify slow and advanced learners? Give details on the strategies adopted for facilitating slow and advanced learners

- The students are from different category, based on admission, any differences among students in learning, are identified by each faculty and mentor.
- The slow and advanced learners are identified through induction analysis.
- Remedial drill is initiated by the concerned teacher in the form of special classes, repetition of postings, home assignments and counselling.
- Advanced learners are given challenging tasks as enrichment courses, seminar leading, projects, additional textbooks for reference etc;.
- The outcome impact on underperformers is evaluated for continuous improvement and they are given remedial courses, counselling, meeting with parents etc;.

2.2.3 Does the institution have a provision for tutorials for the students? If yes, give details.

- Tutorials are conducted in all the subjects- as assignments, discussions, preclinical and clinical training.
- Details are available in departments.

2.2.4 Is there provision for counsellors/ mentors/ advisors for each class or group of students for academic and personal guidance? If yes, please specify?

- Mentors are assigned for every 20 students who constantly monitor academic and personal performance; appropriate remedial measures are taken then and there.
- Appropriate counselling is imparted by the concerned mentor or counsellor, when identified.
- Problems are discussed individually, directed to medical experts as and when needed.

2.2.5 How does the institution cater to the needs of differently-abled students?

- Though classification is made in this category no admission is sought so far.
- However facilities like ramp, stretcher, lift, wheel chair and physical assistance are available.

2.2.6 How many procedures / clinical cases / surgeries are observed, assisted, performed with assistance and done independently?

- Procedures, clinical cases surgeries observed, assisted, performed with assistance and done independently, are as per the regulatory guidelines of affiliating university and Dental council of India and innovative technology advancement.
- It shall be ensured that the number of procedures always exceed the regulatory guidelines.

• Details available in Additional Inputs for Dental Institutions.

2.3 Teaching – Learning Process

2.3.1 How does the institution plan and organize the teaching learning and evaluation schedules?

- Assistant Directors UG & PG monitor the effective conduct of the teachinglearning processes.
- Academic Officer, guided by Assistant Directors monitors the effective planning and implementation of exam schedules.
- Administrator along with Principal monitors the effective planning and implementation of processes.
- HOD monitors effective implementation of academic process in the department.
- HR Officer monitors the effective planning and implementation of human resources.
- Academic calendar of the university complied.
- Calendar of events for the year for the college is prepared at the beginning of the academic year.
- Calendar of events for the year for department is prepared and informed students.
- College time table is prepared by the academic administration under guidance from Assistant Directors.
- Department timetable for the year is prepared.
- Master Time Table for the college is maintained.
- Teacher and topic time table for the year in each department maintained.
- Lesson plans are prepared by each faculty.
- Monthly department performance review is conducted, preventive and corrective actions initiated for continuous improvement.
- The college has prepared documented guide lines for preparing academic calendar for the college and preparation of lesson plans.

2.3.2 What are the various teaching-learning methods used by the teachers? Give details. Innovation in teaching

- Students centred teaching developed, lecture methods supported by ICT, power point, movie, CDs, discussions, seminars and chair side teaching.
- All faculties are trained and acquired knowledge of computers, internet, Audio visual aids, Computer Aided packages, Material development for CAL, multimedia and such related skills.

- Each faculty prepares required number of Power Point Presentations as CAL, for Teaching.
- Continuous performance assessment is practiced at all subjects at UG and PG through log book.
- A Senior Faculty trained in Germany on CAD CAM Technology in Clinical process conduct classes to impart awareness on the state of the art technology and for future implementation in College.

Innovation in Learning

- In addition to classroom, learning through the academic calendar, clinical postings, by actually performing specialty wise procedures, preclinical laboratory training, practical, student projects, seminars, interactive learning, college conducts:
 - o continuing dental education,
 - o Hands on training of advanced dental procedures,
 - o Integrated Teaching,
 - o Simulated patient examinations,
 - o Self directed learning through use of library,
 - internet, journals, back volumes and tutorials,
 - o Personality development skills,
 - o Community interaction,
 - o Participation in conferences
 - Poster and Paper presentations
 - o Co-curricular activities.
- Learning assessment is a continuous process at various levels from daily lessons to model exams.

2.3.3 How learning is made student-centric? What are the institutional strategies, which contribute to acquisition of life skills, knowledge management skills and lifelong learning?

- Professional and personality development invited lectures are introduced, training in soft skills; workshops, communicative English, knowledge management and individual learning are dealt through self-directed learning facilities provided at the institution or outside.
- The concept of Lifelong learning is advocated in continuing dental education and professional society activities.
- In most cases, it is ensured that they exceed the requirements of the regulatory authorities.

2.3.4 To what extent is the institution geared to use computer based telemedicine facilities?

- Teleconference facilities for Dental Diagnosis and treatment with reputed hospitals initiated.
- Consultation with experts carried out on telephone.

2.3.5 Provide the following details about each one of the teaching programs:

a. Complete time table

• Department & Master Time Tables available with departments, Administration, Principal and Chairman.

b. Number of didactic lectures

• Subject wise, no. of lecture, practical and clinical hours are as follows:

Subject	Lecture	Practical	Clinical	Total
	Hrs.	Hrs.	Hrs.	Hrs.
General Human Anatomy including	100	175		275
Embryology and Histology				
General Human Physiology,	120	60		180
Biochemistry, Nutrition and Dietetics	70	60		130
Dental Anatomy, Embryology and Oral	105	250		355
Histology				
Dental Materials	80	240		320
General and Dental Pharmacology &	70	20		90
Therapeutics				
General Pathology	55	55		110
General Microbiology	65	50		115
General Medicine	60		90	150
General Surgery	60		90	150
Oral Pathology & Oral Microbiology	145	130		275
Oral Medicine & Radiology	65		200	265
Paediatric & Preventive Dentistry	65		320	385
Orthodontics &Dentofacial	70	160	200	430
Orthopaedics				
Periodontology	80		200	280
Oral & Maxillofacial Surgery	70		370	440
Conservative Dentistry & Endodontics	160	200	370	730
Prosthodontics and Crown & Bridge	160	380	370	910
Public Health Dentistry	60		200	260
Total	1660	1780	2410	5850

c. Number of students in each class

I BDS: 158, II BDS: 82, III BDS: 96, IV BDS: Part I & Part II: 44

I, II & III MDS: 69

d. Number of medical procedures that the students get to see

- All the procedures as prescribed by regulatory agencies are performed meticulously.
- The details are available in the university syllabus.
- All the dental procedures are performed in different specialties.
- The number of procedures observed by students exceeds the regulatory requirements.

e. Details of the labour theatre, operating rooms, treatment rooms in medicine, post-operative and post-natal care facilities-

- External facilities of a well equipped nearby Hospital and Medical College is being utilized currently (Agreement signed).
- Construction of a 100 Bed Hospital in the same campus is progressing and is expected to be completed by the second quarter of 2014.
- All other relevant facilities are provided as per DCI and University regulations.
- Under Graduate students and Interns are allowed to observe cases and procedures as per the DCI and University requirements.
- Oral and Maxillofacial Surgery department undertakes cosmetic and other complicated surgeries and facilities exist for pre and post operative care.

f. Mannequins for student teaching

• Total number of 69 Mannequins is made available in Prosthodontics, OMFS, Peadodontics, Conservative Dentistry and in Phantom Head Lab and Mannequins are used for learning experiences.

g. Number of students inside the theatres at a given time

• About 3students during surgery.

h. Number of procedures in the theatres per week, month and year

i) Per week : 3 - 4Cases

ii) Per month : 12 - 15 Cases

iii) Per year : 150 -160 Cases

Out-Patient Teaching:

a. Number of students

- Every department is having OPD teaching.
- OPD teaching is organized in the teaching areas available in all OPDs in each subject to discuss and demonstrate various clinical signs, symptoms, diagnostic and therapeutic management.
- There are 5 to 10 students for each group at UG level.

- Chair-side teaching and group discussion and simulated patient examination are regularly conducted.
- At PG level, for each batch, there will be 2-3 students.

b. Average attendance: New and old cases

Cases / Year	2011	2012	2013
New Cases	46593	47963	46813
Old Cases	76014	92299	97496
Total	122607	140262	144309

c. Total period of posting for UG students in the OP

Subject	Clinical Hours
General Medicine	90
General Surgery	90
Oral Pathology and Oral Microbiology	
Oral Medicine and Radiology	200
Paediatric and Preventive Dentistry	320
Orthodontics and Dentofacial Orthopaedics	200
Periodontology	200
Oral and Maxillofacial Surgery	370
Conservative Dentistry and Endodontics	370
Prosthodontics and Crown and Bridge	370
Public Health Dentistry	200
Total	2410

d. Special clinics and their details

- Clinico pathological conferences and discussions between Oral and Maxillofacial Surgery department and Oral Pathology department.
- Special clinics between Oral and Maxillofacial Surgery department and Orthodontics &Dentofacial Orthopaedics.
- Special Clinics–Laser Clinic, MPDS, pain Clinic, Implantology, Trauma Care etc;

e. Casualty training and night emergencies

• Interns, PG students are posted as per the clinical time table which is prepared according to the regulations of the Dental Council of India and University.

f. Organization of OP teaching

- Academic Officer prepares clinical postings time table of concerned years and department as per statutory requirements and is approved by the Principal.
- Any improvements required are discussed in the Academic Council meeting and implemented.

- Students are allotted into batches and faculty monitors the compliance to requirements of university and regulatory council.
- The students who are posted to the department need to work in the said clinic in the prescribed hours.
- The Senior Faculty allots the cases to the students for presentation and discussion.

Hospital Teaching:

a. Co-ordinator of hospital teaching

• A Senior Faculty from the clinical department is designated as coordinator of the Hospital teaching and Patient in charge.

b. Institution-Hospital distance

- The Dental Hospital and College are in the same Building.
- The distance to the Medical College and Hospital whose facilities are currently utilised is less than 3 km from the College.
- Medical Hospital facilities are under construction.
- **c. Resident staff:** Accommodation available for staff and students inside campus.
- d. Total Number of beds in different sections including the sub-specialty beds
 - Male: 10, Female: 10
 - A 100 Bed Hospital under construction.

e. Average number of students at a time in a given ward; their seniority and class

• PGs, Interns and III year students will be in clinic.

f. Number of hours that the student spends in the ward per day

• Minimum of 3hrs. daily and throughout the night in the postoperative ward after major surgery.

g. Number of hours that the staffs spends in the wards

- A faculty spends about six hours in the ward/OP/Operation Theatre/diagnostics/casualty/acute care units per day.
- The faculty of Oral and Maxillofacial Surgery dept. who is on night duty spends about 14 hrs.

Clinical teaching:

a. Time table for Beside clinics

• The students are posted to all the clinical departments as per DCI and University Curriculum norms.

b. Details of Student Case sheets

• The postings for undergraduates are scheduled for III & IV year.

- On an average 15-25 Students attend the clinics at any given time.
- They are allotted cases by the MDS Staff in the department & cases are discussed on an individual basis routinely.
- The cases are entered in the prescribed case history sheet and discussed before performing the treatment.
- All cases are shown stepwise to the faculty in charge for their approval.
- The Third year and final year students are posted in the mornings and afternoon alternatively.
- Any cases of special interest are discussed with all the students.

c. Corrected case-sheets: by whom?

- The Senior Faculties who are designated as Patient in Charges with MDS qualification correct and counter sign the case sheets.
- The selected cases are finally recorded in the form of a record / log book which is certified by HOD.

d. Periodic assessment of clinical acumen: frequency, modalities and review

- The students are assessed continuously on the understanding of the subject, the method of eliciting and demonstrating the signs, clinical skills, differential diagnosis and integrated approach in arriving at diagnosis.
- Assessment of the student on the clinical side is a continuous process on a daily basis, besides; they are assessed quarterly along with regular internal assessments.
- Evaluation is a continuous process and the underperformers are identified by methodologies such as Internal Examinations, Mock Examinations, University examinations, daily work, discussions, tutorials, seminars, home assignments, student projects and tests.
- Under performers are counselled by the concerned teachers, mentors and appropriate actions are initiated for improving the learning process on continuous basis and PG students are motivated and monitored through PG log book and records.
- Performance of the students is reviewed and remedial measures like making them present the cases frequently and through discussions are adopted.
- The shortfalls, if any, are rectified in the form of remedial classes.

e. Clinico-pathological conferences

• Interpretations and participation in the discussions, Clinico-pathological conferences are conducted between Oral and Maxillofacial Surgery department and Oral and Maxillofacial Pathology department regularly.

• Cases of academic interest are discussed with concerned departments, participating along with the PG students and diagnostic departments.

f. Frequency and details of students participation

- Daily interaction with students during clinical procedures.
- Periodic viva-voce and tests and clinical discussions (Class tests and Internal Assessments).
- Presentation of case history, investigations, diagnosis and treatment options by the students.

g. Details of Postgraduate grand rounds

- The PG grand rounds are conducted in the department of Oral and Maxillofacial Surgery.
- The discussion is in between Professor, Reader, Senior Lecturer and PG students of the department along with the other interested PG students.
- This interaction helps in arriving at the right conclusion and benefits the PG students.

h. Sub-specialty training facilities for UGs and also PGs

The college provides varied Sub-specialty and advanced training through clinics:

- Theory and Practical in subjects of Basic Medical Sciences like Anatomy, Physiology, Biochemistry, Pharmacology, Microbiology, General Medicine, General Surgery and General Pathology.
- Clinical postings for students in Oral Medicine and Radiology, Periodontology, Oral and Maxillofacial Surgery, Orthodontics, Paedodontics, Conservative Dentistry, Prosthodontics etc; for III BDS and IV BDS students.
- Posting for PG students for specialized clinical trainings in Oral Medicine and Radiology, Periodontology, Oral and Maxillofacial Surgery, Orthodontics, Peadodontics, Conservative Dentistry, Prosthodontics.

2.3.6 How does the institution ensure that the students have effective learning experiences?

 Question answer sessions during class, topic wise class tests and quiz, presentations, group discussions, monthly tests, viva-voce, internal examinations, exam performance, case history presentations, diagnosis, simulated patient examination, practicals under guidance, assisted and own performing are evaluated and assessed.

2.3.7 How do the students and faculty keep pace with the recent developments in the various subjects?

- Participating in conferences, hands on experience, workshops, seminars, continuing dental education, internet and multidisciplinary approach in learning, self directed learning and specialty clinics.
- The effectiveness of faculty development activities are evidenced in increased number of National and international Publications, Seminars attended, Seminars organized, Research Projects, Journal Clubs, Faculties functioning as resource persons for University & DCI, Scientific Sessions chaired, Invited as Guest speakers etc;

2.3.8 Are there departmental libraries for the use of faculty and students? If yes, how effectively are they used for the enhancement of teaching and learning?

- Departmental libraries and self-directed learning are provided at each department, which provides regular and reference books specialty wise which are effectively utilized for enhancement of teaching and learning by the faculties and students.
- The total number books made available in departments are furnished in the profile of departments.
- Central library also carry large numbers of Departmental books and journals.
- Registers maintained to record attendance, issues and receipts and other services utilised by students and Faculty.

2.3.9 Has the institution introduced evaluation of the teachers by students? If yes, how is the feedback analysed and implemented for the improvement of teaching?

- Student Feedbacks are collected in structured format half yearly and analysed and improvements suggested are introduced for faculty improvement of teaching.
- Feedbacks are collected on teachers and also by HODs, problems are discussed with teachers individually and personally.
- Problem cases are reported to Principal and Chairman for appropriate action including terminations and substitutes are taken.
- Principal also attends the classes to evaluate faculty and takes appropriate steps for faculty improvement.

2.3.10 How are the following principles of teaching learning implemented by the institution?

a. Learner centred teaching methods.

• Didactic lectures, chair side teaching, peer teaching, assisted performing and independently performing the skill, seminars, problem based learning,

enrichment courses, students projects, journals clubs and other co-curricular activities are other learner centred methods.

b. ICT enabled flexible teaching system.

- ICT enabled flexible teaching are computer aided learning packages (CAL) educational CD ROMs, teaching resources (programs and software) are used, training for the preparation of software for teaching proposed.
- Lectures by power point using broad band and internet for teaching and self-learning, power point presentations, other audio visual aids.

c. Distance Education.

- Distance Education is by downloading or procuring the academic material online through internet and broad band and e-mail services.
- Online Journals are also made available for distant learning.

d. Self directed active learning system.

- Self-directed active learning system is provided by library services CD ROMs, broad band internet, question banks in all subjects and lecture power points.
- Old question papers and syllabi of other Universities are used for reference.
- A self motivated active learning system is introduced by providing facilities like a
 good number of CAL to facilitate ICT enabled flexible teaching system viz:
 Video Cassettes, Audio Cassettes, CD ROM's, E-Journals, journals & back
 volumes and other services provided by the library.
- Presentations, participation in conferences, conduct of seminars, specialty clinics, Enrichment courses, debates and quiz add value to active learning process.

e. Problem based learning

- Conducted on a day to day basis at PG level of special cases.
- Interdisciplinary cases are discussed with students and faculty of concerned departments, inter departmental clubs and integrated teaching program.

f. Evidence based Dentistry

• Students are encouraged to indulge in case discussion coordinated by faculty after collecting literature (Scientific Literature) evidence regarding the best treatment procedure that may be offered to a patient. Patients who are unable to afford the suggested procedure are offered treatment at subsidised rates or free of cost.

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

• The mission, the curriculum, incorporates excellence in knowledge skills and services, actions are implemented to achieve these goals.

- The core competencies practiced are development of skills of relevance, knowledge at par with the global standards.
- All the departments have documented the competencies, knowledge and attitude required for practice of dentistry.
- The college collects feedback from alumni on competencies gained and take appropriate actions in these areas.
- Banking experts give classes on areas of funding to students.
- Expert Lectures are given to start clinics, plan and expenditure.
- Feedback samples are collected in questionnaire developed by the college, analysed, critical areas for improvement identified, deliberated and actions implemented for continuous improvement.
- The faculties are deputed to attend various seminars and workshops for development of required skills, adequate knowledge and appropriate attitude to practice dentistry conducted at National and International levels.

2.3.11 Does the teaching hospital carry out an established initial assessment of the patients cared for, in terms of

a. Outpatients services?

- The patient is initially assessed for general and oral health and records are prepared.
- Sequence of actions are planned, based on the diagnosis made of the condition in the Department of Oral Medicine and Radiology, followed by multidisciplinary (Clinical) approach for comprehensive treatment.

b. Emergency services?

- Emergency services are provided in oral surgery department. Necessary corrective measures are taken, whenever there is a time lapse.
- Medical emergency training is given to all the departmental staff.

c. In-patients services?

- Patients are admitted for conducting major surgeries and treated as in patients.
- Discussion with patient, there close relatives are made and all legal documents are signed by them.

2.3.12 Does the teaching hospital provide

a. Laboratory services as per the requirements of the patients including established laboratory quality assurance programme, and

• The teaching hospital has established a well-equipped clinical laboratory facility for its patients care and for associated research in the Departments of Oral

Pathology, Biochemistry and Microbiology as per the requirement of the Dental Council of India.

• The centralized laboratory services are made available in the College under Oral Pathology, special cases are referred to specialised labs (MRI etc.).

b. Laboratory safety programme?

- Fire extinguishers, stabilizers/UPS etc; are provided in each lab.
- Precautionary measures, using disposable gloves, Periodic Vaccinations, Use of disposable syringes and needles, using hypochlorite solution are practiced.
- The hospital waste is segregated as per the norms of Pollution Control Board, and the waste is disposed off accordingly.
- In case of accidental contact / injury of the contaminated material, necessary preventive measures are taken instantly.
- Safety and emergency medical management training programs are organized for Clinical staff by the Department of Oral and Maxillofacial Surgery.
- Brochures, posters etc; kept at key positions.

2.3.13 Does the teaching hospital provide Imaging services as per the requirements of the patients including

- The College is having full fledged imaging service facilities such as Intra Oral Radiography, Extra Oral Radiography, Orthopantamography (OPG) Machine, Intra Oral Camera of high resolution, Darkroom and Safe light 20sq.ft.room and exhaust facility, Automatic film processor IO and EO (UG and PG together), Film storage lead container, X-ray viewer- LCD etc; in sufficient numbers.
- Highly specialised external lab facilities are utilized and have MOU with reputed labs in the city.

a. established quality assurance programme for imaging services

- Annual Maintenance contracts Signed with reputed manufactures / service agencies.
- The quality of the imaging services is ensured by periodical assessment as per Quality Control procedures during Internal Quality Audits and periodic assessments.

b. established radiation safety programme?

- The institution complies with the safety measures stipulated by AERB.
- Use of LEAD –aprons, screens, gloves & thyroid Collars.
- All the staff working in the department of Oral Medicine and Radiology are registered with AERB and provided TLD badges which are sent to AERB for radiation assessment periodically.

• In case, the radiation dose is more than the prescribed norm, the reasons are ascertained and depending upon the reasons for radiation above the permitted levels, appropriate remedial measures are taken.

2.3.14 Does the teaching hospital provide continuous and multi-disciplinary nature of patient care services?

- The services offered by the institution are of multi-disciplinary in nature.
- After initial Diagnosis, patient is referred to relevant Departments or to associated hospitals.
- Common discussions by faculty of different departments are also made where ever necessary.

2.3.15 Does the institution have a medical record department, staffed by trained and qualified personal and whether the institution has a well-documented discharge process of the admitted patients?

- The institution has dental records section staffed by trained and qualified personnel.
- The institution has an established procedure for discharging the patient on completion of his/her treatment.
- The discharge procedure is on registering at the registration counter the patients are first screened and diagnosed of their problems in the department of Oral Medicine and Radiology &advised multidisciplinary treatments, wherever necessary.
- Upon completion of all the treatment procedures they are finally assessed & are made to fill up a feedback form.
- Once the patient is fully satisfied with the treatment, they are finally discharged with appropriate advice and treatment follow up.
- Proposed to computerize patient records and follow up monitoring system.

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

- Students are trained on the medico legal procedures as part of curriculum.
- Conducted training programs on Medico legal obligations by external experts.
- Patient rights& responsibilities are displayed at prominent locations.
- Books are kept in Library, brochures are prepared and faculty are trained on medico legal procedures.

2.4 Teacher quality

- 2.4.1 How are the members of the faculty selected? Does the college have the required number of qualified and competent teachers to handle all the courses? If not, how does the institution cope with the requirements?
- The Selection Committee selects faculty following DCI/University regulations.
- All courses have sufficient qualified staff.
- Retired senior faculty from Dental/Medical colleges appointed as faculty.
- Posts are specified by DCI and Man Power planning is done by professionals in the HR Department.
- A systematic process of recruitment fills the gap.
- Trainings given to non-teaching, supporting and technical staff.
- Posts are advertised through print media, interview and selection done by selection committee.
- 2.4.2 How does the college appoint additional faculty to teach new programmes/ modern areas of study? How many such appointments were made during the last three years?
- Additional faculty to teach new programs / modern areas of study is recruited by calling applications on multi media and the candidates are interviewed by the Selection Committee including the concerned head of the department and suitable candidates are appointed.
- DCI and University regulations complied on number of faculty to teach new programs.
- 2.4.3 What efforts are made by the management for professional development of the faculty? How many faculties have availed these facilities during the last three years?
- Faculty development programs are promoted on regular basis.
- All faculties have availed these facilities.
- 2.4.4 Give details on the awards/recognitions received by the faculty during the last five years?
- Awards and recognitions received by Faculty during last five years: 55
- 2.4.5 How often does the institution organize training programmes for the faculty in the use of?
 - a) Computers?
 - b) Internet?
 - c) Audio Visual Aids?
 - d) Computer-Aided Packages?
 - e) Material development for CAL, multi-media etc.?

- All faculties are trained, system administration department is available to do up keep and maintenance.
- System Administrator takes training on new IT equipments installed.
- Computers provided in departments, in library accessible to faculty and students.
- All faculty and PG students have laptops.
- Library and Hostels are Wi-Fi enabled.
- Audio-visual aids include public addressing, LCD projectors, CDs & DVD and relevant soft wares.
- Sufficient numbers of computer aided packages are available in each department.
- Trainings given in material development for CAL and multimedia and faculty prepare own materials and use standard packages available in the market.

2.5 Evaluation Process and Reforms

2.5.1 How are the evaluation methods communicated to the students and other institutional members?

- During the departmental induction and orientation program, students are informed on methods of evaluation and through students hand book.
- Evaluation is a continuous process, consisting of frequent tests and examinations and micro-level assessing students at random after every class.
- BDS- Internal Assessment examinations are conducted twice a year, one at the end of first term and one before the final University examinations, the marks of these Internal Assessment examinations are shown to students and signature of the students will be obtained and will be displayed on the notice board.
- MDS- Annual examination theory and practicals are conducted and marks are displayed on the notice board.
- Mock examinations are conducted before every University Examination.

2.5.2 How does the institution monitor the progress of the students and communicate it to the students and their parents?

- Concerned faculty and mentor monitor the progress of the students.
- After every such internal assessment, parents are informed of the progress of the student in writing and appropriate actions specific to individual are initiated, involving parents, teachers, students and UG & PG Asst. Directors.

2.5.3 What is the mechanism for redressal of grievances regarding evaluation?

- Students on verifying their answer books if any query, they meet the concerned head of the department and get clarified of their grievances.
- Grievance Redressal Cell resolves all the other potential queries in Academics and Administration.

2.5.4 What are the major evaluation reforms initiated by the institution/affiliating University? How does the institution ensure effective implementation of these reforms?

- Evaluation methodologies are continuously reformed by the University periodically and same procedures are followed for Internal Exams, as well. The following reforms are introduced in addition to the University methodology:
- Specifically coded numbers are assigned to each answer script concealing the identity of student.
- Three sets of question papers are set by the faculties and sent to the College mail.
- The answer scripts have specific numbers on them.
- Also three sets of question papers are set by the teachers and send to the college mail, the timetable is fixed and the invigilators are appointed.
- All the exam results are prepared and displayed on the notice board for three days.
- Assistant Director-UG Studies monitors the exam reforms and ensure that it is strictly complied.

2.5.5 Is the feedback used for improving the quality of teaching? If yes, illustrate.

- Formal feedback from students on teaching is collected for selfassessment and improvement of teachers.
- Formal evaluation format is collected by the HODs, analysed and problem cases are discussed with the particular teacher privately.
- Principal observes classes conducted by faculties and improvement suggestions discussed.
- The data are analysed, problem identify and improvements are suggested for each teacher and academic support is given.
- Major problems are discussed with Principal and Chairman and appropriate actions are taken.

2.5.6 Does the institution have an academic audit of the departments? If yes, illustrate.

- All the academic departments submit consolidated assessment / audit report to the principal.
- Principal/Chairman monitors relevant points and take appropriate actions.

• IQAC conducts periodic Internal Quality Audits based on a Standard Check List.

2.5.7 When are the examination results declared? Give the time frame.

- Results of the Internal exams are declared within 10 days after the exam.
- 2.5.8 Does the mechanism of programme evaluation address all components (input, process, output and outcome) and context, as well as the totality of medical Education System of Relevance, Quality, Equity and Cost Effectiveness (social accountability of medical education)?
 - Yes, highlighted in Department Manuals.
 - The programme evaluation addresses input, process and output and the totality of dental education system of relevance to quality and cost effectiveness.
 - The programme evaluation incorporates need assessment of the student's course evaluation, evaluation of teaching learning processes for relevance and quality and social accountability of dental education.
 - Program evaluation is made by a questionnaire format and areas for improvement recognized and implemented.

2.5.9 What are some of the reforms made with reference to evaluation?

- Evaluation and assessment at micro level.
- Answer sheets are coded to conceal identity of students.
- 3 sets of question papers prepared and the actual question paper released on line just before examination.

2.5.10 How is the transparency evaluation process ensured?

- At University level a statutory system exists to keep up the transparency of evaluation process.
- All the guidelines of the University is followed in evaluation at examinations and internal assessments.
- There is a grievance redressal cell in College to handle issues of relevance in exams.
- Chairman, Principal and Academic Committee monitors and ensures the effectiveness and transparency of the evaluation process.
- Answer Sheets are returned to students, and complaints if any will be addressed.

2.5.11 Does the institution have continuous assessment? Specify the weightage?

• Continuous performance assessment is made in all subjects and CPA scores are prepared for each subject separately.

- The weightages are given to maintenance of records, participation in seminars and group discussions, clinical case study, proficiency in carrying out practical or clinical skill or participation in projects and assignments and viva-voce.
- These are evaluated objectively and recorded in continuous performance assessment cards designed and developed by each department.
- A minimum of two internal assessments are held one in each term and the average of the two is sent to the university.

2.5.12 Give details of the number of question papers set, examinations conducted per year.

- The question papers are set by the University for University examinations.
- However, 17 theory and 18 practical papers are set by the college for every internal assessments exam.
- Usually three sets of question papers are prepared out of which one is selected.

2.5.13 What methods of evaluation of answer script does the institution follow?

• The evaluation of answer scripts followed is strictly in line with the University regulations.

2.5.14 Mention the number of malpractice cases reported and how they are dealt with?

• No malpractice reported.

2.5.15 Does the institution provide the photocopy of answer scripts to students? Give details of the practice.

• Students are given evaluated answer scripts of IA exams for their verification on request.

2.5.16 Give details regarding the computerization of the examination system?

• The examination system is totally computerized commencing from Preparing Time Tables, Setting Question Papers, Conducting examinations and maintenance of marks list.

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

- a. Compatibility of education objectives and learning methods with assessment principles, methods and practices.
- Compatibility of education objectives and learning methods with assessment principles, methods and practices are well documented in affiliating university and DCI ordinances specific for each implemented by each department.
- This is assessed periodically by IQAC and HODs.

b. Balance between formative and summative evaluations

- Formative (internal assessment) and summative (university examinations) are balanced in the appropriate ratio decided by the committee in the University and current practice is 3 internal examinations and 1 University examination.
- College conducts monthly tests apart from the above.

The BDS course subjects, lecture, practical and clinical details for all years: I BDS

Sl.	Subject	Lecture	Practical	Clinical	Total
No.		(Hrs.)	(Hrs.)	(Hrs.)	(Hrs.)
1.	General Human Anatomy including human Embryology and Histology	100	175	-	275
2.	General Human Physiology	120	60	-	180
3.	Biochemistry, Nutrition and Dietetics	70	60	-	130
4.	Dental Anatomy, Embryology and Oral Histology	105	250	-	355
5.	Dental Materials	20	40	-	60
6.	Pre clinical Prosthodontics and Crown & Bridge	-	100	-	100
7.	Preclinical Conservative Dentistry	-	100	-	100
	Total	415	785	-	1200

II BDS

Sl.	Subject	Lecture	Practical	Clinical	Total
No.		(Hrs.)	(Hrs.)	(Hrs.)	(Hrs.)
1.	General Pathology	55	55	-	110
2.	General Microbiology	65	50	-	115
3.	General and Dental Pharmacology & Therapeutics	70	20	-	90
4.	Dental Materials	60	200	-	260
5.	Pre clinical Prosthodontics and Crown & Bridge	25	200	-	225
6.	Preclinical Conservative Dentistry	25	100	-	125
7.	Pre clinical Orthodontics	-	160	-	160
8.	Oral Pathology & Oral Microbiology	25	50	-	75
	Total	325	835	-	1160

III BDS

Sl.	Subject	Lecture	Practical	Clinical	Total
No.		(Hrs.)	(Hrs.)	(Hrs.)	(Hrs.)
1.	General Medicine	60	-	90	150
2.	General Surgery	60	-	90	150
3.	Oral Pathology and Oral	120	80		200
	Microbiology				
4.	Oral Medicine and Radiology	15	-	60	75
5.	Public Health Dentistry	10	-	60	70
6.	Orthodontics &Dentofacial	20	-	60	80
	Orthopaedics				

7.	Periodontology	30	-	60	90
8.	Oral & Maxillofacial Surgery	20	-	110	130
9.	Paediatric and Preventive Dentistry	15	-	60	75
10.	Conservative Dentistry and	65	-	110	175
	Endodontics				
11.	Prosthodontics and Crown & Bridge	65	80	110	255
	Total	480	160	810	1450

Final BDS Part I

Sl. No.	Subject	Lecture (Hrs.)	Practical (Hr-s.)	Clinical (Hrs.)	Total (Hrs.)
1.	Oral Medicine and Radiology	50	-	140	190
2.	Public Health Dentistry	50	-	140	190
3.	Orthodontics &Dentofacial	50	-	140	190
	Orthopaedics				
4.	Periodontology	50	-	140	190
5.	Oral & Maxillofacial Surgery	20	-	140	160
6.	Paediatric and Preventive Dentistry	20	-	140	160
7.	Conservative Dentistry and	40	-	140	180
	Endodontics				
8.	Prosthodontics and Crown & Bridge	40	-	140	180
	Total	320	-	1120	1440

Final BDS Part II

Sl.	Subject	Lecture	Practical	Clinical	Total
No.		(Hrs.)	(Hr-s.)	(Hrs.)	(Hrs.)
1.	Oral & Maxillofacial Surgery	30	-	120	150
2.	Conservative Dentistry and	30	-	120	150
	Endodontics				
3.	Prosthodontics and Crown & Bridge	30	-	120	150
4.	Paediatric and Preventive Dentistry	30	-	120	150
	Total	120	-	480	600

c. Increasing objectivity in formative evaluations

• Objectivity in formative evaluations is induced by practices to consider performance parameters like, attendance, completed clinical and home assignments, participation in co-curricular activities, students projects, community integrated activities, Continuous evaluation and PG log book.

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

• Formative internal assessment is based on University norms, no CBCS introduced, grading / marks specified.

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

- Summative examinations are conducted by the affiliating university two times in a year.
- Two examiners are appointed by the university to conduct practical and viva voce exams in each subject at BDS.

- At Post Graduate examinations 4 examiners are appointed of which two are internal and two externals are from the Colleges outside the affiliating University, preferably outside the state.
- For valuations the University norms are follwed.
- f. Theory structure and setting of question papers-Essays, long answers, shorts answers and MCQs etc. Questions bank and Key answers.

Type of questions and distribution of marks:

- Each question paper shall be of 3 hours duration, carrying maximum marks of 100.
- There shall be three types of questions Essays, short essays and short answer type.
- University regulations available in departments.

Practical / Clinical Examination

g. Objective Structured Clinical Evaluation:

- The clinical / practical examination shall include different procedures for the candidate to express one's skills.
- University norms are strictly followed which are informed to all students through brochure.
- A number of examination stations with specific instructions shall be arranged.
- This can include clinical procedures, laboratory experiments, spotters etc; and Evaluations are made objective and structured.
- The method of objective structured clinical examinations shall be followed.
- This avoids examiner bias because both the examiner and the examinee are given specific instructions on what is to be observed at each station.

2. Records / Log Books:

- The candidates are given credit for his records based on the scores obtained in the record.
- The marks obtained for the record in the first appearance be carried over to the subsequent appearances.

2.6 Best Practices in Teaching –Learning Process

2.6.1 Detail any significant innovations in teaching/learning/evaluation introduced by the institution.

Innovation in teaching

- All the faculty are trained in ICT in teaching and used regularly in classes.
- Teaching resource materials/CAL are prepared and procured by faculty.

- Invited Guest lectures, awareness on good library, journal clubs, PG seminars, clinico pathological meetings, research and student projects taken up.
- All infrastructural and materials provided.
- Micro level evaluation of Teaching & Learning process.

Innovation in Learning

- Continuous performance assessment is practiced at all subjects at UG and for PG through log book and records tracking and all other university specifications followed.
- Departmental Manual exists for all departments covering Planning, Execution and Evaluation processes in Academics.
- Propose to allocate seed money for student and faculty projects.
- 3 Criterion III: Research, Consultancy and Extension

3.1 Promotion of Research

- 3.1.1 Is there a Research Committee to facilitate and monitor research activity? If yes, give details on its activities, major decision taken (during last year) and composition of the Committee.
 - A committee of research is constituted with clearly defined notes.
 - Motivation and appreciation for research contribution given.
 - Awareness programmes on research methodology conducted twice every year with the participation of external experts.
- 3.1.2 How does the institution promote faculty participation in research? (providing seed money, research grants, leave, other facilities)
 - Research committee constituted.
 - Faculties are given study leave, work adjustments, TA, transport etc.
 - Provide facilities like ICT facilities, consumables, chemicals, equipments, Laboratories, patients, hospital facilities, investigational and library facilities etc.
 - Research committee monitors the Programs and participate.
 - Recognize best papers published on appropriate platforms.
 - The college provide assistance to carryout projects, leave for research work and given services of ICT, lab, hospital and EDP facilities.
- 3.1.3 Does the institutional budget have a provision for research and development? If yes, give details.
 - No separate funds for research are allocated, however, funds are released as and when required.

• During last two years an amount of Rs.25 Lakhs spent on purchase of equipment and consumables.

3.1.4 Does the institution promote participation of students in research activities? If yes, give details.

- UG and PG students representatives are nominated to research committee.
- Proposed to provide seed money to promote student research.
- UG & PG students, do research project as part of syllabi, Faculty have internal and external projects.

3.1.5 What are the major research facilities developed on the campus?

- University approved Research Guide available and equipment like microtome, multi head microscope etc; purchased.
- A recognized research centre with ongoing research projects funded by Department of Bio Technology, Govt. of India.
- Library and other infrastructure available for students and faculty.
- Research Methodology and Research ethics classes are conducted.
- All the departments have advanced clinical facilities and good number of patients.

3.1.6 Give details of the initiatives taken by the institution for collaborative research (with national/ foreign Universities/Research/Scientific organizations / Industries / NGOs)

- DBT funded ongoing Research projects.
- Associations and formal and informal arrangements with Research Laboratories.
- MOU signed with a European University to conduct research programs.
- Formal and informal association with research laboratories such as Biogenix, RRL, Sree Chithra, Rajiv Gandhi Institute, ICMR etc.

3.1.7 Does the institution subscribe research journals for reference as per the different departmental requirements?

Yes

No. of	No. of	Current	Back	Magazines	CDs/DVDs	Online
International	National	Journals	Volumes			Journal
Journals	Journals					
66	16	82	62	11	319	500
						Ebco-
						host-

3.1.8 What are the initiatives of the institution in the following areas to facilitate a research culture?

a. Training in Research methodology.

- Conducting regularly training in Research Methodology at least twice a year.
- Regular Ethical Committee meetings and discussions and approvals of Research Projects.
- Motivate them for research by sensitizing them for research lecture.
- Facilitate them to attend CDE/State conference/ National conference and International conference.
- Conduct and attend workshops.
- Provide library facilities and research papers, Access to e-library.
- External Hospital and Research facilities utilized.

b. Development of scientific temperament.

- Training in the institute is fashioned in such a way that the scientific queries regarding basic science and clinical practice are generated.
- Questions about a disease and its diagnosis and therapy are raised in a clinical setting and answers obtained by using scientific methods in the laboratory and then translated into clinical practice.
- In this way the inquisitiveness is generated and augmented among the faculty and students.
- Faculty with Doctorate Degrees instils Research Culture among students during regular classes.

c. Presence of Research Committee.

• The college has Research Committee and Ethical Committee with Internal and External Members.

d. Presence of Medical Ethics Committee.

Medical Ethics Committee

- College has medical ethics committee.
- e. Research collaboration with Pharmaceutical, Bio Medical and other Industries.
- **f.** The college has research collaborations with Research Labs, Hospitals and MOU signed with a European University.

g. Linkages with other Institutions, Universities and centres of excellence

• Linkages with Research Labs, Hospitals including MOU signed with University of Genova, Italy.

h. Research programmes in Basic Sciences, Clinical and Operational research, Epidemiology, Health Economics etc.

• Most of the research conducted fall under Basic Sciences, Clinical and Operational research, Epidemiology, Health Economics.

3.2 Research and Publication Output

3.2.1 Give details of the research guides and research students of the institution

Research Guides and Students					
No. of approved	No. of PhD	No. of PG	No. of UG		
Guides	Students	students (Doing	students (Doing		
		Research)	Research)		
1	3	23	III BDS & IV		
1 Principle			BDS students take		
Investigator and			up research		
1 Co-Investigator			projects in OMFS		
			Department.		

3.2.2 Give details of the following:

a) Departments recognized as research centres

- No university recognised Research Centre leading to PhD in the college, however approved guide have PhD students in other colleges recognised as Research centre.
- Some Faculty doing PhD attached with other recognised research centres.
- Will apply to university for recognition of Research Centre as and when qualified.
- MDS students do dissertation part of curriculum where all senior faculty are guides and BDS students are motivated to take up Research Projects.

b) Faculty recognized as research guides

- Dr. N O Varghese is university approved research guide and Dr.Bindu J Nair and Dr. T.T Siva kumar are Principle and co-investigators for specific projects.
- Approved Research Guides and all Professors and Readers have sufficient qualification and experience to guide UG and PG students.

c) Priority areas for research

,		
Dr. N.O. Varghese	Dr. Bindu J. Nair	Dr. T.T. Sivakumar
1. Tooth fracture	1. Pre cancer.	1. Dental stem cell
incidents and	2. Oral Cancer.	research.
Management in	3. Microbiology.	2. Oral Cancer.
school children.		3. Pre cancerous Lesions.
2. Sensitivity and		
periodontal diseases		

affecting rural	
population.	
3. Amalgams (Ag	
filling) as a restorative	
material, compared to	
tooth coloured (newer	
generation) materials.	

- Good projects of students are published in journals and magazines.
- d) Ongoing Faculty Research Projects
- Ongoing faculty research projects are 12.
- e) Ongoing Student Research Projects
- Ongoing Student Research Project are 23.
- 3.2.3 What are the major achievements of the research activities of the institution?
 - Increased number of Research Publications in national and International journals is the major achievement in research.
- 3.2.4 Are there research papers published in refereed journals by the faculty? If yes, give details for the last five years including citation index and impact factor?
 - The last five years research papers published in refereed journals by the faculty. Data in Profile of Departments and details with Departments.
- 3.2.5 Give list of publications of the faculty.
 - Total of 305 Publications made by Faculties. Details of publications available in Departments.
- **a. Books:** Details available in Profile of Departments.
- **b. Articles:** Data furnished in Profile of Departments and details of publications available in Departments.
- **c.** Conference/Seminar Proceedings: Data furnished in Profile of Departments and details of publications available in Departments.
- **d.** Course materials (for Distance Education): the college has procured CDs, DVDs and Other AV resources, Videos, Databases Medline, Online journals that are used as course materials.
- **e. Software packages or other learning materials:** The college has developed number of power points for regular use
- **f.** Any other (specify): The college has conducted integrated teaching, problem based learning, tutorials, seminars conducted, journal clubs, PG seminars, clinico

pathological meetings, research projects on going and completed, DBT funded Research Projects, UG & PG students projects.

3.2.6 Give the highlights of the collaborative research done by the faculty

• No collaborative research done by Faculty.

3.3 Consultancy

3.3.1 List the broad areas of consultancy services provided by the Institution during the last five years (free of cost and/ or remunerative). Who are the beneficiaries of such consultancy?

- Free consultancy is given to student by Faculty in the areas of clinic and lab setting, equipment purchase, project report etc.
- Faculties also have consultancy services in own clinics and hospitals, in addition to telephonic consultancies.
- The beneficiaries are students and public.

3.3.2 How does the institution publicize the expertise available for consultancy services?

- Publishing in websites and mass media.
- Surgeons like Dr. Surej Kumar who conduct major surgeries in other hospitals and conduct talks in mass media.

3.3.3 How does the institution reward the staff for the consultation provided by them?

- The management appreciates and for distinguished achievements of the faculty during annual functions and other institutional functions.
- Achievements are recognized and rewarded during faculty assessment by providing promotions and salary hikes.

3.3.4 How does the institution utilize the revenue generated through consultancy services?

• Revenue generated from services is merged in institutional income and is utilized for its academic and research activities.

3.3.5 Give details regarding the consultancy services for Secondary, Primary Care Centres and Medical Practitioners.

- Satellite clinics and clinics managed by the Faculty refer cases, especially surgical cases to College.
- Special cases requiring extra ordinary facilities other than Dental are referred to Medical Hospitals such as KIMS.

CONTINUING DENTAL EDUCATION PROGRAMS

SL.	MONTH &	TOPIC	FACULTY	INTERNAL
NO.	YEAR			
1	A + 2012	T A	D., A. V	EXTERNAL
1.	August,2012	Team Approach to	Dr. A .Kumaraswamy	External
	One Day	Excellence	D. Cl D	Γ1
2.	September, 2012	Recent Advances in OMFS	Dr. Sherry Peter	External
3.	One Day		Jointly by Danartmants	Internal
3.	September, 2012 One Day	Triple 'O' Club Clinical Meeting	Jointly by Departments	memai
4.	October, 2012	Micro Surgical	Dr. P.D. Joshi,	External
''	One Day	Endodontics	Dr. Vivek Hegde	
5.	September, 2012	Basic Life Support	Indian Institute of	External
	One Day		Emergency Medical	
			Sciences	
6.	September, 2012	Research Methodology	Dr. M.K.C.Nair	External
	Two Days		Dr. Sara Varghese	External
			Dr. Jose	External
			Dr. Murallidharan	External
			Dr. Regi	External
			Dr. Bindu J Nair	Internal
7	January, 2013	Conscious Sedation	Dr. Nila Reddy	External
	One Day	"Wake up with a smile"		
8	February,2013	Soft Tissue Grafting	Dr. John Pauline	External
	Two Days			
9	March, 2013	How to get Published	Dr. Rajesh Pillai	Internal
	One Day		Dr. Vivek. V	
			Dr. Suvy Manuel	
10	June, 2013	MBT Technique	Dr. Sadashiva Shetty	External
	Three Days		Dr. Roopesh .R	Internal
11	August, 2013	Workshop on Research	Dr. Sara Varghese	External
	Two Days	Methodology	Dr. Murallidharan	External
			Dr.M.K.C.Nair	External
			Dr. Suvy Manuel	Internal
12	September, 2013	Myoepithelioma	Dr. Surej Kumar .L.K	Internal
	One Day	Triple 'O' Club	Dr. Vivek. V	Internal
			Dr. Bindu J Nair	Internal

3.4 Extension Activities

3.4.1 How does the institution promote the participation of students and faculty in extension activities? (NSS,NCC,YRC and other NGOs)

• The College has constituted committee for extension activities incorporating students and faculties.

- The college has a full time Public Relation officer in charge of camps.
- The committee plans the annual calendar of events and ensures faculty and students participation in extension activities.
- Rain water harvesting, solid waste management, water treatment, tree plantations, blood donations, awareness on dental health and hygiene to school students, NGOs etc.

The Following are the activities

1) Regular camps:

- The department has been conducting dental camps since the year inception. The details of yearly breakup of camps are given. Total 227 Camps and patients are treated in 5 years.
- The camp activities under extension include:
- a. Health education camps for schools, NGOs, housewives etc.
- b. Screening camps in villages
- c. Treatment camps
- d. Referral services for children in schools, orphanages, geriatric population and disabled children
- e. Blood donation camps
- f. Anti tobacco rallies
- g. World health Day rallies
- h. Awareness exhibitions
- i. Civic awareness

2) Special camps:

- Adoption of schools and providing comprehensive treatment and oral health education programs.
- The college has been conducting special camp activities under the sponsorship of NGOs, Santhigiri. specially challenged etc.

3.4.2 What are the outreach programmes organized by the institution? How are they integrated with the academic curricula?

- Awareness and trainings to school students.
- The outreach programs organized in collaboration with NGO's, rural Panchayat, residents associations, schools on oral health & hygiene, self-help groups, community health administrators, anganwadi workers, and participating in national health programs.
- Students by participating in these activities develop attitude for service, team working and gain experiences to practice in rural settings.

- Community service is integrated in curricula through dental camps and hospital services.
- Faculty, PG students, Interns and supporting staffs actively participate in extension and outreach activities.

3.4.3 How does the institution promote college-neighbourhood network in which students acquire attitude for service and training, contributive to community development?

- The students, Faculty and Public Relation Officer conduct surveys at the neighbourhood and identify the problems of the area and camps arranged.
- Based on survey, camps and awareness programs are arranged, this will give values, service mentality, oneness and community development attitude to students.
- Camps are also conducted in the institution on holidays for the benefit of neighbours.
- 3.4.4 What are the initiatives taken by the institution to have a partnership with University / Research institutions /Industries /NGOs etc. for extension activities?
 - Associations and linkages for extension activities with NGOs and Hospitals are in practice.
- 3.4.5 How has the local community benefited by the institution? (Contribution of the institution through various extension activities? Outreach programmes, partnering with NGOs and GOs)
 - Through extension programmes around 1000 school students and public are given classes and trainings on Dental Health and Hygiene.
 - Through the clinics and dental camps around 12000 patients were given dental awareness and treatments.
- 3.4.6 How has the institution involved the community in its extension activities? (Community participation in institutional development, institution-community networking etc.)
 - Local panchayat and elected members and experts are involved in extension activities by way of organizing camps, deputy volunteers providing venues and local hospitality, advertisement etc.
 - The college has adopted schools for its free services to children.
- 3.4.7 Any awards or recognition received by the faculty / students /Institution for the extension activities.

• An appreciation and recognition was awarded to the college on successful completion of exhibition and camp organized in Santhigiri.

3.4.8 How does the institution promote institution-neighbourhood network in which students acquire service training, which they contribute to sustained community development?

Regular camp activities:

- Regular clinical and awareness camps with NGOs and panchayats conducted in nearby villages and tribal areas to acquire the students to study the real life situation of locality, the level of their knowledge in dental health hygiene which develop service training, service mentality and sustained community development attitude.
- Above 20% of our passed out students are working in rural and tribal areas by starting clinics and consultancies.

3.4.9 Give details of percentage of paid and non-paid services

- Patients are screened and treated freely in camps, major cases referred to OP in college.
- Patients, Below Poverty Line are treated freely in clinic.
- 100% of patients attending the camps are given non paid services.

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

- a. Adaptation of the population in the geographical area for total health care.
 - The college has adopted 5 primary schools of the locality for free total dental care and has entered into a Memorandum of Understanding for continued awareness creation.

b. Awareness creation for prevention of diseases and promotion of health through Information, Education and Communication. (IEC)

- The institution conducts oral health care management and diseases prevention and awareness lectures to school children and public through awareness literature, rallies and campaign, lectures, slide shows etc.
- c. Community outreach health programs for Screening, Diagnosis and management of diseases by cost effective interventions.
 - The college regularly conducts dental camps as outreach activities for screening diagnosis and management of diseases by cost effective interventions.
 - Totally the college conducted 227 camps during the last five years and 20000 patients were treated.
- d. Awareness creation regarding potable water supply, sanitation and nutrition.

• Community awareness lectures are held regarding water borne diseases, safe drinking water, sanitation and nutrition etc.

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

• The college conducted awareness through community extension activities regarding water and air borne communicable diseases.

f. Awareness creation regarding emerging diseases (Communicable and non communicable).

• The Community Medicine Department of the college conducted awareness on communicable, non communicable and emerging diseases like mosquito borne diseases, HIV, Hepatitis B etc; in the locality by visiting faculty and experts.

g. Awareness creation regarding the role of healthy life styles and physical exercise.

- The college regularly conducts awareness of healthy life style, healthy food and role of physical exercise to our students and public.
- Gymnasium and sports facilities are provided to our students with an aim of improving healthy life style.

h. Participation in national programs like Family Welfare, Population Control, Immunization, HIV Aids, Blindness control, Malaria, Tuberculoses etc.

• The college in association with other Medical institution conduct and participates in National Health Programs for Polio, Cancer, HIV, and such similar diseases, awareness activities.

3.4.11Is there any research or extension work to reach out under- privileged sections in particular women and children?

• The institution conducts school children oral health care programme and serve the rural community through dental camps, awareness creation etc.

3.5 Collaborations

3.5.1 Give details of the collaborative activities of the institution with the following organizations:

Local bodies / Community:

• Sharing collaboration in extension, outreach, PTA, Ethical committee activities.

State

• University higher education, consortium, research labs, medical colleges, curriculum, examination, faculty development, Ethics

National

• DCI, IDA, NAAC for regulatory guidelines, inspection and approvals, quality sustenance etc.

International

- Collaboration with European University for conducting certificate in Diploma courses and Research Association.
- Our approved faculty visits other countries like Italy, China, Tehran and Singapore, conducting classes.

Industry

 Associations with mouth cleaning product manufactures like Colgate Palmolive for conducting seminars and camps jointly and recommending usage of healthy dental care practices.

Service Sector

• Services such as security, cleaning and housekeeping, water supply, canteen, placement services etc. are out source.

Agricultural Sector

Rubber Board, Gardening and landscaping agencies

Administrative Agencies

• Administration, Library, Computers, ICT etc; for equipment, training and services.

3.5.2 How has the institution benefited from the collaboration?

a) Curriculum development

• Affiliating Universities, University of Genova Italy, DCI etc.

b) Internship

• The internees utilize hospital collaborations for skill enrichment with SUT, KIMS, Sree Chitra Tirunal Institute of Medical Sciences and Technology, Regional cancer Centre, Government Medical College Trivandrum, Gokulam Medical College etc;.

c) On- the –job training

• Imparted to administrative and non-teaching staff.

d) Faculty exchange and development

- Visiting faculties and our faculties visiting reputed hospitals.
- Our faculty visiting countries like Italy, China, Tehran and Singapore for conducting classes

e) Research

• Clinical departments and have established linkages for research with reputed labs and hospitals.

f) Consultancy

 The hospital provides basic and advanced multispecialty oral health care services and prevention of oral diseases through active collaboration with the local communities involving NGOs.

g) Extension

 Panchayat, Schools, NGOs, Medical colleges and Community Health Centres

h) Publication

• Dr. Vivek. V, HOD, Dept. of Oral Medicine and Radiology is in the editorial board of university publications.

i) Student Placement

- Our guidance empowered students to start own clinics.
- Awareness for employment in military services, research and product development.
- The collaborations benefited to HR development, Quality improvement, skill development, communities services & integration.

3.5.3 Does the institution have any MOU/MOC/ mutually beneficial agreements signed with other academic institutions?

Other Academic Institutions

• Informal agreement with reputed hospitals like SUT, KIMS etc.

Industry

• Agreements with construction agencies, annual maintenance contracts with manufacturers and service agents etc.

Other agencies

• Formal MOU signed with Biogenix to share laboratory facilities for research.

3.6 Best Practices in Research, Consultancy and Extension

3.6.1 What are the significant innovations/ good practices in Research, Consultancy and extension activities of the institution?

- 3 day workshops for PG and selected UG students to motivate and promote research temper.
- Dummy Research projects are prepared by them and evaluated in the workshop

4 Criterion IV: Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 What are the infrastructure facilities available for

- a) Academic activities?
 - Fully equipped ICT enabled lecture halls, labs & clinics, library with all modern facilities and resources, A/c Auditorium for conducting trainings and seminars, Wi-Fi enabled library and hostels.
- b) Co-curricular activities?
 - Students are encouraged to attend seminars and workshops conducted by other organizations.
 - Visits to places of co-curricular significance.
- c) Extra- curricular activities and sports?
 - Indoor and outdoor facilities for sports and games.
 - Utilization of external facilities for conducting sports and games.
 - Active participations in sports and games at State and National levels.
- 4.1.2 Enclose the Master Plan of the college campus indicating the existing physical infrastructure and the projected future expansions.
 - Master plan indicating completed, progressing and future plan attached.
- 4.1.3 Has the institution augmented the infrastructure to keep pace with its academic growth? If yes, specify the facilities and the amount spent during the last five years.
 - Continuous infrastructural developments are being carried out to catch up with the academic growth.

Infrastructure	2011-2012	2012-2013
Building	Rs. 1,42, 78,068	Rs. 3,92,54,055
Furniture	Rs. 1,25,000.00	Rs. 2,00,000.00
Equipment	Rs. 50,80,555.00	Rs. 1,15,00,000.00

- 4.1.4 Does the institution provide facilities like common room, separate rest rooms for women students and staff?
 - Common staff room − 1
 - Rest room for women (bathroom attached) 1
- 4.1.5 How does the institution plan and ensure that the available infrastructure is optimally utilized?
 - All facilities are open to student and faculty.
 - Auditorium is given for public use on demand, IDA national conference of 2012 Venue was our college.
 - Computer, photocopying, internet are open to all students and faculty till 7PM in the library.

4.1.6 How does the institution ensure that the infrastructure facilities meet the requirements of the differently – abled students?

- The college meets the needs of the differently abled students by providing wheel chair, lift, ramp etc.
- There is no such student now studying.
- This facility is extended to such patients also

4.1.7 Provide the following details:

- a. Lecture theatre Yes
- **b. Number** 4
- **c. Arrangement of Seats** Flat, Podium with PA system, Platform, LCD projector etc.
- d. Accommodation in each 100
- e. Light Natural and electrified
- **f. Ventilation** Yes
- g. Audio-visual facilities Yes

Out-patient (OP) departments:

- a. Casualty ServicesAmbulanceYes, with all facilities including
- **b. Facilities available** Doctor, Nurse, labs, wheel chair, structure, medicines, oxygen cylinder, cardiac monitors and ICU

4.2 Maintenance of Infrastructure

- 4.2.1 What is the budget allocation for the maintenance of (last year's data)
 - a. Land?
 - b. Building?
 - c. Furniture?
 - d. Equipment?
 - e. Computers?
 - f. Vehicles?
 - Annual Maintenance Contracts, trained mechanics, repair workshop and reserve spares.

Budget allocation

	2012-2013	2013-2014	
A. Land			
B. Building	Rs. 9,46,631.00	Rs. 12,50,000.00	
C. Furniture	Rs. 1,25,000.00	Rs. 2,00,000.00	
D. Equipment	Rs. 2,25,000.00	Rs. 3,15,000.00	
E. Computers	Rs. 55,000.00	Rs. 75,000.00	

F. Vehicles	Rs. 2,20,000.00	Rs. 3,00,000.00

4.2.2 How does the institution ensure optimal utilization of budget allocated for various activities?

- The budgets are fully and optimally utilized.
- The finance committee reviews the status once in 6 months.

4.2.3 Does the institution appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained?

- Maintenance Department constituted with professionals.
- Maintenance committee meets weekly, monitor and review maintenance and related matters.
- AMC signed for few equipments, outsourcing is also done.
- Workshop and maintenance store are maintained.

4.3 Library as a Learning Resource

4.3.1 Does the library have a Library Advisory Committee? What are its major responsibilities?

- Library Advisory Committee exists.
- Responsibility includes purchase on requests from departments, assess infrastructure, staff and maintenance requirements and execute.
- Ensure and monitor optimum utilisation.

4.3.2 How does the library ensure access, use and security of materials?

- The Library innovated in 2013, relocating the old library at 3rd floor to the newly built cellar with larger carpet area having more facilities for learning, references and research activities.
- The library functions from 8 am to 7 pm with easy access to students from hostels and college.
- Optimum utilization of library is ensured by making the minimum number of hours to be spent in the library for students and faculty is made mandatory.
- The library has provided facilities like specialised and advanced books and journals, internet, photocopy, online journals etc.
- The library has PG & UG Reading areas, Reference section, Circulation section, Audio visual facilities etc.
- The central library has a seating capacity of 250; which is very well ventilated and illuminated with UPS and Generator, Surveillance Cameras are also installed for security.
- List of Books and Journals are provided by departments and purchased annually and on requirement by Librarian through purchase department.

- List of Books are approved by Library committee and purchase is monitored by Administration.
- The college also has Libraries attached to all Departments.

4.3.3 What are the various support facilities available in the library?

- Computer facilities with Wi-Fi Wide Band Internet and Scanning.
- Access to online journals through Ebscohost
- Medline Search
- Audio /Video facilities and Media room.
- New arrivals desk.
- CD-ROM searches.
- Photocopy.
- Slides & Video viewing.
- Libmas software
- Display board
- Notice Board
- Reading Room (Capacity 250)
- Library visit is compulsory for students and Faculty.
- Faculty supported library for students.
- HODs collect list of books and journals, librarian consolidate, library committee approves and Administration purchase.
- Drinking Water facilities.
- Facility for physically challenged.

4.3.4 How does the library ensure purchase and use of current titles, important journals and other reading materials? Specify the amount spent on new books and journals during the last five years.

Items	Amounts Rs.					
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010	
Books, Journals,	22 Lakhs	19,69,354	19,50,945	16,61,758	2,47,647	
Periodicals and						
other titles.						

4.3.5 Give details on the access of the on-line and Internet services in the library to the students and faculty.

• Library has 15 computers with relevant soft wares installed which is open for students from 8 am to 7 pm on all working days.

- The library is Wi-Fi enabled with free access to students and faculty.
- CD- ROMs, audio visual facilities including DVDs are open to students and faculty.
- 4.3.6 Are the library services computerized? If yes, to what extent?
 - Library services are fully computerized with the relevant softwares.
- 4.3.7 Does the institution make use of INFLIBNET/DELNET/IUC facilities? If yes, give details.
 - The library has subscribed Ebscohost, online journals.
 - Books search facility is computerized with Libmas soft ware.
- 4.3.8 What initiatives are taken by the library staff to enrich the faculty and students with its latest acquisitions?
 - Latest arrivals are communicated to departments and displayed separately.
- **4.3.9** Does the library have interlibrary borrowing facility? If yes, give details of the facility
 - No, proposed.
- 4.3.10 What are the special facilities offered by the library to the visually- and physically- challenged persons?
 - No such students admitted till date.
 - Special facility for physically challenged provided like wheel chair, lift, ramp, physical assistance etc.
- 4.3.11 List the infrastructural development of the library over the last two years
 - New site, more facilities, total innovation.
- 4.3.12 What other information services are provided by the library to its users?
 - Reader friendly information, software, free access and borrowing facility, online catalogue, e-journals etc;.
 - Logbook kept for entry and exit of users.
- 4.3.13 If the library has an archives section, to what extent is it used by the readers and researchers?
 - No archives, (only 11 years history) to be arranged soon.
 - Back volumes of journals with proper labels kept.
- 4.4 ICT as Learning Resources
- 4.4.1 Does the Institution have up-to-date computer facility? If yes, give details on the available hardware and software

List of Computers

Name Of the	Computers	Laptop	Printer	Scan	LCD	Digital
Department				ner	Projector	Camera

Oral medicine	2	12	1	1	1	1
Oral surgery	1	13	1	1	1	1
Oral	1	14	1	1	1	1
Pathology						
Conservative	2	14	1	1	1	1
&						
Endodontics						
Orthodontics	1	14	1	1	1	1
Pedodontics	1	13	1	1	1	1
Community	1	1	1	1	1	1
Dentistry						
Prosthodontics	1	14	1	1	1	1
Periodontics	1	12	1		1	1
Library	15		2	1	1	13
TOTAL	26	93	11	9	10	22

4.4.2 Is there a central computing facility? If yes, how is it utilized for staff to students?

- All departments have computers and 100% PG students and faculty have Laptops, computers in library have free access to students and faculty.
- All students are computer literate and use profusely.
- Training for students are given by IT department, if required.

4.4.3 How are the faculty facilitated to prepare computer-aided teaching/learning materials? What are the facilities available in the college for such efforts?

- The college has System Administration Department with a professional.
- A fully equipped Server Room, computer hardwares and softwares, colour laser printers, scanners and other facilities.
- Secretarial staff and all the faculties knowledgeable in preparing and using ICT for the preparation of CAL, power point and other course materials.
- All the departments have computers and other associated facilities, teachers students and Administrative staffs are trained to use ICT in teaching learning and Administration.
- LCDs are regularly used in teaching learning evaluation and other services.

4.4.4 Does the Institution have a website? How frequently is it updated? Give details.

- The institution has website and Administrator monitors and ensures the regularity of updating website, bi weekly.
- Important events are collected by the Administrator and published in website minimum once in 3 months.

4.4.5 How often does the institution plan and upgrade its computer systems? What is the provision made in the annual budget for update, deployment and maintenance of the computers in the institution?

- System Administration Department collects monthly feedback on performance of entire ICT facilities from all departments and initiates any preventive and corrective actions appropriately.
- Purchase and up gradation of computer systems is a continuous process and around Rs.5 lakhs per year is budgeted and additional funds are provided against specific requirements.

4.4.6 How are the computers and their accessories maintained? (AMC etc.)

- The college has annual maintenance contracts for all ICT enabled services across the campus, one professional is posted on the campus to meet the ICT service and maintenance needs.
- System Administration Department attend emergency situations of the systems.
- Qualified professional appointed for maintenance and trouble shooting, guarantee is available for new systems for specified period and AMC proposed thereafter.

4.5 Other Facilities

4.5.1 Give details of the following facilities:

- a) Capacity of the hostels (to be given separately for boys and girls)
- b) Occupancy
- c) Rooms in the hostel (to be given separately for boys and Girls)
- d) Recreational facilities
- e) Sports & Games (Indoor and Outdoor facilities)
- f) Health and Hygiene
- The hostel complex consists of 3 blocks (2 old & 1 new) for ladies and 1 block for men.
- The details (a to d) are as follows:

Hostel	Capacity	Occupancy	Number of	Recreation Facility
			Rooms	

Ladies	360	244	136	Gymnasium, T.V Room,
				Indoor Games
Men's	80	60	38	Gymnasium, T.V Room,
				Indoor Games

The facilities provided to the boarders are:

- Rooms of sufficient size, well ventilated and illuminated.
- Every room has Table & Chair, Coat, Cupboards, Fans, Dust Bin, Hand wash, Bath room and toilet facilities.
- Separate water tanks are provided for hostels with drinking water facilities.
- Hostels are Wi-Fi enabled.
- Generator Connected for emergency power failures.
- Well furnished Visitor's room.
- TV with cable connections and AV facilities.
- Newspapers and magazines.
- Indoor and outdoor facilities provided in hostels.
- Multigym is open in early and late hours for inmates.

e) Sports and Games (Indoor and Outdoor) facilities

 Shuttle Badminton, Table Tennis, Caroms, Chess, Volley Ball, Basket Ball, Gymnasium.

f) Health and hygiene

- Qualified and experienced nursing staff.
- Emergency Ambulances with driver for 24 hours.
- Services of Medical Officer on call.
- 24 Hours Security services and Warden attending to all emergencies.
- Fire Fighting Equipment, First Aid facilities and Emergency Ambulance.
- Housekeeping staff to keep the hostels clean and tidy.
- Efficient waste management system.
- Women security staff for Ladies Hostel.
- Good Kitchen and Mess Hall meeting Food Safety requirements, cost dividing system, student committee for food arrangement.

4.5.2 How does the institution ensure participation of women in intra-and interinstitutional sports competitions and cultural activities?

• Sports and Cultural Committees and participations are represented equally or by more women.

- Other Student committees are represented equally by male and female students.
- Students are encouraged to participate in sports and cultural activities.

4.5.3 Give details of the common facilities available with the Institution

- The common facilities available are Modern Canteen, Staff room, day care centre (Proposed), common room for students, rest rooms, health centre, vehicle parking, guest house, Canteen, telephone facilities, internet services, transport, drinking water, Wi-Fi, Ambulance etc;
- Linkup with Medical Colleges for speciality treatments.
- 4.5.4 What physical facilities does the teaching institution / hospital provide in terms of building (for the medical institution, hospital and residential quarters), diagnostic and therapeutic equipments, computers, management and information system and the important fittings and fixtures?
 - a. Civil, electrical and mechanical maintenance organization,
 - b. Annual maintenance contract for bio-medical equipments, computers and other such machines/ gazettes'
 - The institution has all the infrastructural facilities such as land & building, equipment for diagnosis and therapy.
 - The teaching and learning processes are ICT enabled and the relevant hard wares and soft wares are available.
 - All the critical equipments are under maintenance control with preventive and break down maintenance program.
 - Annual maintenance contract agreement signed with manufactures / service agents for few equipments, out sourcing done for others.
 - The list of instruments and equipment are maintained in departments.
 - The Audited and projected balance sheet indicates the fund allocations for the purchase of equipment to the turn of around 1.5 cores.

c. In house equipment maintenance & repair workshop.

- The college has workshop to maintain dental chairs, mechanical, electrical and other equipments.
- Competent personnel are appointed and professionally trained to attend maintenance work.
- 4.6 Best Practices in Infrastructure and learning Resources
- 4.6.1 What innovations/ best practices in 'Infrastructure and Learning Resources' are in vogue or adopted/ adapted by the institution?

- Constitution of committees with student representatives for infrastructure, learning resources, extracurricular and co-curricular activities.
- The committee collects stakeholder feedbacks for library and analyses and actions are initiated for improvement.
- Constitution of democratic committees for infrastructure ICT etc.
- Good number of both national and international journals, and state of the art e-library, electronic digital processing and printing facilities are provided with sufficient space and facilities for different users.

5. Criterion V: Student Support and Progression

5.1 Student Progression

5.1.1 Give the socio-economic profile (General, SC/ST, OBC etc.) Of the students of the last two batches.

		2012-%	2013-%
	Total No. of Seats	100	100
1	SC	04	03
2	ST	0	0
3	OBC	64	58
4	WOMEN	80	73
5	RURAL	58	51
6	GENERAL	31	39

• Economic status is identified through data collected from induction analysis and are categorised as low income, middle income and high income groups.

5.1.2 What are the efforts made by the Institution to minimize the dropout rate and facilitate the students to complete the course?

- The dropout rates of students are negligible to the extent of less than 3%.
- The effort made by the institution to minimize the dropout are, personal counselling, Principals interaction with the parents and such similar activities.

5.1.3 On an average, what percentage of the student's progress to further studies and for employment?

Give details for the last two years. (UG to PG to PhD and /or to employment)

• List furnished with Additional Inputs for Dental Colleges.

5.1.4 Does the institution facilitate the placement of its outgoing students? What proportion of the graduating students have been employed? (average of last five years)

- The institution provides information on job opportunities and motivates for self-employment.
- Faculties having clinics provide awareness on establishing dental clinics and professional and financial implications.
- Lectures are arranged by bank officials regarding project reports, bank facilities available, interests on loans and repayment schedules.
- The programs offered are being professional courses 100% of the passed graduates either settled in practice, employment or chose to join post graduate education.

5.1.5 How does the institution facilitate and support students for appearing and qualifying in various competitive examinations? Give details on the number of students coached, appeared and qualified in various competitive exams?

- The Institution encourages students to appear for various competitive exams and books are made available in the library.
- Institution motivates the students to take up exams of National and International repute including CDE programs.
- Appropriate books for such training are made available in the library.
- The institution has faculty who have attained memberships and fellow ships from Royal Colleges overseas.

5.1.6 Give a comparative analysis of the institutional academic performance with reference to other colleges of the affiliating University and the university average. (Pass percentage, Distinctions, Gold medals and University Ranks, Marks obtained in relation to university average etc. (last five years data)

- The students have bagged 23 ranks since 2003.
- For PG program, the results have been 100% while the University Average was 95%.
- For UG program, the results have been 97% while the University Average was 97.66%.
- Above are for last academic year and the details for five years will be furnished during peer team visit.

5.2 Students Support

- 5.2.1 Does the institution publish its updated prospectus, handbook and other student information material annually? IF yes, what is the information disseminated to students through these publications?
 - Contents of students hand book, induction program provides clear information to students about admission, completion requirement for all programs; the fee structure and refund polices; financial aid and student support services, library information rules of the college, free ships and concessional rates of fees, research funds etc;
- 5.2.2 Does the institution provide financial aid to students? If yes, specify the type and number of scholarships/ free ships given to the students during the last academic year by the institution (other than those provided by the social welfare departments of the State or Central Governments).

Total number of students	Free ship	Scholar ship /	OBC	Amount
	_	Concessional		
		Fees		
100	5	20	58	Rs.20 Lakhs in
				average per year

- Admission from management quota for low income group and fee concessions given.
- All students are insured for accident and the premiums are paid by the institution.
- 5.2.3 Give details of schemes for student welfare. (Insurance, subsidized canteen facilities, special diets, student counselling support, "earn while you learn" scheme etc.)
 - All the SC/ST Students are provided with free education by Government which comes to around 10% of the students admitted in UG.
 - The socially and economically backward classes of students are provided with concessional rates of fees which varies from 20 to 40% of the actual fees depending on their income.
- 5.2.4 What type of support services is available to overseas students?
 - The objective of the institution is to enhance infrastructure and other facilities to international standards.
 - Presently there are no overseas students.
- 5.2.5 Give details of the placement and counselling services for the students?

- The programs enrich the students with professional skills that are in much demand by way of service and education.
- The courses being professional the alumni have settled private practice, employment or continue for higher studies.
- Placement cell is headed by the Principal and given classes on job opportunities, higher learning, how to establish private clinic, funding facilities etc.
- Students are guided on job notifications and advertisements, PSC test details, internal methods, conference etc. given.

5.2.6 How does the institution encourage and develop entrepreneurial skills among the students?

- Professional personality development courses, entrepreneurial skills are provided to the interns by expert lecturers.
- Induction programme conducted deals with self employment details for interns and UG students.
- Classes conducted by expert faculties and financial experts on establishing Dental Clinics and other financial aspects.

5.2.7 Does the faculty participate in academic and personal counselling? If yes, give details on services provided during the last academic year?

- Providing academic and personal counselling is continuous and ongoing process throughout the program by faculty, mentors, remedial drill, continuous performance assessment in all the departments, parent teacher interaction provide total academic and personal counselling.
- Faculty and mentors identify students requiring counselling and are advised suitably and serious cases are referred to Professional Counsellor.
- Parents are advised on the declining progress in studies due to personal reasons.

5.2.8 Is there a separate guidance and counselling centre for women students? If yes, enumerate the activities of the centre

- Separate guidance and counselling for women students are provided.
- A female counsellor is appointed to deal with issues requiring counselling based on the recommendations from faculty and mentors.
- Problem cases are referred to Professional Counsellors in Medical College.

5.2.9 Is there a Cell/ Committee constituted for prevention/action against sexual harassment of women students? If yes, detail its constitution and enumerate its activities (issues addressed during the last two years)

- Anti ragging committee takes care of the prevention / action against sexual harassment of women students.
- So far no such incidence has happened in the institution.
- Notices, Rules & Acts, Punishment etc. are displayed.
- This issue is seriously dealt during induction.

5.2.10 Does the institution have a grievance redressal cell? If yes, what are its functions? Detail the major grievances redressed during the last two years.

- The college has grievance redressal cell to deal with the day to day problems of the stakeholders including students, staff, and patients.
- The complaint redressal document, including feedback forms have clearly set mechanism to address such issues.
- No such major grievances have occurred in last two years or earlier.
- Complaint/suggestion box, cell with faculty, administration and students as members.
- Appellate body deals with grievance for exams, internal & external university and clearly set mechanism exists as per university guidelines.

5.2.11 Is there a provision for acquiring computer skills/ literacy for all students, in the curriculum? If yes, give details on how it is imparted, and level of proficiency.

- Computer usage and ICT enabled services are practiced by all the students.
- Curriculum refers only applications and no specific course.
- All students and faculty are computer literate and 100% of faculty & PG students have own laptops/PC.
- ICT is used in teaching, learning and evaluation; departments and library provided with computers and softwares.
- All the students are well worse with computer and ICT application.

5.2.12 What value-added courses are introduced by the institution to develop life skills; career training; community orientation; good citizenship and personality development of students?

Life skill:

• As part of life skills development, students are given lectures on communication skills, decision making and life style modifications for better living and such expert lectures are organized periodically.

Career training:

• Career training is provided throughout internship postings in varied departments.

• The interns are provided with induction programme as value added course to make them successful in self employment.

Community orientation:

• The students participate in extension and community outreach activities through dental camps and other external and internal community oriented programs.

Good citizenship:

- The students participate in all the National festivals, National health programs, observance of National & International days, community festivals like Onam, Christmas, Bakrid, Ramzan etc.
- Blood donation and other charity related activities are encouraged by various lectures organized in college.
- The students are made well aware of their social and professional accountability through varied activities (eg: Internization of service mentality, protection of nature etc.).

Personality development:

- The College conducts lectures, trainings and seminars for soft skill and personality development.
- Pamphlets and postures, fire extinguishers, ambulance, link with police department, classes and literature on traffic rules kept, first aid training given.

5.2.13 How does the institution ensure safety and security of the students, faculty and the institutional assets?

- The Security of the college is outsourced through professional security services.
- Installation of surveillance cameras throughout the campus for total security of students, staff and property is proposed.

5.2.14 What support services are available to SC/ST students?

- All SC / ST students are given free education and other facilities by Govt.
- Merit cum means reservation in admission.

5.2.15 What are the support services made available to physically challenged students?

- Ramp, wheelchair, lifts etc. are provided for the physically challenged students.
- So far no physically challenged student has joint college.

5.3 Student Activities

5.3.1 Does the institution have an Alumni Association ?If yes,

- The formation of a registered Alumni Association is in the pipeline.
- Informal meetings, contact through phone & internet is practised.

I. List its current Office bearers

- Yet to be formed.
- II. List its activities during the last two years.
- The college is in close contact with many prominent ex- students and their constant suggestions for improvement are well taken, some visit regularly the departments for exchange of ideas.
- III. Give details of the top ten alumni occupying prominent positions.
- List attached.
- IV. Give details of the contribution of alumni to the growth and development of the institution.
- The valuable suggestions of the Alumni are analyzed and appropriate actions are taken.
- 5.3.2 How does the institution encourage its students to participate in extracurricular activities including sports and games? Give details on the achievements of students during the last two years.(Institution level /intercollegiate / Inter-University/ Inter-state/ National/ international)
 - Facilities for sports and games are provided, indoor and outdoor, further benefit of the students.
 - Gymnasiums exist in Men's and Ladies Hostel.
 - The details of the achievements of students in sports and games are available.
- 5.3.3 How does the institution involve and encourage 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 previous academic session.
 - Brochures and postures for camps are prepared by students.
 - Some students write articles in magazines.
 - Students actively participate in external competitions related to curricular and co curricular activities such as paper presentation, quiz programs etc;
 - A college magazine was published last year with write ups by students.
 - Posters and wall displays are regularly produced by students.
- 5.3.4 Does the institution have a Students Council or any similar body? Give details on its constitution, major activities and funding.
 - Student representatives are nominated in many committees with faculty and administration.

- Democratic approach is maintained in all student activities.
- There are student representatives who are free to recommend and implement activities related to co- curricular and extracurricular activities.
- Funds are allotted by the college for such activities.

5.3.5 Give details of the various academic and administrative bodies and their activities (academic and administrative), which have student representations on them.

- The college has constituted Academic committee and Internal Quality Assurance Cell with student representatives and clear descriptions of its accountability, autonomy and empowerment.
- The college has constituted committees relevant to Curricular, Co curricular and extracurricular activities with student representations such as transport committee, hostel committee, food committee, canteen committee, clubs and association, camps, sports & cultural committee, welfare committee.
- Activities of committees are monitored by respective Chairman and Principal.
- All the committees have maintained the proceedings and submit their report with necessary recommendation to the chairman.
- The college practices stakeholder-college partnership for excellence in education service and research with student representatives.

5.3.6 Does the institution have a mechanism to seek and use data and feedback from its graduates and from employers, to improve the growth and development of the institution?

- The institution collects programme feedback and competences gain feedback and teaching and evaluation feedback by the alumni.
- The faculties' also give feedback through structured questionnaire for organizational improvements.
- The institution collects feedback from alumni, programme rating, teaching and evaluation, a competency gained the data is analysed and the outcome discussed at meeting of authorities of the college and appropriate decisions and actions are taken.
- The employer's namely professional organizations, hospitals, dental clinics, government, community members, during personal interaction, give their valuable inputs for furtherance of curriculum, teaching, learning and evaluation for enhancing the skills and knowledge appropriate to the growing trend and employability.

5.4 Best Practices in Student Support and Progression

5.4.1 Give details of institutional best practices towards Student Support and Progression.

- Academic model is well defined with Planning, Execution and Evaluation processes in the Department Manuals prepared by every department.
- Students participate in various committees and modulate the institutional functioning for excellence.
- Health insurance and free health care for students.
- ICT facilities in Library and Hostels.
- Personality development sessions, counselling and behavioural studies by faculty, mentors and counsellor.

6 Criterion VI: Governance and Leadership

6.1 Institutional Vision and Leadership

- 6.1.1 State the Vision and Mission statement of the institution and give details on how the institution:
 - a) Ensures that the vision and mission of the institution is in tune with the objectives of the Higher Education policies of the Nation.

Vision:

"To be an outstanding Dental &Research Institute of International repute for producing dental professionals with skills, knowledge and values"

Mission:

- Promote sustainable development of Dental and allied Health Education consistent with statutory and regulatory requirements.
- Plan and continuously provide excellent infrastructure, learning resources required for quality education and innovations.
- Stimulate, to extend the frontiers of knowledge, through Faculty Development and Continuing Education Programs.
- Impart awareness on Dental Science and Oral Health to the society with special reference to Educational institutions.
- Make research a significant activity involving Staff, Students and Society.
- Promote collaborations with Regional, National and International institutions.
- Establish healthy and regular interactions with all stakeholders for vision oriented growth.
- Fulfil the National Obligation through participation and contribution to National Health Programs.
- Provide regular value based education to the students.
- Vision & Mission displayed at prominent locations in campus.

Goals and Objectives

The objectives are to realize the following:

- To effectively implement programs through creativity and innovation in teaching, learning and evaluation.
- To adopt ICT in Teaching, Learning, Evaluation and Administration.
- To impart spirit of inquiry and scientific temper through research, seminars and workshops.
- To enhance reading and learning capabilities among faculty and students and inculcate a sense of Life Long Learning.
- To promulgate process for effective, continuous and objective oriented student performance evaluation.
- To ordinate periodic performance evaluation of the faculty.
- To incorporate themes to build values, civic responsibilities and sense of National Integrity.
- To strengthen, develop and implement staff & students' welfare programs.
- To adopt and implement principles of participation, transparency and accountability in governance of academic and administrative activities.
- To constantly display sensitivity and respond to changing educational, social and community demands
- The college has drawn a clear perspective plan for future development and to maintain competitive edge in quality and system.

b) Translates its vision statement into its activities.

- The College has taken measures to translate the vision statement into action by activities like decentralization, participative discussions, and empowering learners for excellence, quality enhancement etc, and implementation of ICT in teaching, learning, evaluation and administration.
- Feed backs are collected from state holders and used to adopt or _____ quality parameters.
- Actions adopted to inculcate values among students.
- Introduction of certificate and diploma course for valued edition.

6.1.2 Enumerate the Management's commitment, leadership-role and involvement for effective and efficient transaction of the teaching –learning processes.

- The Chairman being a professional in Dental Science with wide International experts, is regular presence in the college promotes positive decisions then and there.
- The organization structure has perfect decentralization and supervision and monitoring by Chairman.
- The leadership functions of the officers of the college, head of the institution and heads of the department are well documented.

• Functions and powers of the officers and different authorities are well documented.

6.1.3 How does the management and the Head of the institution ensure that responsibilities are defined and communicated to the staff of the institution?

- During the appointment all the staffs are appraised of their Roles and Responsibilities.
- A brief on the organization and Administrative disciplines are advised.
- An orientation is given.
- An appointment order is issued detailing the Roles and Responsibilities.
- Revised Roles and Responsibilities are issued, whenever the position is changed or promoted.

6.1.4 How does the Management/ Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the management, to review the activities of the institution?

- Chairman, Principal and Administrator discuss academic and administrative matters individually and collectively and resolve issues.
- Formal meetings of faculty arranged by the principal minimum once in a month where monthly activities are appraised and reviewed.
- Suggestion for improvements are called for and decisions are taken and implemented.
- Regular meetings are arranged in the department with HOD and faculty and detailed discussions are health on varied day to day issues.
- HOD meetings are arranged by Principal, the activities of concerned departments are reported.
- Principal is an invitee of the management committee, where activities of the college are briefed.
- Chairman being a professional discuss matters the staff, Principal regularly.

6.1.5 How does the management encourage and support involvement of the staff for improvement of the effectiveness and efficiency of the institutional processes?

- Encourage the faculty by nominating them to different committees, giving accountability, empowerment and autonomy.
- Recognizing the good performing staff by felicitation by the management.
- Suggestion of the faculty and staff are taken care of by the management.

6.1.6 Describe the leadership role of the Head of the institution, in governance and management of the institution.

- The Head of The Institution is both academic and administrative head of the institution.
- He is accountable for achieving excellence in the college in all the parameters of the predefined vision and mission components.
- He is proportionally empowered and has autonomy to achieve the objectives.
- He is also chairman of IQAC, planed, guides and motivates all other staff to achieve continuous performance improvement.

6.2 Organizational Arrangements

- 6.2.1 Give the organizational structure and details of the academic and administrative bodies of the institution. Give details of the meetings held, and the decisions taken by these bodies, regarding finance, infrastructure, faculty recruitment, performance evaluation of teaching and non-teaching staff, research and extension activities, linkages and examinations held during the last two years.
 - Organizational structure of Administration and Academics attached.
 - Number of committees is constituted for planning and managing of institutional activities.
 - The minutes of all meetings are circulated and discuss for follow up action in the next meeting.
 - Item wise discussions are made and appropriate actions are taken.

6.2.2 To what extent is the administration decentralized? How does the institution collaborate with different sections/ departments and personnel of the institution to improve the quality of its educational provisions?

- The administration is fully decentralized.
- Constant interactions and meetings with different sections and departments identify problems, if any.
- Prompt and effective measures are taken to improve the quality of functioning in each and every department.
- Full freedom is given to HODs in academic matters.
- Chairman is available in the office regularly and discussions are held with Head of the Institution, Head of Departments, Administration and problems are resolved.

6.2.3 Does the institution have effective internal coordination and monitoring mechanisms? If yes, specify.

- The Principal is the administrative, academic head of the institution and also Chairman of most of the committees.
- The Principal along with other committee members, Assistant Directors and Heads of Departments reviews the functioning of each department and other constituents periodically.
- The meeting schedules of the different authorities of the college are well planned and executed.
- Chairman is available in the college so that discussions and incidents are easy and speedy.
- Administrator is a member of all the important meetings, this will effectively co-ordinate the academic and administrative issues and solutions will be taken soon.

6.2.4 Does the institution have a Grievance Redressal Cell for its employees? If yes, what are its functions? List the number of grievances redressed during the last two years.

- A grievance redressal system is established to improve the quality of services to all stake holders, especially the students.
- The grievance redressal system functions under academic committee, to address the complaints of students, faculty and staff.
- Grievances are identified by the feedbacks obtained from the stakeholders and the complaints received.
- No major grievance is ever reported to the committee so far.
- In the case of grievance related to University examinations the regulatory norms are followed.
- Complaints regarding internal examinations are discussed and resolved in a committee with Chairman, Principal and Asst. Directors are members.

6.2.5 How many times does the management meet the staff in an academic year? What are the major issues discussed during the last meeting?

- The management and staff meetings are very frequent and a daily meeting is conducted with the senior staff, meetings will be chaired by Chairman, if available.
- A total number of 28 major meetings were held during last year.
- An annual planner is maintained to cover all the major meetings in a year.

The key issues discussed are:

- Strengthen the ICT enabled services at all the components of the organizations.
- Strengthen the faculty development activities.
- Strengthen non teaching staff skill up gradation.
- Allocation of funds.
- Improve the existing student support facilities.
- Innovative comprehensive professional personality development sessions for the students.

6.2.6 Is there a Cell to prevent sexual harassment of women staff? How effective is the functioning of the Cell?

- Anti Ragging Committee regularly organizes awareness program on the legal implications of ragging, rules and punishments including the relevant acts are highlighted through posters and lecturers by police officials.
- Sexual harassment against women are also dealt with during such programs.
- So far no harassment of women was reported.

6.2.7 Does the teaching hospital define and display the services that it can provide, i.e.

a. The services being provided are clearly defined

• All the departments clearly define services provided in the clinic and have printed patient information which provides the comprehensive details of the services provided by each department.

b. Services defined are prominently displayed

 Services are appropriately displayed and proper leaf lets are distributed.

c. Staff is oriented to these services

• All the concerned staff and receptionist of different sections are appropriately oriented for such list of services provided.

6.3 Strategy Development and Deployment

6.3.1 Describe the procedure of developing the perspective institutional plan. How are the Teachers, Students and Administrators involved in the planning process?

• The Teachers, Students and Administrators involved as members to various committees submit their inputs.

- Opportunities are identified and challenges are converted to opportunities to make the best use of them.
- Departmental academic plans are prepared involving teaching staff; calendar of events for the year is drawn in consonance with the institution meeting affiliating university and statutory requirements.

6.3.2 How are the objectives communicated and developed to all levels, to ensure individual employee's contribution for the institutional development?

- The objectives of the College is communicated to all levels through prospectus, brochures, meetings and class rooms.
- Suggestions are collected in meetings, open fora, and suggestion in suggestion box, Alumni also propose suggestions in Alumni meetings formally and informally through ICT.
- The faculty and other staff with exemplary performance is felicitated by the management.
- Feedbacks also give amble ideas for improvement, positive suggestions are implemented through action programs.
- 6.3.3 List the different committees constituted for the management of different institutional activities? Give details of the meetings held and the decisions taken, regarding academic management, finance, infrastructure, faculty, research, extension and linkages, and examinations held during the last two years.
 - Different committees are constituted by the institution for management of institutional activities.
 - The details and minutes of meetings held concerning Academic, Finance, Infrastructure, Research, extension activities and examinations held are available in Academic and Administration Departments.

6.3.4 Has the institution an MIS in place, to select, collect, align and integrate data and information on the academic and administrative aspects of the institution?

- The college MIS is in place, to select, collect, align and integrate data and information on the academic and administrative aspects of the institution.
- The college has a comprehensive system with all the constituent Academic and Administration processes appropriately linked through the organizational structure.

6.3.5 Does the institution use the various data and information obtained from the feedback, in decision-making and performance improvement? If yes, give details.

- A scientifically validated method analyses the data and the outcome of such data is valuable input for review meetings and decision making and fact based decision making is the policy of the institution.
- Preventive and corrective actions are taken from the method followed.
- Improvements in canteen, multi gym, better amenities in hostel, vehicles for transportation of staff, students and patients etc; are implemented.

6.3.6 What are the institution's initiatives for promoting co-operation, sharing of knowledge, innovations and empowerment of the faculty? (Skill sharing across departments, creating/providing conducive environment, etc.)

- Institution has a policy that encourages skill sharing across the departments, providing conducive environment for mutual academic growth, common staff room is an area of discussion, decision formation and cooperation, inter departmental conferences.
- Multidisciplinary approach and environment for mutual academic growth through scientific and academic deliberations, such as inter departmental conferences.

6.4 Human Resource Management

- 6.4.1 What are the mechanisms for performance assessment (teaching, research, service) of faculty and staff? (Self-appraisal method, comprehensive evaluation by students and peers). Does the institution uses the evaluations to improve teaching/ research of the faculty and service of the faculty by other staff? If yes, how?
 - All the staff both teaching and non teaching are evaluated annually by the committee headed by the Chairman.
 - Continuous evaluation process is the basis of annual evaluation.
 - Confidential report is prepared by HR department in coordination with Administration and management takes appropriate action for negative points and incentives are given for positive points.
 - Self appraisal, student feedbacks on the academic performance of teachers, research is evaluated on the basis of project, funds, publications, seminar performance etc;.
 - In addition to increments and promotions, permanency of the staffs is appropriately rewarded for good performance and conduct.

6.4.2 What are the welfare measures for the staff and faculty? (mention only those which affect and improve staff well-being, satisfaction and motivation)

Welfare Measures

- Recommended by the concerned authority on a case by case basis to staff and Faculty.
- Family members of Staff and Faculty.
- Canteen services at reduced prices.
- Transport at concessional rate.
- Stay in quarters at reduced or rent free.
- Multi gym for staff, free transportation for guests, visiting Faculty.
- Advance salary on special occasions.
- 6.4.3 What are the strategies and implementation plans of the institution to recruit and retain faculty and other staff who have the desired qualifications, knowledge and skills?
 - Appropriate time bound promotions are given, salary hike on the basis of Confidential Report assessment.
 - The fact that majority of the senior faculty are available since the inception of the college is testimony for the healthy recruitment and retention policies.
- 6.4.4 What are the criteria for employing part-time/adhoc faculty? How are the recruitment conditions of part-time /adhoc faculty different from that of the regular faculty? (Eg. Salary structure, workload, specializations)
 - Statutory and Regulatory requirements are fully complied during such employments.
- 6.4.5 What are the policies, resources and practices of the institution that support and ensure the professional development of the faculty? (Eg. Budget allocation for staff development, sponsoring for advanced study, research, participation in seminars, conferences, workshops, etc. and supporting membership and active involvement in local, state, national and international professional associations).
 - The policies, resources and practices of the institution support and ensure the professional development of the faculty and Faculty development programs are conducted.
 - Budget allocation, as and when required, for staff development, sponsoring for advanced study research, participation in seminars,

- conferences, workshops, etc. and supporting membership and active involvement in local, state, national and international professional associations are the areas of support by the institution.
- A total of 21 Faculty Development programs were availed during last five years.
- 6.4.6 How do you assess the needs of the faculty development? Has the institution conducted any staff development programs for skill upgradation and training of the staff? If yes, give details.
 - The details of various staff development programs are furnished in Profile of the Departments and Evaluative Report of the Departments.
 - The institution provides sufficient funds for the above activities at National and International levels.
- 6.4.7 What are the facilities provided to faculty? (Well-maintained and functional office, infrastructure and other space to carry out their work effectively etc.)
 - The faculty needs are periodically assessed by academic committee and HR department.
 - Based on the above assessment, appropriate actions are taken depending on the genuineness.
 - The faculties also submit self performance appraisals form and the outcome is analyzed and individual faculty development needs are identified.
 - Faculty development programs and other seminars, workshops etc; are advised and implemented, Details with departments.
- 6.5 Financial Management and Resource Mobilization
- 6.5.1 Does the institution get financial support from the Government? If yes, mention the grants received in the last three years under different heads. If no, give details of the sources of revenue and income generated during the last three years.
 - College provides self-financing programs and is not availing any other source of funds from government or any other.
 - A grant of Rs. 40 lakhs awarded by Department of Bio Technology, Government of India, funds allotted for research by College on Case by Case Basis.
- 6.5.2 What is the quantum of resources mobilized through donations? Give information for the last two years.

- No donations accepted as a policy.
- Funds from trustees and fees are the resources in addition to Bank loans.

6.5.3 Is there adequate budget to cover the day-to-day expenses? If no, how is the deficit met?

• Budget is provided to meet the day to day expenses and there is no deficit budget.

6.5.4 What are the budgetary resources to fulfil the institution's mission and offer quality programs? (Budget allocations over the past two years (provide income expenditure statements)

Budget allocation:

-	2012-2013 (Balance Sheet)	2013-2014 (Budget
	Rs.	Estimate) Rs.
A. Land	Procured at the time	e of establishment
B. Building	3,92,54,055.00	4,50,00,000.00
C. Furniture	2,90,734.00	4,50,000.00
D. Equipment	50,80,555.00	1,50,00,000.00
E. Computers	2,97,534.00	5,20,000.00
F. Vehicles	4,65,797.00	16,00,000.00

Expenditure	2011-2012	2012-2013
% spent on the salary of faculty	46.42	44.12
% spent on books and journals	4.19	3.33
% spent on the salary of non teaching employees	12	10
including estate workers		
% spent on building developmental assistance	12.46	8.88
% spent on maintenance, electricity, water, sports,	3.75	4.75
examinations, hostels, student amenities, etc.		
% spent on academic activities of departments,	12.01	11.87
laboratories, green house, animal house, etc.		
% spent on equipment, research, teaching aids,	9.17	19.05
seminars, contingency etc.		

6.5.5 Are the accounts audited regularly? If yes, give the details of internal and external audit procedures and the audit reports for last two years.

- The accounts are audited regularly by competent external auditors and are presented before the management.
- No major audit observation is pending to be ratified.
- The copy of audited Balance Sheet for last two fiscal years is attached.

6.5.6 Has the institution computerized its finance management systems? If yes, give details.

- The college has computerized all critical processes including the Finance Management System.
- The Finance Management System is computerized with appropriate licensed software and employees concerned are well trained.

6.6 Best Practices in Governance and Leadership

6.6.1 What are the significant best practices in Governance and Leadership carried out by the institution?

- Rules and Responsibilities of Teaching and Non- teaching staff are well defined and monitored periodically.
- The UG and PG Assistant Directors periodically assess the performance of Teaching and Non -teaching staff.
- Academic Committee and HODs meet faculties frequently to discuss innovative practices in Academics.
- Management reviews the system performances periodically.
- Decentralization, participative discussion, and open organization climate are the policy and are well practiced with the objective of continuous improvement in all the process.
- Financial needs are constantly identified and funds provided.

7 Criterion VII :Innovative Practices

7.1 Internal Quality Assurance System

7.1.1 What mechanisms have been developed by the institution for quality assurance within the existing academic and administrative systems?

- UG & PG Assistant Directors constantly monitor and review academic processes introducing continuous improvements.
- IQAC is constituted with appropriate number of members to maintain, continuous improvement in identified key areas that affect the quality.
- The members of these committees comprise of varied stakeholders including teachers and community.
- The entire administrative critical processes are ICT enabled.
- The role of students is to participate in decision making of critical processes such as improving the curriculum, teaching learning process,

infrastructure, learning resources Governance, Student Support Services (SSS), Research Consultancy and Extension and Innovative practices by providing feedbacks.

7.1.2 What are the functions carried out by the above mechanisms in the quality enhancement of the institution?

- Development and application of quality Benchmarks/ parameters, for the various academic and administrative activities of the Institution.
- Dissemination of information on the various quality parameters of higher education.
- Organization of workshops seminars on quality related themes and promotion of quality circles.
- Documentation of the various programs/activities leading to quality Improvement.
- Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.

7.1.3 What role is played by students in assuring quality of education imparted by the institution?

- Student-institution partnership for excellence in quality of education is meticulously practiced.
- Students are nominated to varied committees of curricular, cocurricular activities.
- All the stake holders of the college have appropriate participation in the quality enhancement of the college.

7.1.4 What initiatives have been taken up by the institution to promote best practices in the institution? How does the institution ensure that the Best Practices have been internalized?

- The students participate through varied feedbacks give inputs on course, competencies, program improvements and improvement in teacher quality and the learning resources.
- The best practices are made internalized by continuous monitoring of the performance of students and constant awareness to make best practices a way of life.
- The students Quality Enhancement is distinctly visible in continuous improvement of student's satisfaction index regarding the entire college system.

• Student's empowerment for quality enhancement in Educational System has added value in bringing out quality graduates.

7.1.5 Which way has the institution added value to the quality enhancement of students in?

- Active student participation in Curricular, Co-curricular and Extracurricular activities.
- Student's council constituted and made active.
- Students sectored teaching learning and practice.
- Close assessment of students by faculty, Mentors and batch co ordinates for continuous improvement.
- Personal counselling and understanding and advising students and parents on emotional and other behavioural aspects.
- Personality development based on observations during seminars and presentations.
- Pro active efforts for cultural and sports events.
- State of the art ICT enabled learning system.
- Student research projects are encouraged and motivated on research ideas.
- College provides all infrastructure and materials for student projects.
- Good number of awards for academic achievement are initiated.
- Parents interaction and meet.
- Health care and management facilities.
- User friendly library working hours and facilities.
- Propose Library user award in future.
- Under performers mid diagnosis survey and remedial drill.
- Continuous performance assessment for UGs and log book for PG.
- Subsidized canteen.
- Enrichment course in computer skills and use of ICT facilities.
- Community integration of curriculum.
- Serene and Scenic environment for campus life.
- Dental camps and extensional activities.
- Frequent motivating talks by eminent academicians and honouring of personalities with extra ordinary achievements in academics and other fields.

7.1.6 Has the institution or hospital been accredited by any other national/international body?

- Institution is certified to ISO 9001-2000 international standard.
- Future plan includes NABH Certification for the hospital.

7.2 Inclusive practices

7.2.1 What practices have been taken up by the institution to provide access to students from the following sections of the society?

- a) Socially-backward
- b) Economically-weaker and
- c)Differently-abled
- The college provides access to varied learners based on existing regulatory norms and free ships and concessions are offered.
- The socially and economically backward sections are eligible to appear for Entrance Test at lesser percentage of marks at entry level.
- The students admitted in the UG course during current academic year exceeds the limits specified by the regulatory authorities in the case of OBC and OEC Categories.
 - b. What efforts have been made by the institution to recruit 1) Staff from the disadvantaged communities? Specify?
 - a) Teaching
 - b) Non-teaching
- Teaching: Out of 109faculty56 are female and disadvantaged Community classification is not done in the case of teaching staff.
- In the case of Non Teaching staff sufficient representation is ensured from disadvantaged communities and male female ratio is 1: 2.16.

7.2.2 What special efforts are made to achieve gender balance amongst students and staff?

- The college has maintained appropriate gender balance; of the 109 faculty 56 are females.
- The male female ratio of UG students is 1: 3, where female representation is more.

7.2.3 Has the institution done a gender audit and / or any gender-related sensitizing courses for the staff/ students? Give details.

- Gender wise analysis indicates that the Dental UG program is more attracted by females than males (1:3 ratio) and infrastructural facilities are enhanced accordingly.
- The goals and objectives, the vision and mission have lead to imparting of professional courses being conducted, without any gender discrimination.
- Propose to analyse and review the need for introducing gender related sensitizing courses in future.

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

- The knowledge and skills at the entry level after the admission programme is assessed and appropriate bridge courses are designed and delivered.
- There is a mechanism to identify the student category wise including rural and tribal, though there are no students from tribal area while more than 50% are from rural areas.
- The academic growth of the students in these categories is monitored by well set mechanism and found to be at par with the main stream.

7.2.5 Does the institution have a mechanism to record the incremental academic growth of the students admitted from the disadvantaged sections?

- The college has established mechanism for monitoring the academic progress of disadvantaged students.
- The record of Academic growth of the disadvantage sections along with other categories are maintained in Academic and Administration departments

7.2.6 What initiatives have been taken by the institution to promote socialjustice and good citizenship amongst its students and staff? How have such initiatives reached out to the community?

- The initiatives of the institution to develop the citizenship role are servicing the community for oral health care.
- Participating in National integration, national festivals, blood donation, environmental protection, Cancer awareness, human rights and donating during National disasters.

7.3 Stakeholder relationships

7.3.1 How does the institution involve all its stakeholders in planning, implementation and evaluation of the academic programs?

- The management with representations from varied sector of community, the faculties and the both boys, girls, UG, and PGs are involved in planning and implementation of various extracurricular and co-curricular activities.
- The entire system, academic programs in particular are evaluated by students, parents, alumni, employers, patients through feedback processes.
- The data is analysed and the output of analyses is reviewed and appropriate actions initiated by the concerned.
- The organization structure incorporates decentralization, open organizational climate and participative decision.

- The students, faculties, local community representatives and management are nominated to varied committees of the organization.
- Alumni and professional societies, regulatory agencies, affiliating university and parents and patients express their participation through feedbacks.

7.3.2 How does the institution develop new programs to create an overall climate conducive to learning?

- The Academic Committee reviews the curriculum on continuous basis with respect to advances in technology and services.
- The deficiencies identified in the curriculum are converted to enrichment programs and if need be, a curriculum is floated to meet the learner needs.
- Examples are Certificate and Diploma Courses in collaboration with a European University, proposed Post Graduate Diploma Course in Dental Faculties, Ceramic Technicians course, CAD CAM Technology course, Microscopic Surgery.

7.3.3 What are the key factors that attract students and stakeholders, to the institution and result in stakeholder satisfaction?

- Need based curricula with diversity and flexibility, programs well approved by regulatory norms such as DCI and affiliating Universities.
- International linkage for Laser Dentistry Diploma and certificate courses.
- Excellent teacher quality, Innovative teaching learning processes with varied learning experiences, state of the art infrastructure, good student support facilities and progression, including hostels, ICT enabled self directed leaning systems and library facilities, student participation in Quality Circles, well placed alumni and satisfied parents and geographical location of the institute which provide conducive Academic environment.

7.3.4 How does the institution elicit the cooperation from all stakeholders to ensure overall development of the students, considering the curricular and co-curricular activities, research, community orientation and the personal/spiritual development of the students?

- The college maintains effective linkages and collaborations with local hospitals, diagnostic laboratories, and community for curricular, co curricular and community oriented activities and research.
- Personality development sessions are held for spiritual and personal development of students.

• All the stakeholders are constantly apprised of developmental activities and concerns are exchanged.

7.3.5 How do you anticipate public concerns in your current and future programme offerings and operations?

- The college anticipates the public concerns with current and future programme offerings and operations through varied interactions with the stake holders.
- The college reviews, contemporary global programs of similar systems, Stakeholders demand of latest knowledge, skills and advances in dental specialty services, to make the programs.
- Such review is done usually once in 3 years, starting of Diploma and Certificate courses in Laser Dentistry, Dental Implantology in collaboration with a European University and other courses planned such as Microscopic Surgery etc; under an Advanced Learning Department are examples.
- The need analyses of the public concerns through varied interactions and feedback, the basic, general, advanced dental education, oral health care services and research are initiated.
- The patients demand for advanced oral health care education and services has lead to provide post graduate programs in all Dental specialities.
- Future program offerings are based on identifying newer opportunities and maintaining the competitive edge in the existing programs at par with the practiced standards elsewhere.
- The present and future prospective plan also incorporates the public concerns.

7.3.6 How does the institution promote social responsibilities and citizenship roles among the students? Does it have any exclusive programme for the same?

- The students participate in all the national festivals, and national health and rehabilitation programs.
- The college being member of Dental Society, has initiated various community development programs to promote social responsibilities among students.
- College is a member of Natures Green Guardians Foundation a NGO dedicated to cause of saving mother earth.
- The students are made well aware of their social and professional accountability through varied activities.

7.3.7 What are the institutional efforts to bring in community-orientation in its activities?

• The college through curriculum has maintained community orientation, ICT integration by conducting health camps extension activities, and computer skill up gradation, service, and community oriented research.

7.3.8 a) How does your institution actively support and strengthen the neighbourhood communities?

How do you identify community needs and determinate areas of emphasis for organizational involvement and support?

- Institution actively support and strengthen the neighbourhood communities by providing need based programs to learners, services to patients and research based on community needs and the college has identified areas of research, services and has started satellite clinics.
- The college has drawn a perspective plan to serve areas of interest for organizational participation and support managed by the Public Relations Officer.
- The college through dental camps provide overall health care services and awareness
- The college selects rural areas for providing intensive community skills among the learners and linkage with reputed hospitals in the locality.
- The college has linkage with research organization and laboratories
- The college maintains international students exchange programme

b) How do the faculty and students contribute in these activities?

The student and faculties participate in extension activities through their professional knowledge and skills to serve and educate the community, and by participating in extension activity.

7.3.9 Describe how your institution determines student satisfaction, relative to academic benchmarks? Do you update approach in view of the current and future educational needs and challenges?

- The institution has a mechanism for analysing student feedback on institutional performance, to arrive at Student Satisfaction Index.
- Individual, departmental, institutional performance is assessed to arrive at all stake holders satisfaction index for continuous improvement.
- The college collects feedback from students on academic bench marks analyses and the outcomes are used to modify and meet the future educational needs and challenges.
- Current trends and future challenges are identified and actions taken. Eg; Development of an Advanced Learning Centre,

7.3.10 How do you build relationships?

> To attract and retain students

- The college attracts and retains the students by introducing innovative programs in emerging areas and implementing with creative learning opportunities and making the system customer centred viz; student centred learning, patient centred service, and community oriented research.
 - > To enhance students performance and to meet their expectations of learning
- A comprehensive strategy incorporates, mentorship, personal counselling, parents meet, underperformer identification, remedial drill, continuous performance assessment, self-directed learning facilities, ICT facilities, innovative methods of teaching, excellent student support facilities, good campus life and the students participation and many more efforts enhance students' performance
 - ➤ What is your complaint management process? How do you ensure that these complaints are resolved promptly and effectively? How are complaints aggregated and analysed for use in the improvement of the organization, and for better stakeholder-relationship and satisfaction?
- The College has clear complaint management process.
- The complaints are resolved promptly and effectively.
- Complaints are received through Suggestion Boxes, Survey and Feedback forms and are analysed and resolved to the satisfaction of the stake holder.
- There is considerable reduction in the complaints received.

C. Evaluative Report of the Departments

Department of Oral Medicine and Radiology

1. Faculty profile- adequacy and competency of faculty

Sl	Name	Age	Service	Qualification	Publicati	On
no				-	on	going
						Resea
						rch
						projec
						ts
1	Dr. Vivek V	47	5 yrs service in	MDS	25	3
			army	1. MOBC (Medical officers basic		
			1 yr worked as	course)- Officers Training		
			assistant dental	School:Army MedicalCorps Centre And		
			surgeon in govt.	School, Lucknow.		
			health service	Feb-Mar1992		
			12 yrs	2. Surgical experience in CO2 &		
			experience as	ND:YAG laser for the treatment of oral		
			teaching faculty	precancerous lesions and salivary		
			3 years	stones- Sree chitra institute of		
			experience as PG	medical science and technology.		
			guide	Trivandrum.		
				3. 50 hour advanced training		
				programme in surgical implantology		
				and		
				implant prosthodontics. IAID center		
				Chennai July 30 th –Aug 3 rd 2005		
				4. Internal auditor training on quality		
				management systems based		
				on		
				ISO9001:2000 & ISO19011:2002 .By		
				American Quality		
				Assessors (India)		
				Pvt.Ltd. at Trivandrum 30-31 Jan 2008.		
2	Dr. Sunila	40	10 yrs	MDS	9	3
	Thomas		experience as			
			teachingfaculty			
			3 years			
			experience as PG			
			guide			
3	Dr. Vineet	34	5 years	MDS, Diploma in laser dentistry	9	3
	DA		experience as			
			teaching faculty			
4	Dr. Jincy	32	4 years	MDS	9	3

	Thomas		experience as teaching faculty			
			teaching faculty			
1						
5	Dr. Rani	34	3 years	MDS, part time PhD	15	4
5	Dr. Rani Mol P	34	3 years experience as	MDS, part time PhD	15	4

Student profile- entry level competencies, socio-economic status, language proficiency

2. Changes made in the courses or programs during past two years and the contribution of the faculty to those changes

MDS Syllabus modified in 2010

- 3. Trends in the success and dropout rates of students during the past two years
- 4. Learning resources of the departments-library, computers, laboratories and other resources

Books in department library- 73

Books in central library- 260

Journals in central library- 27

No. of dept computers- 2

No. of computers of pg students- 9

No of computers of faculty-3

Special Equipments-Digital IOPA (using both CMOS sensor and Phosphor storage plates) and Digital Panoramic Radiographic Machines with printer facility.

5. Modern teaching methods practiced and use of ICT in teaching-learning

Modes of teaching used- Lectures, Seminars, Chair side discussions, Group Discussions, Power point Presentations, Assignments, OHP Presentations, Peer teaching, Designed Clinical Skill Enhancement Programmes, Interdisciplinary Case discussions

6. Participation of teachers in academic and personal counseling of students

Batch coordinators allotted for individual batch of students for personal counseling of students, Professional counseling by reference and own counsellor of the college

7. Details of faculty development programs and teachers who have been benefited during the past two years

Name	Conferences	As Faculty	Seminars	CDE	Training programme	Camps
		Speaker				

Dr. Vivek V	4	2	1	3	1	1
Dr. Sunila Thomas	2		1	1		
Dr. Jincy Thomas	2		1	1		
Dr. Rani Mol P	2		1	1		

8. Participation/contribution of teachers to the academic activities including teaching consultancy and research

Name	Teaching	Clinical & Radiology case	Camps	Consultancy	Research
		management			
Dr. Vivek V	V		V	√	
Dr. Sunila					$\sqrt{}$
Thomas					
Dr. Vineet DA	$\sqrt{}$				$\sqrt{}$
Dr. Jincy Thomas	V	$\sqrt{}$			$\sqrt{}$
Dr. Rani Mol P	$\sqrt{}$				$\sqrt{}$

9. Collaboration with other departments/institutions, at the state, national and international levels and their outcome during past two years

Academic Programs	Departments Involved
Triple O	Oral medicine, Oral surgery and Oral pathology
Biomedical Research	Oral Medicine, Oral Surgery, Conservative Dentistry.

10. Priority areas for research and details of the on-going projects, important and noteworthy publications of the faculty, during past two years

SELF FUNDED ONGOING PROJECTS OF FACULTY

A, Influence of variations in vertical angulation of the object in root canal working length determination and comparison using suni (cmos)digital system, storage phosphor plates and conventional film- an invitro study- **Dr. Vivek V,Dr. Sunila Thomas,Dr. Vineet DA,Dr. Jincy**

Thomas, Dr. Rani Mol P

B, Frequency of oral soft tissue, hard tissue and intraosseous lesions in geriatric patients and their association with systemic diseases and deleterious habits-**Dr. Vivek V,Dr. Sunila Thomas,Dr.**

Vineet DA,Dr. Jincy Thomas,Dr. Rani Mol P

C, Comparative study of carotid artery calcifications among smokers and non-smokers using panoramic dental radiographs-**Dr. Vivek V,Dr. Sunila Thomas,Dr. Vineet DA,Dr. Jincy**

Thomas, Dr. Rani Mol P

PUBLICATIONS OF LAST TWO YEARS

Name	International	National	Regional
Dr. Vivek V		3	1
Dr. Sunila Thomas		3	2
Dr. Vineet DA		5	3
Dr. Jincy Thomas		3	1
Dr. Rani Mol P		3	1

11. Placement record of the past students and the contribution of the department to aid student placements

UG Students Who Attained Merit PG Seats in Different Colleges

List of Students	Name of college
Kaleel Ahmed	Govt Dental College, TVM
Ambili	Govt Dental College, Kottayam
Angel Mary	Pushpagiri Dental College
Vivek Chand	Govt Dental College, TVM
Prem Pillai	Govt Dental College, TVM
Sandhya	Manipal, KMC
Manjari	SDM, Dharwad
Renjith Raj	RV dental college
Reshma	RV dental college
Rakesh	Krishna devaraja Dental college
Dhanya Krishnan	Bangalore
Reshmi	PMS Dental College
Mathews	PMS Dental College
Deepak	PMS Dental College
Shabna	PMS Dental College
Haby Mathew	PMS Dental College
Satheesh	Govt Dental College, Assam
Afsal	Sri Sankara Dental College

Madhu	Belgaum
Giri Sankar	SDM, Dharwad
Dhanya CP	
Mahesh G Pillai	Manipal, KMC
Aathira Hari	Azeezia Dental College

12. Plan of action of the department for the next five years

Designed Clinical Skill Enhancement Programme for Interns- to be implemented. Tobacco clinic, Pain clinic and Temperomandibular joint disorders clinic isimplemented in the department. Multidisciplinary actions for treatment is planned.

Department of Oral and Maxillo Facial Surgery

Sl.	Name	Age	Service	Qualification	Public	Ongoing
No.					ation	research
						projects
1	Dr Surej Kumar L.K	42	7yr service in Rajas dental college as a reader. 7yrs experience as HOD/ Prof. in PMS Dental College. Total of 14yrs teaching experience 10yrs as PG guide	MDS	14	
2	Suvy Manuel	39	Attained teaching experience of 8ys. 3yrs experience as PG guide	MDS Dip.NB, MosRCS Mfds	19	
3	Dr.Rakesh Koshy Zachariah	42	7yrs teaching experience. 4yrs in Rajas Dental College 4 yrs experience as PG guide	MDS	6	
4	Dr.Nikhil Mathew Kurien	39	6yrs of teaching experience as a faculty	MDS	6	

5	Dr.SherinA	32	3yrs teaching	MDS	7	
	Khalam		Experience			

- 2. Student Profile entry level competencies, socio- economic status, language proficiency
- 3. Changes made in the courses or programs during past two years and the contribution of the faculty to those changes
 MDS Syllabus modified in 2010
- 4. Trends in the success and dropout rates of students during the past two years

5. Learning resources of the departments-library, computers, laboratories and other resources

Books in department library- 84

Books in central library-242

No. of dept computers-1

5. Modern teaching methods practiced and use of ICT in teaching-learning

Modes of teaching used- Lectures, Seminars, Chair side discussions, Group discussions, Power point presentations, Assignments, OHP presentations, Peer teaching, Designed Clinical Skill, Enhancement Programs, Interdisciplinary Case discussions. Clinicopathologic conference on a specialty case conducted by the dept. of oral surgery, oral pathology and oral medicine(triple O)

7. Participation of teachers in academic and personal counselling of students

Batch coordinators allotted for individual batch of students for personal counseling of students, Professional counselling by reference and own counsellor of the college.

8.Details of faculty development programs and teachers who have been benefited during the past two years

Sl.	Name	Conferences	As faculty	Semin	CDE	Training
No.			speaker	ars	program	program
1	Dr Surej Kumar L.K	5	2		5	
2	Suvy Manuel	10	5			
3	Dr.Rakesh Koshy Zachariah	3			4	
4	Dr.Nikhil Mathew Kurien	3			6	1
5	Dr.SherinA Khalam	8	1		8	1

9. Participation/contribution of teachers to the academic activities including teaching consultancy and research

Name	Teaching	Consultancy	Research
Dr Surej Kumar L.K	X	V	$\sqrt{}$
Dr. Suvy Manuel	X	$\sqrt{}$	$\sqrt{}$
Dr.Rakesh Koshy Zachariah	X	V	$\sqrt{}$
Dr.Nikhil Mathew Kurien	X	V	$\sqrt{}$
Dr.SherinA Khalam	X	V	

10. Collaboration with other departments/institutions, at the state, national and international levels and their outcome during past two year

Academic Programs	Departments involved
Triple O	Oral medicine, Oral surgery & Oral pathology
Biomedical Research	Oral Medicine, Oral surgery, Conservative Dentistry

11. Priority areas for research and details of the on-going projects, important and noteworthy publications of the faculty, during past two years

SELF FUNDED ONGOING PROJECTS OF PGs

Sl. No.	Name	International	National
1	Dr . Ajith		1
2	Dr. Sherin		1
3	Dr. Shiad		1
4	Dr. Mathew		1
5	Dr. Varun		1
6	Dr. Parvathi		1
7	Dr. Kannan		1
8	Dr. Sudheena		1
9	Dr. Sumesh		1

12.Placement record of the past students and the contribution of the department to aid student placements

UG Students Who Attained Merit PG Seats In Different Colleges

List of Students	Name of college
Kaleel Ahmed	Govt Dental College, TVM
Ambili	Govt Dental College, Kottayam
Angel Mary	Pushpagiri Dental College
Vivek Chand	Govt Dental College, TVM
Prem Pillai	Govt Dental College, TVM
Sandhya	Manipal, KMC
Manjari	SDM, Dharwad
Renjith Raj	RV dental college
Reshma	RV dental college
Rakesh	Krishna devaraja Dental college
Dhanya Krishnan	Bangalore

Reshmi	PMS Dental College
Mathews	PMS Dental College
Deepak	PMS Dental College
Shabna	PMS Dental College
Haby Mathew	PMS Dental College
Satheesh	Govt Dental College, Assam
Afsal	Sri Sankara Dental College
Madhu	Belgaum
Giri Sankar	SDM, Dharwad
Mahesh G Pillai	Manipal, KMC
Aathira Hari	Azeezia Dental College

13. Plan of action of the department for the next five years

- To make the PGs familiar to use various implant systems to increase the clinical competency in implantology.
- 2. To prepare and publish at least one national and international publication by each faculty and PG students to upgrade their knowledge.
- 3. To attend and organize teacher's training programmes to enhance teaching skill.
- 4. To conduct more number of CDE programmes to update both faculties and PGs on recent advances in oral and maxillofacial surgery
- 5. To make the PGs participate in various patient awareness programmes to increase the awareness of patient about periodontal disease and modern treatment facilities available in the college.
- 6. To buy advanced equipments and instruments and make the PGs familiar to do cases with them.

7.

Department of Orthodontics

Faculty profile- adequacy and competency of faculty

Sl no	Name	Service	Qualification	Publication	Ongoing	Research
					projects	
		13 yrs experience as				
		teaching faculty and				
1	Dr.Roopesh .R	3 years experience as	MDS	8	1	
		PG guide				
		11 yrs experience as				
2	Dr. Madhav	teaching faculty				
	Manoj	3 years experience as	MDS	4	1	
		PG guide	MOrth			
		10 years and 6 months				
	Dr.Deepu	experience as teaching				
3	Leander	faculty. 3 years	MDS	3	1	
	Leanuci	experience as PG guide				
4	Dr. Jai Govind	6 years experience as	MDS			
		teaching faculty				
5	Dr. Reshma	3 years experience as				
	Ravindran	teaching faculty	MDS			
6	Dr. Jobin Baby	2 years and 6 months				
		experience as teaching	MDS	3		
		faculty				
	Student profile onto	<u> </u>		_		

1. Student profile- entry level competencies, socio-economic status, language proficiency

2. Changes made in the courses or programs during past two years and the contribution of the faculty to those changes

MDS Syllabus modified in 2010

3. Trends in the success and dropout rates of students during the past two years

4. Learning resources of the departments-library, computers, laboratories and other resources

Books in department library- 150

Books in central library-240

No. of dept computers-1,

No. of laptops of PG students-9

No of laptops of faculty-6

Special Equipments

5. Modern teaching methods practiced and use of ICT in teaching-learning

Modes of teaching used- Lectures, Seminars, journal clubs, Chair side discussions, Power point Presentations, Assignments and Interdisciplinary Case discussions.

6. Participation of teachers in academic and personal counseling of students

Batch coordinators allotted for individual batch of students for personal counseling of students,

Professional counseling by reference and own counsellor of the college

7. Details of faculty development programs and teachers who have been benefited during the past two years

Name	Conferences and CDEs attended	Teachers Training programme
Dr. Roopesh.R(prof & Hod)	4	2
Dr. Madhav Manoj	4	2
Dr.Deepu leander	4	2

Dr. Jai Govind	4	2
Dr. ReshmaRavindran	4	2
Dr. Jobin Baby	4	2

8. Participation/contribution of teachers to the academic activities including teaching consultancy and research

Name	Teaching	Consultancy	Research
		<i>r</i>	
Dr. Roopesh .R(prof & hod)	V	V	V
Dr. Madhav Manoj		V	V
Dr.Deepu leander		V	V
Dr. Jai Govind	$\sqrt{}$	$\sqrt{}$	
Dr. Reshma Ravindran			
Dr. Jobin Baby			

9. Collaboration with other departments/institutions, at the state, national and international levels and their outcome during past two years

Inter department discussions are done with other departments like department of oral and maxillofacial surgery, prosthodontics and periodontics are done in individual cases before starting the case.

10. Priority areas for research and details of the on-going projects, important and noteworthy publications of the faculty, during past two years

SELF FUNDED ONGOING PROJECTS OF FACULTY

PUBLICATIONS OF LAST TWO YEARS

Name	International	National
Dr. Roopesh .R(prof & hod)	2	3

Dr. Madhav Manoj	1	3
Dr.Deepu Leander		3
Dr. Jai Govind		
Dr. Reshma Ravindran		
Dr. Jobin Baby		2

11. Placement record of the past students and the contribution of the department to aid student placements

UG Students Who Attained Merit PG Seats In Different Colleges

List of Students	Name of college
Kaleel Ahmed	Govt Dental College, TVM
Ambili	Govt Dental College, Kottayam
Angel Mary	Pushpagiri Dental College
Vivek Chand	Govt Dental College, TVM
Prem Pillai	Govt Dental College, TVM
Sandhya	Manipal, KMC
Manjari	SDM, Dharwad
Renjith Raj	RV dental college
Reshma	RV dental college
Rakesh	Krishna devaraja Dental college
Dhanya Krishnan	Bangalore
Reshmi	PMS Dental College
Mathews	PMS Dental College
Deepak	PMS Dental College

Shabna	PMS Dental College
Haby Mathew	PMS Dental College
Satheesh	Govt Dental College, Assam
Afsal	Sri Sankara Dental College
Madhu	Belgaum
Giri Sankar	SDM, Dharwad
Dhanya CP	SDM, Dharwad
Mahesh G Pillai	Manipal, KMC
Aathira Hari	Azeezia Dental College

12. Plan of action of the department for the next five years

- 1.To make the PGs familiar to use more number of other fixed appliances systems to increase the clinical competency in Orthodontics
- 2. To prepare and publish at least one national and international publication by each faculty and PG students in a year to upgrade their knowledge.
 - 3. To attend and organize more teacher's training programmes to enhance teaching skill.
- 4. To conduct more number of CDE programmes to update both faculties and PGs on recent advances in Orthodontics.
- 5. To make the PGs participate in various patient awareness programmes externally during camps to increase the awareness of patient about Orthodontics and modern treatment facilities available in the college.
- 6. To buy advanced equipments and instruments in Orthodontics like S.A.M articulator, Ceph machine, C.B.C.T in the department and also to implement an advanced Molecular level research clinic in the future.

Department of prosthodontics

13. Faculty profile- adequacy and competency of faculty

Faculties adequate and competent- details in curriculum vitae of faculties

Sl no	Name	Age	Service	Qualification	Publications	Ongoing Research projects
1	Dr. Alex Mathew.M	40	14 years experience as teaching faculty. Faculty of university of Genova, ITALY for the past 1 yr Faculty of dept.of advance dental sciences, manipal university -5yr Adjunctive faculty of D.M.I.M.Sfor the past 3yrs	MDS Diploma in laser dentistry Noble biocare fellow in implantology	9	5
2	Dr. Sudeep sarathchandran	43	12 yrs experience as teaching faculty 3 years experience as PG guide	MDS	4	3
3	Dr. Dinesh.N	37	7years experience as teaching faculty	MDS	3	2
4	Dr. Sapna bhaskaran	34	6 years experience as teaching faculty	MDS	3	
5	Dr. Sheeba H Gladstone	38	5½ years experience as teaching faculty	MDS	4	2
6.	Dr.Noxy George	37	4 years experience as teaching faculty	MDS	4	2

Student profile- entry level competencies, socio-economic status, language proficiency

Changes made in the courses or programs during past two years and the contribution of the faculty to those changes

Dr. Sudeep, Member, Board of Studies KUHAS university actively participated in modifing MDS Syllabus in 2010

Trends in the success and dropout rates of students during the past two years

Learning resources of the departments-library, computers, laboratories and other resources

Books

Central library - 295

Department library -164

Computers

LAPTOPS – 14

DESKTOP - 1

Modern teaching methods practiced and use of ICT in teachinglearning

Modes of teaching used- Lectures, Seminars, Chair side discussions, Group Discussions, Power point Presentations, Assignments, OHP Presentations, Peer teaching, Designed Clinical Skill Enhancement Programs, Interdisciplinary Case discussions

Participation of teachers in academic and personal counselling of students

Batch coordinators allotted for individual batch of students for personal counselling of students, Professional counselling by reference and own counsellor of the college

6. Details of faculty development programs and teachers who have been benefited during the past two years

Name	Conferences	As Faculty Speaker	CDE	Training programme	Camps
Dr. Alex Mathew	8	11	5		

Dr. Sudeep	6	9	3	
Dr. Dinesh	5	11	5	1
Dr. Sapna		1		
Dr. Sheeba	2	4		
Dr. Noxy	3	5		

Participation/contribution of teachers to the academic activities including teaching consultancy and research

Dr. Alex Mathew

International faculty of the University of Genova, ITALY Course director of diploma in Laser Dentistry, University of Genova, ITALY

Course director of diploma in Laser Dentistry & implanatology, University of Genova, ITALY

Chief faculty of diploma course in laser dentistry at Sharad Pawar Dental College & Hospital, Sawangi, Maharashtra

Collaboration with other departments/institutions, at the state, national and international levels and their outcome during past two years

Collaboration with university of genova, ITALY for two diploma courses.

Priority areas for research and details of the on-going projects, important and noteworthy publications of the faculty, during past two years

Priority areas for research - applications of laser in crown and bridge and implantology

LIST OF ONGOING PROJECTS- 3 YEARS

SL	SHORT TERM STUDY
NO	
1	An Assessment Of Retention Ad Resistance Form Of Tooth Prepartions
	For All Ceramic Restorations Using Two Different Evaluation
	Methods- A Substantiated Lab Study By Dr. Joyce Thomas

2	Prevalance Of Golden Proportion In Anterior Esthetics Of Unrestored Dentition By Dr. Anu A George
3	Clinical Evaluation Of Laser Bleaching Vs Unconventional
	Inoffice Bleaching By Dr. Milen Mariam Rajeev.

Noteworthy publications

- 1) Diode Lasers: A Versatile Clinical Tool (A Technical and Clinical Review)(IJOLD Sept-Dec,2011) by Dr .Alex Mathew
- 2) Surface and Compositional Changes of Human Root Surfaces on exposure to Diode Laser (810nm): An in vitro study(IJOLD Sept-Dec,2011)- by Dr .Alex Mathew

Placement record of the past students and the contribution of the department to aid student placements

UG Students Who Attained Merit PG Seats In Different Colleges

List of Students	Name of college
Kaleel Ahmed	Govt Dental College, TVM
Ambili	Govt Dental College, Kottayam
Angel Mary	Pushpagiri Dental College
Vivek Chand	Govt Dental College, TVM
Prem Pillai	Govt Dental College, TVM
Sandhya	Manipal, KMC
Manjari	SDM, Dharwad
Renjith Raj	RV dental college
Reshma	RV dental college
Rakesh	Krishna devaraja Dental college
Dhanya Krishnan	Bangalore
Reshmi	PMS Dental College
Mathews	PMS Dental College
Deepak	PMS Dental College
Shabna	PMS Dental College

Haby Mathew	PMS Dental College
Satheesh	Govt Dental College, Assam
Afsal	Sri Sankara Dental College
Madhu	Belgaum
Giri Sankar	SDM, Dharwad
Dhanya CP	
Mahesh G Pillai	Manipal, KMC
Aathira Hari	Azeezia Dental College

Plan of action of the department for the next five years

Denture camps in all districts of south kerala International publication by all faculty members CAD-CAM and All ceramic integrations into our laboratory

DEPARTMENT OF PERIODONTICS

14. Faculty profile- adequacy and competency of faculty

Sl no	Name	Service	Qualification	Publicati	Ongoing
				on	Research
					projects
1	Dr. Seba	16 yrs experience as	MDS	10	2
	Abraham	teaching faculty and	Advanced training		
		3 years experience as PG	programme in		
		guide	surgical		
			implantology		
2	Dr. Ambili R	8 yrs experience as	MDS	7	1
		teaching faculty	Advanced		
		3 years experience as PG	training		
		guide	programme in		

			surgical		
			implantology		
3	Dr. Arunima	6 years experience as	MDS	9	-
	PR	teaching faculty			
4	Dr. Reejamol	5 years experience as	MDS	5	-
	MK	teaching faculty			
5	Dr. Preeja C	3 years experience as	MDS	7	-
		teaching faculty			
6	Dr.Archana V	2 years experience as	MDS	3	-
		teaching faculty			

15. Student profile- entry level competencies, socio-economic status, language proficiency

16. Changes made in the courses or programs during past two years and the contribution of the faculty to those changes

MDS Syllabus modified in 2010

- 17. Trends in the success and dropout rates of students during the past two years
- 18. Learning resources of the departments-library, computers, laboratories and other resources

Books in department library-83

Books in central library-204

No. of dept computers-2,

No. of laptops of PG students-6

No of laptops of faculty-6

Special Equipments

- Microsurgical Instruments
- Iontophoresis unit

- Electrocautery
- Soft tissue laser
- Implant

19. Modern teaching methods practiced and use of ICT in teaching-learning

Modes of teaching used- Lectures, Seminars, journal clubs, Chair side discussions, Power point Presentations, Assignments and Interdisciplinary Case discussions.

20. Participation of teachers in academic and personal counseling of students

Batch coordinators allotted for individual batch of students for personal counseling of students, Professional counseling by reference and own counsellor of the college

21. Details of faculty development programs and teachers who have been benefited during the past two years

Name	Conferences and CDEs attended	Teachers Training programme
Dr. Seba Abraham	5	1
Dr. Ambili R	8	1
Dr. Arunima PR	6	
Dr. Reejamol MK	8	1
Dr. Preeja C	7	
Dr. Archana V	2	

22. Participation/contribution of teachers to the academic activities including teaching consultancy and research

Name	Teaching	Consultancy	Research
Dr. Seba Abraham	V		V
Dr. Ambili R	√	V	V
Dr. Arunima PR	V	V	

Dr. Reejamol MK	V		
Dr. Preeja C	V	V	
Dr Archana V			

23. Collaboration with other departments/institutions, at the state, national and international levels and their outcome during past two years

Inter department discussions are done with other departments like department of oral and maxillofacial surgery, prosthodontics, oral medicine and radiology are done on case implant before starting the case.

24. Priority areas for research and details of the on-going projects, important and noteworthy publications of the faculty, during past two years

SELF FUNDED ONGOING PROJECTS OF FACULTY

- 1. Dr Seba Abraham. Association of root caries and peridoontitis A cross sectional study.
- 2. Dr Seba Abraham. Association of gingival biotypes with gender and tooth morphology-A comparative evaluation using probe transparency method.
- 3. Dr Ambili R. Doing research on the topic "Comprehensive evaluation of molecular mechanisms for periodontal pathogenesis" as part of Ph.D under University of Kerala.

PUBLICATIONS OF LAST TWO YEARS

Name	International	National
Dr.Seba Abraham	1	1
Dr. Ambili R	2	-
Dr. Arunima PR	1	6
Dr Reejamol MK	1	4
Dr. Preeja C	3	1
Dr. Archana V	1	1

25. Placement record of the past students and the contribution of the department to aid student placements

UG Students Who Attained Merit PG Seats In Different Colleges

Name of college
Govt Dental College, TVM
Govt Dental College, Kottayam
Pushpagiri Dental College
Govt Dental College, TVM
Govt Dental College, TVM
Manipal, KMC
SDM, Dharwad
RV dental college
RV dental college
Krishna devaraja Dental college
Bangalore
PMS Dental College
Govt Dental College,Assam
Sri Sankara Dental College
Belgaum
SDM, Dharwad

Dhanya CP	
Mahesh G Pillai	Manipal, KMC
Aathira Hari	Azeezia Dental College

26. Plan of action of the department for the next five years

- 8. To make the PGs familiar to use more number of other implant systems to increase the clinical competency in implantology.
- 9. To prepare and publish at least one national and international publication by each faculty and PG students to upgrade their knowledge.
- 10. To attend and organize more teacher's training programmes to enhance teaching skill.
- 11. To conduct more number of CDE programmes to update both faculties and PGs on recent advances in periodontics.
- 12. To make the PGs participate in various patient awareness programmes externally during camps to increase the awareness of patient about periodontal disease and modern treatment facilities available in the college.
- 13. To buy advanced equipments and instruments in periodontics like like periotron, hard tissue laser etc and make the PGs familiar to do cases with them.

Evaluative Report Peadodontics

1. Faculty profile - adequacy and competency of faculty

Sl.	Name	Qualification	Experience
No			
1.	Dr. Sageena George	Professor & Head of Dept.	BDS-1990;MDS-1994
2.	Dr. Anandaraj.S	Professor	BDS- 1997; MDS- 2003
3.	Dr. Jyoti Sumi Issac	Reader	BDS-1997; MDS-2007

4.	Dr. Sheen Ann John	Sr. Lecturer	BDS-2001; MDS-2010
5.	Dr. Senthamil Selvan	Sr. Lecturer	
6.	Dr. Anoop Harris	Sr. Lecturer	BDS-2004:MDS - 2011

- 2. Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes.
- 3. Trends in the success and dropout rates of students during the past two years Dropouts –nil

Success –PG (exam going only in May 2014-first batch)

UG 2011-2012: 97%

4. **Learning resources of the departments** - library, computers, laboratories and other resources

The department has a well equipped library which covers all the books of the specialty (Indian authors) and most of the international books. Also books in relation to associated fields (Indian and international).

We have an internet connection for the use of students where online access to journals is available besides the access of EBSCO in the central library.

Use of computers is encouraged for seminar presentations (UG & PG).

- 5. Modern teaching methods practiced and use of ICT in teaching LearningClasses are taken with the help of computers, PowerPoint presentations are used for every class. Virtual aid is used to enhance and motivate learning in class.
- 6. Participation of teachers in academic and personal counseling of students.
- 7. Details of faculty development programmes and teachers who have been benefitted during the past two years.

Details provided in the facts data sheet.

8. Participation /contribution of teachers to the academic activities including teaching, consultancy and research.

Referral of patients from private practice to the department for academic interest. Treatment of such patients is done here in the dental college.

Staffs are involved in every step of the research undertaken by postgraduate students.

Staffs are also involved in every step of formatting education aids done by undergraduates.

9. Collaboration with other departments/institutions, at the State, National and international levels and their outcome during the past two years.

Research work done in association with ISRO and centre for earth sciences.

Studies are still in progress.

10. Priority areas for research and details of the ongoing projects, important and noteworthy publications of the faculty during past two years.

Publications in international journals and national journals in the past two years and publications have been achieved and some are still in progress.

- 11. Plan of action of the Department for the next five years.
 - a. Expansion of department.
 - b. Separate cubicles for all postgraduates.
 - c. To conduct two CDE programmes.
 - d. To conduct a short term research by all post graduates.
 - e. To conduct a long term research by the staff members.

Evaluative Report of the Departments

Department of Conservative Dentistry and Endodontics

13. Faculty profile- adequacy and competency of faculty

Sl no	Name	Age	Service (as of 31/12/2013)	Qualification	Publication	Ongoing Research projects
1	Dr. N.O. Varghese	58	MDS 32 years -		IN: 2 NA: 4 ST: 10 OTH: 8	9
2	Dr. Rajesh Pillai	42	MDS, Diploma in laser dentistry		11	9
3	Dr. U-Nu. S	40	9years' experience as teaching faculty	MDS, Advanced training in Dental Implant Restorations.	4	
4	Dr. Asha Sarah Jacob		Years' experience as teaching faculty	MDS	9	3

5	Dr. Afsal	5years 5 months	MDS	15	4
6	Dr. Shan	6 month's teaching			
U	Sainudeen	experience	experience MDS		

- 14. Student profile-entry level competencies, socio-economic status, language proficiency.
- 15. Changes made in the courses or programs during past two years and the contribution of the faculty to those changes:

BDS and MDS Syllabus modified in 2010 by KUHS

- 16. Trends in the success and dropout rates of students during the past two years
- 17. Learning resources of the departments-library, computers, laboratories and other resources
 - Books in department library 96
 - Books in central library- 420
 - No. of dept. computers-2,
 - No. of computers of PG students-9,
 - No of computers of faculty-5
 - Special Equipments:
 - o Surgical microscope, Micro-Surgery kit
 - o Injectable thermoplasticised GP kit

18. Modern teaching methods practiced and use of ICT in teaching-learning

Modes of teaching used-

- Lectures with Power point Presentations,
- Video demonstrations.
- Live pre-clinical demonstrations,
- Live patient demonstrations,
- Seminars,
- Journal club,
- Chair side discussions,
- Group Discussions,
- Assignments,

- Peer teaching,
- Designed Clinical Skill Enhancement Programs,
- Interdisciplinary Case discussions

19. Participation of teachers in academic and personal counseling of students

Batch coordinators allotted for individual batch of students for personal counseling of students, Professional counseling by reference and own psychological counsellor of the college.

20. Details of faculty development programs and teachers who have been benefited during the past two years

Name	Conferences	As Faculty Speaker	Seminars	CDE	Training programs	Camps
Dr. N.O. Varghese			1	6		
Dr. Rajeshpillai	5	3	1	6		6
Dr. U-Nu. S	6	1	1	6		2
Dr. Asha Sarah Jacob				6		2
Dr. Afsal. A	4		1	6	3	5
Dr. Shan Sainudeen						1

21. Participation/contribution of teachers to the academic activities including teaching consultancy and research

Name	Teaching	Clinical case management	Camps	Consultancy	Research
Dr. N.O. Varghese	V			V	
Dr. Rajeshpillai	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
Dr. U-Nu. S	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	
Dr. Asha Sarah Jacob	V	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
Dr. Afsal. A	V		$\sqrt{}$	V	
Dr. Shan Sainudeen	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	V	$\sqrt{}$

22. Collaboration with other departments/institutions, at the state,national and international levels and their outcome during past two years

Academic Programs	Departments Involved
Esthetic club	Periodontics, Prosthodontics, Orthodontics,
	Conservative Dentistry
Cosmetic club	Oral Surgery, Prosthodontics, Periodontics,
	Orthodontics, Conservative Dentistry
Biomedical Research	Oral Pathology

23. Priority areas for research and details of the on-going projects, important and noteworthy publications of the faculty, during past two years

SELF FUNDED ONGOING PROJECTS OF FACULTY

A, Influence of variations in vertical angulation of the object in root canal working length determination and comparison using suni (cmos)digital system, storage phosphor plates and conventional film- an invitro study- **Dr. Vivek V, Dr. Rajeshpillai,Dr. Sunila Thomas,Dr. Vineet DA,Dr. Jincy Thomas,Dr. Rani Mol P.**

B, Frequency of oral soft tissue, hard tissue and intraosseous lesions in geriatric patients and their association with systemic diseases and deleterious habits-**Dr. Vivek V,Dr. Sunila Thomas,Dr.**

Vineet DA,Dr. Jincy Thomas,Dr. Rani Mol P

C, Comparative study of carotid artery calcifications among smokers and non-smokers using panoramic dental radiographs-**Dr. Vivek V,Dr. Sunila Thomas,Dr. Vineet DA,Dr. Jincy Thomas,Dr. Rani Mol P**

PUBLICATIONS OF LAST TWO YEARS

Name	International	National	Regional
Dr. N.O. Varghese		2	
Dr. Rajeshpillai		3	2
Dr. U-Nu. S		1	2
Dr. Asha Sarah Jacob		1	
Dr. Afsal. A		2	2
Dr. Shan Sainudeen		1	

24. Placement record of the past students and the contribution of the department to aid student placements

UG Students Who Attained Merit PG Seats In Different Colleges

List of Students	Name of college	
Khaleel AhmedThaha	Govt Dental College, TVM	
Ambili.	Govt Dental College, Kottayam	
Ajas A	Govt Dental College, TVM	
Angel Mary	Pushpagiri Dental College	
Vivek Chand	Govt Dental College, TVM	
Prem Pillai	Govt Dental College, TVM	
Sandhya	Manipal, KMC	
Manjari. P	SDM, Dharwad	
Renjith Raj	RV dental college	
Reshma VJ	RV dental college	
Rakesh S	Krishna devaraja Dental college	
Dhanya Krishnan	Krishna devaraja Dental college Bangalore	
Reshmi K Raman	PMS Dental College	
Mathews V	PMS Dental College	
Deepak KT	PMS Dental College	
Shabna Hassan	PMS Dental College	
Haby MathewSomson	PMS Dental College	
IndhyaPadinjaral	MCODS Manipal	
Satheesh SL	GovtRegional Dental College,Assam	
Afsal	Sri Sankara Dental College	
Madhu PS	KLE Belgaum	
GiriSankar	Bapuji Dental college	
Mahesh G Pillai	MCODS Manipal	
AathiraHari	Azeezia Dental College	

25. Plan of action of the department for the next five years

Designed Clinical Skill Enhancement Programme for Interns- to be implemented.

Emergency dental trauma unit, Laser clinic is to beimplemented in the department,

Advanced micro endodontic surgery theater to be established.

Evaluative Report Human Anatomy

	Dr Anil Rahule Professor & HOD department of Anatomy		
Faculty profile	Dr Samraj Lecturer in Anatomy		
	Mr Manoj K T Lecturer in Anatomy		
	Miss Seenamol S Lecturer in Anatomy		
Student profile	Refer students enrollment list		
Changes made in the course or programme	 The BDS course came under Kerala university of health science Syllabus has been revised Number of faculty increased Time table changed to giving more time for theory and practical classes college time has been changed from 8-2 to 8-4 		
Trend in the success and dropout rate	 2011 -2012 BATCH -49% 2012-2013 BATCH - 63 		
Learning resources of the departments	 Department library internet facility models charts journal articles students laptop AV aids 		
Modern teaching methods adopted in the departments	 PowerPoint presentation OHP microteaching 		

Participation of teachers in academics and personal counseling of students	 12 students are assigned to one teacher to take care overall activities of those students (mentors) personal counseling has been given to the problem students helping and guiding the students to make models and charts
Faculty development programs	 Participating the programs conducted by IDA Participating the programs conducted by AIDS CELL
Participation and contribution of teachers to academics activity	 Conducting seminars Guiding the PG students for their thesis works
Collaboration with other departments and institutions	team teaching (department of Anatomy ,Physiology and Biochemistry)
Plans and action of the department for the next five years	 taking necessary actions to attain 100 % result periodical examinations and evaluation giving grades for the students according to their performance in theory and practical examination plan to conduct seminars

EVALUATIVE REPORT OF THE DEPARTMENT PHYSIOLOGY			
Criterion	Departmental Evaluation		
	 Dr Veneth S Baljoshi (MBBS, MD) 		
	Professor & HOD of Department of Physiology		
	 Mrs. Radhika (M.Sc) 		
Faculty profile	Lecturer in Physiology		
	 Mr. Abhishek Jana (M.Sc, B.Ed and Senior Research 		
	Fellow)		
	Lecturer in Physiology		
Student profile	 Refer students enrollment list at Academic Section 		
Changes made in the	• The BDS course came under Kerala university of health		
course or	science		
programme	 Syllabus has been revised and expanded in 2010. 		
	 Number of faculty increased 		
	 Time table changed to giving more time for theory and 		
	practical classes		
	 college time has been changed from 8AM-2PM to 		
	8AM-4PM		
Trend in the success	• 2011 -2012 BATCH -65%		
and dropout rate	2012 2012 DATCH CON		
	• 2012-2013 BATCH – 68%		
	 Department library 		
Learning resources	 Internet facility 		
of the departments	 Models 		
	Charts		
	 Journal 		
	• Articles		
	Students laptop		
	Audio Visual aids		
Modern teaching	PowerPoint presentation		
methods adopted in	• OHP		
the departments	 Microteaching 		
	• Animation		
Participation of	• 12 students are assigned to one teacher to take care		
teachers in academic	overall activities of those students (mentors)		
and personal	 Personal counselling has been given to the problem 		
counselling of	students		
students	 Helping and guiding the students to make models and 		
	charts.		
Faculty development	Participating1the programs conducted by IDA		
J			

programs	Participating the programs conducted by AIDS CELL
Participation and	 Conducting seminars and Group discussion
contribution of	 Guiding the PG students for their thesis works
teachers to	
academics activity	
Collaboration with	 Team teaching (department of Anatomy, Physiology,
other departments	Dental Anatomy and Biochemistry)
and institutions	
Plans and action of	Taking necessary actions to attain 100 % result
the department for the next five years	Periodical examinations and evaluation
	Giving grades for the students according to their
	performance in theory and practical examination
	Plan to conduct seminars and conferences

EVALUATIVE REPORT- DEPARTMENT OF BIOCHEMISTRY

Faculty profile	 Dr Asha G Sivaram Reader & HOD of department of biochemistry Mrs. Asha K R Lecturer in biochemistry Mrs. Priya Mathew
	Lecturer in biochemistry
Student profile	Refer students enrollment list
Changes made in the course or programme	 The BDS course came under Kerala university of health science Syllabus has been revised Number of faculty increased Time table changed to giving more time for theory and practical classes college time has been changed from 8-2 to 8-4
Trend in the success and dropout rate	 2011 -2012 BATCH -65% 2012-2013 BATCH - 68

Learning resources of the departments	 Department library internet facility models charts journal articles students laptop AV aids
Modern teaching methods adopted in the departments	PowerPoint presentationOHPmicroteaching
Participation of teachers in academic and personal counseling of students	 12 students are assigned to one teacher to take care overall activities of those students (mentors) personal counseling has been given to the problem students helping and guiding the students to make models and charts
Faculty development programs	 Participating the programs conducted by IDA Participating the programs conducted by AIDS CELL
Parcticipation and contribution of teachers to academics activity	 Conducting seminars Guiding the PG students for their thesis work
Collaboration with other departments and institutions	 team teaching (department of Anatomy, Physiology and Biochemistry)
Plans and action of the department for the next five years	 taking necessary actions to attain 100 % result periodical examinations and evaluation giving grades for the students according to their performance in theory and practical examination plan to conduct seminars

DEPARTMENT OF PHARMACOLOGY

1.DR. JERRY HEISON ROBERT – HEAD OF	
DEPARTMENT	
2. MRS. BABITHA K.VAZHAYIL-SENIOR	
LECTURER	
3. DR.DIPU S.V, SENIOR -LECTURER	
4. MRS. SUJA – JUNIOR LECTURER	
ADMISSION BASED ON NEET RANKING	
MDS CURRICULUM REVISED 2011	
BDS CURRICULUM REVISED IN 2010	
PG 2013 – 91%	
UG 2012(R) – 95%, 2012(A) – 90%, 2013 (R) – 97%	
LIBRARY – WELL ESTABLISHED WITH WI-FI	

	INTERNET FACILITY ,E-JOURNALS, VIDEO CD'S,	
	BOOKS, JOURNALS	
	COMPUTERS / LAPTOP	
	1: 10 FOR UG	
	1:1 FOR PG	
	LABORATORIES – ADEQUATE LABORATORY	
	FACILITY FOR UG	
	SEMINARS / LECTURES BY EMINENT	
	PROFESSORS	
MODERN TEACHING METHODS	USING LCD PROJECTORS FOR POWER POINT	
	AND VIDEO PRESENTATIONS (ICR METHODS)	
TEACHER AS MENTOR/GUIDE	AS MENTOR IN ACADEMIC AND PERSONAL	
	COUNSELING AND REFERING TO STUDENT	
	COUNSELOR	
	AS GUIDE IN PG PROJECTS	
FACULTY DEVELOPMENT		
PROGRAM		
	-	
ACADEMIC ACTIVITIES	PARTCIPATING IN TEACHING - UG	
	CONSULTANCY – GUIDING PG FOR THESIS	
	WORK	
	RESEARCH –(PART TIME) PHD SCHOLAR	
COLLABORATION WITH OTHER	-	
DEPARTMENTS		
ONGOING RESEARCH PROJECTS	1.)PHARMCOLOGICAL EVALUATION OF	
	EUPHORBIA NIVULIA FOR INTESTINAL	
	ACTIVITY	
	2.) INHIBITORY EFFECT OF PLANT EXTRACTS IN	
	ACID SECRETION USING ANIMAL MODEL	
PLACEMENT RECORD	NA	
FUTURE PLAN OF ACTION	1.)PROGRESSIVE RESEARCH IN THE FIELD OF	
	ONCOLOGY, NEUROLOGY, CARDIOLOGY AND	
	GASTROENTEROLOGY	
	2.)ATTENDING TEACHER TRAINING PROGRAM	
	FOR IMPROVING QUALITY OF TEACHERS	
	3.)CONDUCTING NATIONAL SEMINARS AND	
	INTERNATIONAL CONFERENCES	
	4) VIDEO CONFERENCING OF EMERITUS	
	PROFESSORS FOR LECTURES	

DEPARTMENT OF MICROBIOLOGY

EACH TV DDOEL E	Dr. Channe M. (reader) Dl. D.	Mrs Smiths C
FACULTY PROFILE	Dr.Sheena .N (reader) –PhD	Mrs.Smitha C
	microbiology Internal Examiner(II BDS)	(Sr.Lecturer) NAAC FACILITATOR
	-2012	Asst coodintor (II BDS)
CTUDENT DDOEH E	Admission on the basis of	Admission on the basis of
STUDENT PROFILE		
CURRICULUM DEVICION	NEET Ranking MDS curriculum Revised in	NEET Ranking BDS curriculum Revised
CURRICULUM REVISION		in 2010 by KUHS.
	2011 by KUHS	Attended KUHS College
		representative meeting-
		2012
RESULT TRENDS	PG	UG
RESCET TREADS	2012-100%	2012 (R)- 95%
	2013- 90 %	2012 (A)-91%
		2013 (R)- 100%
	Library-Wi-Fi ,internet	Library- Wi Fi ,internet
LEARNING RESOURCES	facilities,e journals,CD	facilities,e journals,vedio
	library	CDs ,Books and Journals
	Computers/lap tops-1:1	Computers/lap tops:1:10
		Laboratories: adequate lab
		facilities
		Seminars/lecture: eminent
		professors and guest
		faculty
MODERN TEACHING METHODS	LCD projectors for power	LCD projectors for power
	point presentations, and vedio	point presentations, and
	presentation(ICR),	vedio presentation(ICR),
TEACHER AS MENTOR/GUIDE	Participating in academic	Participating in
	and personal counselling	academic and personal
	and PG project	counselling and refers to
	coordination and advices	Student Counselor
		Asst. Coordinator for II
		BDS students
FACULTY DEVELOPMENT	Attended higher education	ISO internal auditor
PROGRAM	counsil meeting –Tvm,	training ,2008
	2012	<i>5</i> / -
	1	
	Teaching: UG & PG	Teaching: UG
ACADEMIC ACTIVITIES	Teaching: UG & PG Consultancy: IRTC	Teaching: UG Consultancy: PG thesis
ACADEMIC ACTIVITIES	Consultancy: IRTC,	Consultancy : PG thesis
ACADEMIC ACTIVITIES	Consultancy: IRTC , Palakkad.	Consultancy : PG thesis work,external
ACADEMIC ACTIVITIES	Consultancy: IRTC , Palakkad. Research associated with	Consultancy : PG thesis work,external consultancy at BGRC
ACADEMIC ACTIVITIES	Consultancy: IRTC , Palakkad. Research associated with amala cancer research	Consultancy : PG thesis work,external consultancy at BGRC Research : PhD scholar(
ACADEMIC ACTIVITIES COLLABORATION WITH OTHER	Consultancy: IRTC , Palakkad. Research associated with	Consultancy : PG thesis work,external consultancy at BGRC

DEPARTMENTS		
ONGOING RESEARCH PROJECTS	NIL	NIL
PLACEMENT RECORD	NA	NA
	Progressive research in the	
FUTURE PLAN OF ACTION	field of Oral microbiology	
	& cancer, Microbial	
	pharmaceuticals, Molecular	
	microbiology	
	,Bioinformatics,	
	Vedio conferencing of	
	Emereitus professors for	
	lectures	
	Attending teacher training	
	programme	
	Conducting National and	
	International Conferences	

Additional Inputs for Dental Institutions

Department of Oral Medicine and Radiology

Slno	Routine [DCI&KUHS]as per guidelines	Additional	Remarks
	Criteria II: teaching learning and evaluation		
	education		
1	Complete timetable for all years		
	UG and PG timetable kept in department files		
2	Postgraduate training- daily logbook		
	Maintained regularly on a daily basis and		
	evaluated by staff in charge		
3	Clinical competencies- specialty wise A-Performed independently-1 st , 2 nd and 3 rd		
	year PG students does routine clinical work		
	under supervision of staff in charge.2 nd and 3 rd		
	year PG students do biopsies independently		
	under supervision of PG in charge		
	B- Performed with assistance- Second year		
	PG's- Biopsies & Taking extra oral views		
	C- Observed- First year PG's in case of Biopsies		
4	Organization of clinical training Evaluation sheets for seminars, journal	Discussions sheets are kept to note the corrective measures for	Evaluated whether the
	presentation, specialty case presentation	the subject of presentations,	necessary
		method of presentations and also	corrections
		the ability to answer the	are made in
		questions made during the	their
		presentations	subsequent
			presentations
	Conducting internal assessment exams		
	Evaluation of external posting log book and conduct		
	Self appraisal forms are filled by the PG students	For gross deficiencies, non	
	on the work done on monthly basis	Compliance Report of the student is submitted to the academic council for adequate measures.	
	Evaluating case history recordings and	1	
	radiographic interpretations		
	Mock practical exam	Conducted for exam going batches by senior eminent professors of other colleges before university examination.	
5	Academic monitoring process		
	Evaluation of pre clinical exercises	Clinical photography and diagrammatic representation	
	Evaluation of seminars, journal presentations,	Encouraging students to come	
	case presentations	out with their own opinion	
	Monitoring the intra oral and extra oral views taken	2. providing the radiographic views at the user point by net	
		working	
	Monitoring faulty radiographs and their	1. quality control procedures	Presentation
	correction	weekly and monthly assessment	to that effect

			by HOD in the national conference of IAOMR
	Evaluating radiographic interpretations	1.writing & filing the interpretation 2. providing the interpretation at the user point by giving copies of interpretation and image by net working	
	Evaluating articles for publications, paper and poster presentations	Our Department head is the editor of both KUHS journal and Trivandrum dental journal. So better guidance for PG's in that aspect	
	Evaluating the thesis		
	Evaluating library dissertation		
	Evaluating lectures taken for the undergraduates		
6	Ratio of number of dental chairs and		
	students in the clinic		
	For 100 undergraduates admission per year - 12 dental chairs, ratio is 1:8		
	For 3 PG seat admission per year- 11dental		
	chairs, ratio is 1:1		
7	Number of procedures in clinics per		
,	month and year		
	Individual details are kept in the department files		
	marviadar actans are kept in the department mes		
8	Pre clinical exercises		
8	Pre clinical exercises PG students are advised to complete and submit		
8	PG students are advised to complete and submit		
8			
9	PG students are advised to complete and submit their pre clinical work before starting clinical		
	PG students are advised to complete and submit their pre clinical work before starting clinical cases		
	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates.		
	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates. Evaluating and discussion of case history		
	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates. Evaluating and discussion of case history recordings of UG cases.		
	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates. Evaluating and discussion of case history recordings of UG cases. Case history presentation and Chair side		
9	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates. Evaluating and discussion of case history recordings of UG cases. Case history presentation and Chair side discussions for PG specialty cases.		
	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates. Evaluating and discussion of case history recordings of UG cases. Case history presentation and Chair side discussions for PG specialty cases. Dental chairs and distribution		
9	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates. Evaluating and discussion of case history recordings of UG cases. Case history presentation and Chair side discussions for PG specialty cases. Dental chairs and distribution 12 Dental chairs –UG clinic		
9	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates. Evaluating and discussion of case history recordings of UG cases. Case history presentation and Chair side discussions for PG specialty cases. Dental chairs and distribution 12 Dental chairs—UG clinic 11 Dental chairs-PG clinic		
9	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates. Evaluating and discussion of case history recordings of UG cases. Case history presentation and Chair side discussions for PG specialty cases. Dental chairs and distribution 12 Dental chairs –UG clinic 11 Dental chairs-PG clinic Average patients attending		
9	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates. Evaluating and discussion of case history recordings of UG cases. Case history presentation and Chair side discussions for PG specialty cases. Dental chairs and distribution 12 Dental chairs –UG clinic 11 Dental chairs-PG clinic Average patients attending Average 140-160 new patients each day.		
9 10 11	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates. Evaluating and discussion of case history recordings of UG cases. Case history presentation and Chair side discussions for PG specialty cases. Dental chairs and distribution 12 Dental chairs –UG clinic 11 Dental chairs-PG clinic Average patients attending Average 140-160 new patients each day. Number of hours student spend in clinic		
9 10 11	PG students are advised to complete and submit their pre clinical work before starting clinical cases Clinical teaching Conducting discussions on selected topics among under and post graduates. Evaluating and discussion of case history recordings of UG cases. Case history presentation and Chair side discussions for PG specialty cases. Dental chairs and distribution 12 Dental chairs –UG clinic 11 Dental chairs-PG clinic Average patients attending Average 140-160 new patients each day.		

	Final Year part I- 27 hours/week		
	PG students		
	first year PG- 30hrs/week		
	second year PG- 42hrs/week		
	third year PG -42hrs/week		
13	Schedule of chair side teaching in clinics		
	As per the case history of the patient (Refer III		
	BDS, IV BDS, MDS Timetable)		
	Patient → reporting to OP → patient		
	allotted to students by staff		
	Case history taking discussion by		
	PG (PG monitored by staff)/staff.		
14	Students case sheet and corrected by	After the corrections the work	Helps in
	whom	record details are entered into	monitoring
	Students after completing the case sheet	each students work registers	the progress
	according to the performa provided is corrected	maintained in the department by	of students in
	by Clinic in charge, whereas radiographic	the corresponding staff in	clinics.
	interpretations by the radiology in charge in their	charges and graded.	
	rough record.		
15	PG skills how achieved	Monitoring by monthly self-	
13		appraisal and evaluation.	
	Case history recordings, radiographic	appraisar and evaluation.	
	interpretations of patients.		
	Observing, assisting and performing biopsy,		
	FNAC procedures.		
	Taking intra oral and extra oral radiographic		
	views(Both analogue and digital).		
	Paper and poster presentations.		
	Preparing articles for publication.		
	Treating and follow up of oral diseases.		
	Attending dental community camps.		
	Treatment planning for medically compromised		
	patients.		
	Taking lectures and clinical guidance for the		
	undergraduate students.		
	Conducting thesis work and preparation of library		
	dissertation.		
16	Pg knowledge how achieved	Monitoring by monthly self-	
	Presenting seminars, journal presentations and	appraisal and evaluation.	
	specialty case presentations.	TT TOTAL TOTAL	
	Attending conferences, CDE programs, CME		
	training programs and clinical club presentations		
	Attending external postings in the dept of		
	Radiodiagnosis, Radiotherapy, Dermatology,		
	General Medicine, General Surgery, Forensic		
	Medicine and ENT.		
	Chair side discussions by staffs.		
	Updating the recent advances in the field of oral		
	medicine and radiology.		

17	Special clinics and their details	Tobacco clinic, pain clinic and temperomandibular joint disorders clinic to be implemented in the department. Multidisciplinary actions for treatment is planned. Triple 'O'- interdisciplinary case discussions are organized by our dept.	
18	Academic ambience Infrastructure and library as specified by Dental Council of India.	The PG student is made in charge of maintainence of Department library on rotation.	PG exposure to library maintenance
19	Casualty and emergency training Basic life support training taken by the postgraduate students and staffs every year. Emergency medicines available in the department to manage medical emergencies		
20	Average attendance of new and old patients Average no. of new patients- 140-160 patients per day. Average no. of old patients- 30-40 patients per day.		
21	Professional and managerial skills for staff	Internal auditor training on quality management systems based on ISO9001:2000 & ISO19011:2002. By American Quality Assessors (Ind Pvt. Ltd. at Trivandrum 30-31 Jan 200	
22	Professional personality development Psychology counsellor available for the college and psychology classes been conducted for each batch of student		
23	Innovations in learning experiences	Clinicopathologic conference on a specialty case conducted by the dept of oral surgery, oral pathology and oral medicine (Triple O). Designed Clinical Skill Enhancement Programme for Interns- to be implemented	
24	Services 1- Services offered Diagnosis and treatment planning of general cases Diagnosis of oral manifestations and treatment planning in systemic diseases Detection of precancers and cancers	1.writing & filing the interpretation 2. providing the interpretation at the user point by giving copies of	

Medical treatment of oral diseases
Follow up of oral diseases
Treatment of salivary gland diseases
Management of tempero mandibular disorders
Treatment of oral manifestations of skin disorders
Periapical radiographs (Digital and analogue)
Panoramic radiographs (Digital and analogue)

Extra oral radiographs (Digital and analogue) Printing and CD writing of radiographs Biopsy taking

Laser treatment

2- Patient education and informed decision

Done for each patients included in the thesis work of the post graduates and for department projects done by staff and post graduates. Patients are thoroughly educated about their oral condition or disease and their treatment options.

3-Patient re assessment schedule

Regular close follow up during the treatment of oral diseases (Refer Review Register)

4-Imaging services, processes

Periapical radiographs (Digital and analogue). Panoramic radiographs (Digital and analogue). Extra oral radiographs (Digital and analogue). Printing and CD writing of radiographs.

5- Radiation Safety Measures and Compliance

Observed as per AERB regulation. AERB certification obtained for the radiographic machines. TLD Radiation monitoring badges are dispatched toAvantec laboraties regularly for evaluation of radiation dose after every 3 months. (AERB/MDX/RSD-Reg-KL-0687/2013 10444)

6- Multidisciplinary Patient care-

Multidisciplinary care available and patient's are referred to other departments depending on individual need.

7- Dental Records- Case sheets, radiographs, biopsy report and other reports are maintained for the speciality cases.

8- Patient Referral Procedures

Patients who are medically compromised are referred to the respective physicians to get consent about the fitness of the patient for interpretation and image by net working

1.writing & filing the interpretation 2. providing the interpretation at the user point by giving copies of interpretation and image by net working

Patients requiring multidisciplinary care are taken to the concerned department after treatment planning in OMR by PG/nursing staff to ensure prompt care.

Patient records are maintained in the patient case sheet in the possession of the patient. To ensure transparency

undergoing dental treatment.

9-Patient and family rights during patient care

Patients are educated about different treatment options and the best suited treatment for the condition.

10- Cardiopulmonary resuscitation facility

BLS course attended by PG students and emergency drugs are available in case of emergency. Department of oral and maxillofacial surgery is having ICU with all modern facilities.

11- Vulnerable and physically challenged cases

Facility for physical assistance like wheel chair, trolley, stretcher, lift, portable dental chair etc are available.

12- Rehabilitative service

Are available in the department of prosthodontics and department of conservative dentistry.

13- Nutritive therapy

Nutritive therapy is done for patients if nutritional deficiencies are identified.

14- Patient satisfaction

Public relation department collect the feedback department wise, analyze and takes adequate measures.

15-Pharmacy

Under construction

16-Storage of chemicals and drugs

Store available

17-Dispensing medication

Local anesthetic is dispensed from the department and emergency drugs are also available

18- Radioactive and investigational drug administration-not applicable

19- Infection control program

Sterilization of all instruments are done by autoclaving.

20- Patient care management

Individual care is given to each patients

21- Compliance to regulation

All statutory regulatory requirements are fully complied.

22- Clinical trial and research

Student projects-9 Faculty projects-3 Part time PhD projects-1

23- Community education and service

Postgraduate students and faculty actively attend dental camps for patient education and screening of oral diseases.

Infra structure and learning resources

1-Infrastructure for circular activities

Well-equipped as per DCI norms

2-Space and equipments

Space and all modern instruments and equipments are available in the department as per DCI norms

3- Dental chairs in clinic

PG: 11 UG: 12

25

4- New and old patients

New- 140-160 patients per day Old- 30-40 patients per day

5- Information communication transmission facility

6- Number of computers, laptops, scanners, printers, softwares and other accessories specialty wise and total with configuration updated when?

No. of computers: 2 No. of laptops: 12

7- Number of book titles, volumes, journals, national and international

No. of books in department library: 73 No. of books in central library: 260

Digital IOPA (using both CMOS sensorand Phosphor storage plates)

No. of journals in central library: 27

8-Library, budget and timings

Library timing from 8 am to 7 pm.

9- Organization of learning resources

10- Organization of website and frequency of update

11- Infrastructure for co-curriular activities

Various implant and laser courses are conducted to update and enhance clinical skills.

All India students dental conference was conducted in our college.

12- Community integration of cirrculum

Dental camps and awareness program conducted regularly.

13-Teaching aids

Lectures, Seminars, Chair side discussions, Group Discussions, Power point Presentations, Assignments, OHP Presentations, Peer teaching, Designed Clinical Skill Enhancement Programmes, Interdisciplinary Case discussions

14- Mobile dental clinic

available in the college

DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY

Additional inputs for dental institution

Criteria II: Teaching learning and evaluation education

- Complete timetable for all years- Maintained in the department
- Post graduate training Day log book
 Updated PG Training log book maintained in department.
- Clinical competency speciality wise
 - PG IIIrd year: Performed independently all minor surgeries and certain major surgeries.
 - PG IInd year: Performed minor surgeries independently and assisting major surgeries.
 - PG Irst year: Performed the routine extractions and assisting the senior PGs as well as faculties.
 - UG: Does the specified quota of clinical work under the guidance of staff.

- Organization of clinical training
 - Orientation, theoretical explanation and pre clinical work with models.
 - PG Ist year: OP conducting, minor extractions basic science theory class, dissection of cadavers, observation of OT cases and preparing pre clinical work.
 - PG IInd year: Peripheral posting in various medical departments and super specialty like General medicine, General surgery, plastic surgery, Onco surgery, Radiodaignosis and anesthesia. Performed minor surgery assisting OT cases and conducting theory class for third year UG.
 - PG III year: Performed minor surgery independently and certain major surgeries and assisting. Taking theory classes for final year BDS.
- Academic monitoring process.
 - UG students:
 - a) Periodic evaluation of practical work, completing the prescribed quota of extraction, seminars, case history and case discussions- Student record.
 - b) Conducting internal exam thrice in the final year and model practical exam along with the final internal exam.
 - PG students:
 - a) Maintaining a individual log book for the practical work done.
 - b) Preclinical works done
 - c) Periodic seminars, journal club and case discussion evaluated.
 - d) Conducted mock exams at the end of part I.
 - e) Two model exam including theory and practical at the end of part II.
- Ratio of number of dental chairs and the students in clinic.
 - PG 1:1
 - UG -4:1
- Number of procedures in the clinic per month and year
 - List maintained in the Department.
 - Preclinical laboratory exercises assigned, though not a regulatory requirement.

- Suturing exercise done with sponges for undergraduate students as well as demonstration of chair and patient position with phantom job apparatus.
- PG's: Wiring exercise in the cast, suturing exercise in the sponges and various surgical procedures and fracture treatment in in-vitro skulls.
- Clinical teaching
 - PG IIIrd year: Practical demonstration by HOD and Reader
 - PG Irst and IInd year: Practical demonstration by Readers.
 - UG IIIrd and final year:Practical demonstration by Readers and senior lecturer.
- Dental chairs and distribution
 - PG: 11 chairs
 - UG: 30 chairs
- Average patient attending specialty wise 2400 per month, 25000 per year, patient register maintained in the department.
- Number of hours students spend in clinic
 - UG and PG timetable maintained in the department under KUHS guidelines.
- Schedule of chair side teaching in clinic.
 - Chair side discussion is done before and after the treatment done.
- Student case sheet and corrected by whom?
 - Student case sheet are corrected by the concerned faculty- Student record and approved by HOD.
- PG skills, how achieved?
 - It will be daily observed by the HOD, Professors during their routine work, handling of various instruments, surgical skills, and management of patients, professional skills in performing surgical procedures efficiently and in time.
- PG knowledge, how achieved?
 - It will be observed and evaluated during clinical case discussion, skills in performing surgery and clinical application of what they refer various journals and text books. Regular conduct of journal clubs, seminars, CDE programs, conferences and discussions.
- Special clinics and their details.
 - Interdisciplinary approach, presentation and discussions.

- OOO club.
- Cleft clinic.
- Orthognathic clinic.
- Academic ambience.
 - Class rooms, seminar rooms, clinics, laboratory, library, hostels and amenity room are facilitated with best environment for academic activity including ICT facility.
- Casualty and emergency training
 - Medical emergency manual exists, Training imparted(BLS training)
- Average attendance of old and new patients
 - List maintained in the department.
- Professional and managerial skills of staff.
 - Good and efficient.
- Professional personality development
 - Faculty improvement programs, observation and correction of students during seminar and presentations.
- Innovation in learning experience
 - Will be done clinically new techniques for treatments as well as using recent advanced equipments and instruments Eg, Lasers, Stryker saws, modern anesthetic instruments.

Services

- Services offered Fact data sheet
- Patient education and informed decision. Patient and bystander are verbally appraised the need for performing the procedure and its consequence including the expenses for minor surgery. For major surgery consent form is signed by the patient as well as a witness.
- Patient re-assessment schedule- Follow up schedule is mentioned in OP card.
- Imaging services, processes- OMR department and network by SIDEXIS software.
- Radiation safety measures and compliance- Not relevant.
- Multidisciplinary patient care Oral surgery department has good relation with all other department for the betterment of patient care.
- Dental records- Case sheets, radiographs including IOPA, lateral ceph etc. dental stone plaster cast, biopsy reports, hard tissue microtome reports. Files,

- CDs Case and models, Photographs and Registers (OP register, minor surgery register, major surgery files, OT register etc.)
- Patient referral procedures- Internal reference based on case requirement. Onco surgical cases are referred to RCC. Super specialty cases referred to KIMS, JUBILEE MISSION HOSPITAL and SCTIMST.
- Patient and family rights during patient care.
 Public awareness board displayed on the premises.
- Cardiopulmonary resuscitation facility- Department ICU is having all modern facility.
- Vulnerable and physically challenged cases- Facilities like wheel chair, trolley, stretcher, lift, portable dental chair etc. available.
- Rehabilitative service- Both psychological and physical rehabilitation after surgery.
- Nutritive therapy- For deficiency diseases nutritional deficiencies drugs are indicated.
- Patients satisfaction- College is having public relation department. They collect the feedback and analyze.
- Pharmacy- Under construction.
- Storage of chemicals and drugs-Store is available
- Dispensing medication- Required medicines are prescribed.
- Radioactive and investigational drug administration- Nil
- Infection control program Adhering to strict norms.
- Patient care management- Done efficiently.
- Compliance to regulation- All statutory regulatory requirements are fully complied.
- Clinical trial and research- NIL
- Community education and service Camps and awareness programs conducted regularly.

Criteria IV: Infrastructure and learning resources

- Infrastructure for curricular activities –DCI file.
- Space and equipment- Department inventory register and DCI file.
- Dental chairs in clinic- PG(11),UG(30)
- New and old patients-
- Information communication transmission facility- Available.
- Number of computers , laptops , scanners , printers , softwares and other accessories- specialty wise and total with configuration updated when?

- Browsing centre and broadband facility.
- Number of books titles, volumes, journals, national and international Central library list and departmental library list CL:243 DL:84
- Library, budget and timings Two libraries, budget allocated by the office and timing (8:00am-5:00pm)
- Organization of learning resources.
- Organization of website frequency and update.
- Infrastructure for co- curricular activities.
- Community integration of curriculum.
- Teaching aids-Specialty wise
- Cadavers, Bone skulls, Phantom Heads, OT. ICU etc;
- Mobile dental clinic.

Department of Conservative dentistry and Endodontics Additional inputs for dental education

CRITERIA II: - TEACHING LEARNING AND EVALUATION EDUCATION

1. Complete time table for all years:

UG & PG year wise time tables are maintained in the department

2. Post graduate training – Day log book:

• As per the DCI & KUHS guidelines log book is maintained by individual PG student, monitored by staff in-charge daily and supervised by PG guide and HOD weekly.

3. Clinical competency:

• Clinical competency for BDS course:

Procedure		&II I re Cli				III I	BDS		IV	BDS	Pai	rt I	IV	BDS	S Par	rt II	I	nterr	ship	,
Class I,	PI	P A	A	О	P I	P A	A	О	P I	P A	A	О	P I	P A	A	О	P I	P A	A	О
Class II Amalgam restorations	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$				\checkmark											
Class III,V – Glass Ionomer restorations	$\sqrt{}$	$\sqrt{}$			$\sqrt{}$			$\sqrt{}$	$\sqrt{}$								V			

Class III,IV,V - composite restorations				$\sqrt{}$		 $\sqrt{}$	 $\sqrt{}$		V		
Root canal treatment of anterior and premolar teeth				√		 V	 		V	√	

PI – performed independently(under supervision),PA-performed with assistance, A- assisted, Observed - O

• Clinical competency for MDS students:

Procedure		MDS I		r	-	MDS 2	2 nd year	r		MDS 3	3 rd year	r
Class I, Class	PI	PA	A	О	PI	PA	A	О	PI	PA	A	О
II,Class V – amalgamresorations				$\sqrt{}$	$\sqrt{}$				$\sqrt{}$			
Class III,V – Glass ionomer cement restorations	$\sqrt{}$			$\sqrt{}$	$\sqrt{}$				$\sqrt{}$			
Class III,IV, V – compositerestarations	$\sqrt{}$			$\sqrt{}$	$\sqrt{}$							
Complex amalgam restorations		$\sqrt{}$		$\sqrt{}$	$\sqrt{}$				$\sqrt{}$			
Root canal treatment Anterior teeth	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$				V			
Root canal treatment posterior teeth		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$				$\sqrt{}$			
Bleaching – home, vital teeth, non- vital tooth		V	$\sqrt{}$	V	$\sqrt{}$	V			$\sqrt{}$			
Post and core restorations		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			$\sqrt{}$			
Indirect restorations – Inlays and onlays, veneers		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			$\sqrt{}$			
Full Crown restorations	\checkmark	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			\checkmark			
Vital pulp therapy												
Surgical endodontics				$\sqrt{}$	$\sqrt{}$							
Esthetic rehabilitation			$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$				$\sqrt{}$		

PI-Performed Iindependently(under supervision),PA-Performed with Assistance, A-Assisted,O-Observed

4. Organization of clinical training:

It is organized as per KUHS guidelines

• Organization of clinical training for BDS students:

I BDS and II BDS - Pre - clinical training:

200 hours of Pre - clinical training on phantom head to achieve skills to perform various restorative procedures ending with Pre – Clinical conservative dentistry & Endodontics KUHS examinations.

- Plaster model exercises 12
- Typodont exercises 30
- Natural teeth exercises 10
- Demonstrations of
 - 1. Composite restorations
 - 2. GIC restorations
 - 3. Anterior root canal treatment

III BDS, IV BDS Part I, IV BDS Part II, and Internship – Clinical training

160hours of theory classes and **370** hours of clinical training and to perform various basic restorative and endodontic therapy.

Protocol for each procedure:

Demonstration, case history, case discussion, step by step evaluation, post-operative instructions and follow-up of:

- O Class I and Class II Amalgam restorations
- o Class III and V Glass Ionomer restorations
- o Class III,IV and V Composite restorations
- o Anterior root canal treatments

• Organization of preclinical training for MDS students:

Pre-Clinical Exercises (As prescribed by DCI and KUHS guidelines and described in the department manual)

- Exercise on Plaster Models
- Sectioning of Extracted Teeth
- Access Cavity Preparations(under magnifying loupe)
- Endodontics Exercises On Extracted Teeth (under magnifying loupe)
- Exercises on Typodont
- Exercises on Extracted Teeth
- Crown Preparation

• Organization of clinical training for MDS students:

The yearly distribution of clinical work to be completed by a PG student is as follows:

- First Year:
 - Anterior aesthetic restorations-GIC, Composite 30 cases
 - Anterior Endodontics 30 cases
 - Amalgam fillings Pin retained and bonded amalgams 20 cases
 - Management of deep caries lesion-Pulpotomy, pulp Capping 20 cases
 - Apexification and Apexogenesis 5 cases
- Second Year:
 - Cast restorations-inlays and Onlays 20 cases
 - Direct posterior tooth colored restorations 20 cases

- Bleaching-Vital and non-vital 10 cases each
- Post and core restorations-Prefabricated [light transmitting and metal] -10 cases each
- Core build up and full crown 15 cases
- Anterior and posterior endodontics 50 cases
- Rotation Posting of 15 days each in
 - 1. Periodontics
 - 2. Prosthodontics
 - 3. Oral surgery
- 3. Third Year:
 - Aesthetic and functional rehabilitation of complex conditions [such as amelogenesisimperfecta] 5 cases
 - Complex cases with multi-disciplinary approach-Endo-perio cases-10 cases
 - Surgical Endodontics- Apicoectomy-10 cases
 - Post and core fabrication custom made and cast-
 - 1. Anterior -15 cases
 - 2. Posterior -5 cases
 - Veneer -5 cases
 - Retreatment and fractured instrument removal -5 cases
 - Rehabilitation in cases of endodontic traumatology -15 cases
 - Posterior endodontics difficult cases management -25 cases

5. Academic monitoring process:

Academic monitoring is done in a structured periodic form by conducting

UG students:

- End class test
- Monthly test
- Internal assessment examination
- Yearly seminar presentation during clinical posting
- Model examination

UG student's Clinical assessment monitored by:

- Posting examination
 - o Beginning posting examination
 - o End posting examination

PG student's clinical assessment

- MDS part I
 - o Basic sciences
 - Seminars
 - Monthly tests
 - Model examination
 - o Speciality
 - Discussions
 - Seminar presentations
 - Journal clubs
 - Preclinical work evaluation

- Case presentations
- Clinical work evaluation
- Library dissertation topic selection and approval
- Thesis Topic selection and approval

o MDS II & III

- Seminar presentations
- Journal clubs
- Case presentations
- Clinical work evaluation
- Library dissertation progression and completion
- Thesis presentation progression and completion
- Theory class for UG students
- Mock examinations

6. Ratio of number of dental chairs and students in the clinic

Under-graduation

Chairs: Students = 1.6: 1

Post-graduation

Chairs: Students = 1:1

7. Number of procedures In clinics per month and year

Lists maintained in the department

8. Preclinical laboratory experiences:

PG students are advised to complete and submit their prescribed pre-clinical works before starting clinical cases. (Details described as in Department Manual)

9. Clinical teaching:

- UG students have chair side discussions for case history taking and restorative procedures.
- PG students have case history presentation and chair side discussion before any clinical treatment procedures.

10. Dental chair and distribution:

PG clinic : 12UG clinic : 34

11. Average patients attending:

- Avg. patient per day: 127
- Avg. patients per month: 3194

12. Number of hours students spend in clinic per day:

- III BDS 3.5 hrs
- IV BDS part I 4.5 hrs
- IV BDS part II 5 hrs
- PG I MDS-7 hrs
- PG II & III MDS 8 hrs

13. Schedule of chair side teaching in clinics:

- UG students: Evaluation done by faculty in-charge for,
 - 1. Case history discussion
 - 2. Step wise procedure monitoring
 - 3. Completed work
 - 4. Postoperative instructions
- PG students: Individual case is discussed with the staff in charge before starting clinical
 procedures. Step wise evaluation done by the staff in-charge under the supervision of
 PG guide until completion.

14. Students case sheets and corrected by whom?

 Student case sheets are corrected by the staff in charge and overall supervision by Professor in charge.

15. PG Skills, how achieved?

As per DCI and KUHS regulations:

- Time bound completion of pre-clinical exercises,
- Step wise discussion of clinical procedures,
- Assisting clinical procedures of other PG students and staff,
- Independently managing clinical cases under supervision of PGguides,
- By attending clinical workshops of specific clinical procedures.

16. PG knowledge ... how achieved?

The curriculum is set as per DCI and KUHS regulations:

- Journal club
- Seminar presentation
- Case discussions
- Theory class for UGs
- Interdisciplinary discussions conducted under:
 - Clinical club
 - Restorative club
 - Cosmetic club
- Attending various CDE programs
- Attending conferences
 - Poster presentation
 - paper presentation
- Attending lectures of national and international faculty
- scientific paper publications in national and international journals
- undertaking research programs
- department and central library with recent journals and books

17. Special clinics and their details:

- Implant clinic (common)
- Laser clinic (common)
- Advanced microsurgery clinic (to be implemented)
- Emergency dental Trauma clinic (to be implemented)

18. Academic ambience:

College is situated in a serene, quiet and calm environment providing perfect atmosphere for curricular, co- curricular and extra-curricular activities, which have facilities like:

- Class rooms with LCD projectors
- Independent seminar rooms for all departments
- Air conditioned lecture halls for CDEs and lecture classes
- Well-equipped clinics
- Preclinical and clinical laboratory
- Department library and a spacious central library with Wi Fi facility
- Separate hostels for girls and boys
- Quarters for staff
- Examination hall with CCTV surveillance and mobile jammer facility
- Spacious Auditorium

19. Casualty and emergency training:

• BLS course attended by PG students and faculty. Kit of emergency drugs are available in the department in case of emergency.

20. Average attendance of new and old patients

New patients: 1671Old patients: 1523

21. Professional and managerial skills for staff

- Patients are efficiently managed by sisters and chair side assistants
- Chair side assistants are given six months training program on patient management skills before posting in the department

22. Professional personality development:

- Professionally conducted personality development programs aimed at improving,
 - Doctor patient relationship
 - Doctor paramedical staff relationship
 - Teacher student relationship
- Batch coordinators for individual year of students.
- Special inputs by faculty to improve communication and other presentation skills of students.
- Full time Clinical Psychologistfor counselling of needy students.

23. Innovations in learning experiences:

Innovative treatment techniques are adopted from new articles in peer reviewed journals or specialty conferences through presentations and discussions at

- a) Departmental level,
- b) Interdisciplinary level.
- Organizing Innovative learning methods like
 - Webinar presentations
 - Live video demo on newer techniques

- Interdisciplinary clubs like
 - o Triple"O" Club
 - o Cosmetic club
 - Restorative club

CRITERIA III :-SERVICES

24. Services offered:

Services offered by department of conservative dentistry include various restorative dental procedures and root canal treatments, the details of which are described in facts data sheet.

25. Patient education and informed decision:

- Patient education is done with the help of,
 - o Verbal appraisal,
 - o Charts.
 - o Models
 - o Pamphlets
 - o Video demonstrations
 - o Health education classes by public health dentistry department in the college
 - School dental camp
 - o Public dental camp
 - o Public awareness programs through audio visual media
 - o Patient is thoroughly educated about the treatment procedure, other treatment alternatives and the cost before undergoing any treatment procedure.
 - o Patient also is motivated about the importance of maintaining oral hygiene.
 - o Informed consent is obtained from the patient before any treatment procedure.
 - A friendly compassionate atmosphere is maintained in the department for the patient to express their dental needs and concerns to the doctor.

26. Patient re assessment schedule:

Follow up schedule as follows

- 1. Restorative
- 2. Root canal treatment
- 3. Surgical Endodontics

After periapical surgery patients are reassessed at 2weeks, 1month, 3 and 6 months interval. After surgical therapy patient is under maintenance phase and is recalled at regular intervals depending on the case for assessment.

27. Imaging services, processes:

Patients are referred to OMR department and images are provided by Sidexissoft ware

28. Radiation safety measures and compliance:

o Safety measures and compliance as maintained in OMR department

29. Multi-disciplinary patient care:

 Multidisciplinary care from all departments is available in the college and patients are referred from department of OMR to other departments depending on individual treatment needs during their first visit.

- Treatment requiring multi-disciplinary treatment approach are identified and discussed with concerned department faculty members for time bond completion of treatment.
- Interdisiplinarytreatments are carried out for
 - o Endo perio
 - o Ortho endo
 - o Surgery endo
 - o Endo prosto

30. Dental records:

- Dental records are prepared by students, Evaluated by staff in charge and Maintained in the student's work log book
- Dentalrecords include case sheets, radiographs, photographs, models and other reports that are recorded for each patient beforeand after performing treatment procedures.
- o **Case sheets are handed** over to the patients at the end of the treatment for future reference.

31. Patient referral procedures:

- Internal reference
 - Interdepartment referrals are also done for complete oral rehabilitation.
- External reference
 - Patients who are medically compromised are referred to the respective physicians/higher centres to get consent about the fitness of the patient for undergoing treatment procedure.

32. Patient and family rights during patient care:

• Patient's Rights:

- o To be treated with respect, consideration, compassion & dignity regardless of your age, gender, race, origin, religion or disabilities.
- o To have full consideration for the dignity & confidentiality in case discussions, examination & treatment.
- A clear & understandable explanation by your doctor / trained staff about your diagnosis, as well as benefits & risks of each treatment & expected outcome.
- o To be informed about pain & pain relief measures in your pain management plan
- o To be involved in the treatment plan.
- o You have the right to make suggestions & express grievances.

• Patient's Responsibilities:

o To keep appointments & be on time for appointments.

- o To provide complete & accurate information about current & past illness, medications & other matters pertaining to your health.
- o To follow the treatment plan recommended by your doctor.
- o To actively participate in your pain management plan & keep your doctors and nurses informed about the effectiveness of treatment.
- You are responsible for your actions if you refuse treatment or do not follow the doctor's instructions.
- o To take care of your belongings.
- o To treat all hospital staff, other patients & visitors with courtesy, dignity & respect & not obstruct staff in performing their assignments.
- o To pay the user charges where applicable prior to treatment
- o To understand all instructions before signing the consent forms.
- o Not to bring any weapons, alcohol or unauthorized drugs in to the hospital.
- Respect the hospital as a "No Smoking Zone"
- o Help to keep the hospital clean & healthy.

33. Cardio pulmonary resuscitation facility:

- BLS course is attended by PG students and teaching faculty. A kit of emergency drugs are available in the department in case of emergency.
- Department of Oral and Maxillofacial Surgery is having ICU with all modern facilities and imparts training on Emergency Medical Management to all departments.

34. Vulnerable and physically challenged patients:

- Special care is given to physically challenged patients and facility for physical assistance like wheel chair, trolley, stretcher, lift and portable dental chair etc. are available.
- Medical consent is obtained from the consultant physician in case of medically compromised patients before doing treatment procedures.
- o Priority treatment is provided for these physically challenged patients

35. Rehabilitative services:

- Full mouth Rehabilitation is rendered to patients by combined treatment approaches from departments of Conservative Dentistry and Endodontics, Prosthodontics and Periodontics
- o Psychological welfare is reassured by proper counselling.

36. Nutritional services:

 Nutritional deficiencies are identified and proper medical referrals are done for rehabilitations.

37. Patient satisfaction:

• College is having a Public Relations Department. They collect patient's feedback by survey and analyze and implement proper corrective measures if required.

38. Pharmacy:

• Under construction.

39. Storage of chemicals and drugs:

• Central store is available as per rules.

40. Dispensing medicine:

• Required medicines are prescribed.

41. Radioactive and investigational drug administration:

• Not applicable

42. Infection control program:

• Strictly followed as per institutional infection control protocol

43. Patient care management:

- Done efficiently by Public Relations department
- Individualized care is ensured by teaching faculty, paramedical staff and students.

44. Compliance to regulations:

• All statutory regulatory requirements are fully complied.

45. Clinical trial and research:

- After approval of institutional ethical committee clinical trials and research projects are undertaken
 - Student projects 9
 - Faculty projects 2

46. Community education and service:

 Dental camps and awareness programs are organized regularly by department of community dentistry and faculty and students from all departments are attending dental camps for patient education and motivation as part of community extension services.

CRITERIA IV:-INFRASTRUCTURE AND LEARNING RESOURCES

47. Infrastructure for curricular activities:

Well-equipped infrastructure including

- Class rooms with LCD projectors
- Independent seminar rooms for all departments
- Air conditioned lecture halls for CDEs and lecture classes
- Well-equipped clinics
- Laboratory
- Department library and a spacious central library with Wi Fi facility
- Separate hostels for girls and boys
- Quarters for staff
- Examination hall with CCTV surveillance and mobile jammer facility

48. Space and equipments:

Adequate space and all modern instruments are available in the department according to DCI requirements.

49. Dental chairs in clinic:

- UG 34
- PG 12

50. New and old patients:

• New patients: 1671

- Old patients: 1523
- **51.** Information communication transmission facilities
 - o Wi-Fi enabled in library
 - o ICT enabled class rooms
 - o Provision for Webinar presentations
- 52. Number of computers, laptops, scanners, printers, soft wares and other accessories-specialty wise and total with configuration –updated when?
 - Number of computers in department : 2
 - Number of laptops in department : 14

53. Browsing center and broadband facility:

• Available at the library

54. Number of book titles, volumes, journals, national and international:

- Number of books in department library: 96
- Number of books in central library: 420
- Number of Journals in Department Library: 1
- Number of Journals in Central Library: 25

55. Library, budget and timings:

- Library working time 8am 7pm
- Budget:

56. Organization of learning resources:

- Library and departments:
 - o Books,
 - o Journals, bound back volumes (print & cd),
 - o e-journals, periodicals,
 - o CDs of books and procedures,
 - o Copies of dissertations
- Excellent ambience for peaceful learning
- Theory classes are handled by experienced teaching faculty
- CDE program
- Clinical clubs and conferences

57. Organisation of website, frequency of update:

• IT department is maintaining and updating website on aweekly basis.

58. Infrastructure for co-curricular activities:

• PG students are attending various implant and laser courses in addition to their normal curricular activities to update and enhance their knowledge in various fields in dentistry.

59. Community integration of curriculum:

- Adoption of primary schools for improvement and awareness of oral care
- Dental camps
- Patient awareness programs

60. Teaching aids:

- Class rooms with LCD projector
- Seminar hall with LCD projector
- Charts
- Models
- Videos
- Pictures
- Power point and multimedia presentations
- Live demonstration

61. Mobile dental clinic:

• A Well - equipped dental van is available in the college

DEPARTMENT OF ORTHODONTICS

Additional inputs for dental institution

Criteria II: Teaching learning and evaluation education

- Complete timetable for all years
 - o UG and PG year wise time table maintained in the department.
- Post graduate training
 - As per DCI and KUHS guidelines the log book is maintained by individual PG students and monitored by staff in charge daily and supervised by the PG guide weekly.
- Under graduate training
 - Daily work register maintained by students and monitored by staff in charge daily and supervised by the H.O.D weekly.
- Clinical competency speciality wise
- Clinical competency for BDS students

Procedure	3 rd year					BDS	Par	t I	Internship				
	PI	PA	A	О	PI	PA	A	О	PI	PA	A	O	

Impression- Upper & Lower	V	$\sqrt{}$	$\sqrt{}$	V	$\sqrt{}$		$\sqrt{}$		
Model preparation	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$				
Cast Analysis		$\sqrt{}$	$\sqrt{}$		$\sqrt{}$				
Case presentation		$\sqrt{}$	$\sqrt{}$		$\sqrt{}$				
Treatment plan	$\sqrt{}$								
Mechanotherapy	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$		$\sqrt{}$		
Appliance fabrication and delivery	$\sqrt{}$	$\sqrt{}$		$\sqrt{}$	$\sqrt{}$		$\sqrt{}$		
Follow up	$\sqrt{}$			$\sqrt{}$					

- PI performed independently(under supervision),PA-performed with assistance, A- assisted, Observed O
- UG :Does the specified quota of clinical work under the guidance of staff.

Clinical competency for MDS students

Procedure	M	DS Is	t yea	r	M	DS 2 ⁿ	d ye	ar	MDS 3 rd year			
Pre-clinical works	PI	PA	A	О	PI	PA	A	O	PI	PA	A	O
		$\sqrt{}$										
Clinical cases					$\sqrt{}$							

- PI performed independently(under supervision),PA-performed with assistance,
- A- assisted, Observed O
 - PG IIIrd year: treating patients with university guidelines. completion of L.D and Thesis as per university guidelines.
 - PG IInd year: treating patients with university guidelines. completion of L.D and Thesis as per university guidelines.
 - PG Irst year :After completing their preclinical works, treating patients with university guidelines .selection of L.D and Thesis topics as per university guidelines.
- Organization of clinical training
 - Orientation, theoretical explanation and pre clinical work with models.
 - PG Ist year: OP conducting, basic science theory class, pre clinical work.

- PG IInd year: conducting theory class for third year UG.
- PG III year: Taking theory classes for final year BDS.
- Academic monitoring process.
 - UG students :
 - a) Periodic evaluation of practical work, completing the prescribed quota of removable appliances, seminars, case history and case discussions- Student record.
 - b) Conducting internal exam thrice in the final year and model practical exam along with the final internal exam.
 - PG students:
 - In general
 - a) Maintaining a individual log book for the practical work done.
 - b) Preclinical works done
 - c) Periodic seminars, journal club and case discussion evaluated.
 - d) Conducted mock exams at the end of part I.
 - e) Two model exam including theory and practical at the end of part II.
 - MDS Ist year
 - a) Basic science seminar presentation, monthly test and model examination.
 - b) Speciality seminar presentation, journal clubs, case presentation, selection and approval of thesis and LD topic and monthly test.
 - MDS 2nd and 3rd year by checklists for seminars, journal clubs, case presentation, progression and completion of LD and thesis, theory class for UG students, clinical work, monthly test and mock exam.
- Ratio of number of dental chairs and the students in clinic.
 - \blacksquare PG 1.2 : 1

- UG 1:1
- Number of procedures in the clinic per month and year
 - DCI file or Fact data sheet.
- Preclinical laboratory experiences
 - UG- they have their training in preclinical works in the second year of BDS course with university guidelines and syllabus.
 - PG- they have their training in preclinical works in the first year of MDS course with university guidelines and syllabus.
- Clinical teaching
 - PG IIIrd year: Practical demonstration by HOD ,Professor and Reader
 - PG Irst and IInd year: Practical demonstration HOD ,Professor and Reader.
 - UG IIIrd and final year: Practical demonstration by Reader and senior lecturers.
- Dental chairs and distribution
 - PG: 11 chairs
 - UG: 18 chairs
- Average patient attending specialty wise 2400 per month,25000 per year, patient register maintained in the department.
- Number of hours students spend in clinic
 - UG and PG timetable maintained in the department under KUHS guidelines.
- o UG students
 - 2 nd years : 4 hours / week in preclinical lab.
 - 3rd year : 3.5 hours/day
 - Final year part I : 4.5 hours/day
- o PG students
 - MDS Ist year : 7 hours/day
 - MDS 2nd year : 8 hours/day
 - MDS 3rd year : 8 hours/day
- Schedule of chair side teaching in clinic.

- Chair side discussion is done before and after the treatment done.
- Student case sheet and corrected by whom?
 - Student case sheet are corrected by the concerned faculty- Student record.
- PG skills, how achieved?
- o As per DCI and KUHS regulation:
 - Time bound completion of pre-clinical exercises
 - Step wise discussion of clinical procedures
 - Assisting clinical procedures of other PG students and staff
 - Independently managing clinical cases under supervision of PG guides
 - By attending clinical workshops of specific clinical procedures
 - It will be daily observed by the HOD, Professors during their routine work, handling of various instruments, management of patients, professional skills in performing treatment procedures efficiently and in time.
- PG knowledge how achieved?
- o As per DCI and KUHS regulation:
 - journal club
 - seminar presentation
 - case discussions
 - theory class for UGs
 - interdisciplinary discussions conducted under:
 - a) clinical club
 - b) restorative club
 - c) cosmetic club
 - attending various CDE programs

- attending conferences
 - poster presentation
 - paper presentation
 - attending lectures of national and international faculty
- scientific paper publications in national and international journals
- undertaking research programs
- department and central library with recent journals and books
- Special clinics and their details.
 - Interdisciplinary approach, presentation and discussions.
 - Cleft clinic.
 - Orthognathic clinic.
- Academic ambience.
- o College is situated in a serene, quiet and calm environment with facilities like
 - Class rooms with LCD projectors
 - Independent seminar rooms for all departments
 - Air conditioned lecture halls for CDEs and lecture classes
 - Well equipped clinics
 - Laboratory
 - Department library and a spacious central library with Wi Fi facility
 - Separate hostels for girls and boys
 - Quarters for staff
 - Examination hall with CCTV surveillance and mobile jammer facility
- Average attendance of old and new patients
 - DCI file

- Professional and managerial skills of staff.
- Patients are efficiently managed by sisters and chair side assistants and chair assistants were given a 6 month training programme on patient managerial skills before posting in the department.
- o Professional personality development

Professionally conducted personality development programs aimed at improving:

- Doctor- patient relationships
- Doctor-paramedical staff relationships
- Teacher-student relationship
- Batch co-ordinator for individual year of students
- Innovation in learning experience
- o Organizing innovative learning methods like:
 - Webinar presentations
 - Live video demonstration of newer techniques
- o Innovative treatment techniques are adopted from new articles in peerreviewed journals or speciality conferences through presentations and discussions at:
 - Department level
 - Inter disciplinary level

o Formation of interdisciplinary clubs like Triple OOO club, cosmetic club and restorative club and clinical club.

Services

- Services are offered by department of orthodontics including various removable, myo - functional and fixed appliances treatment modalities and the details are described in fact data sheet.
- Patient education and informed decision.
 - o Patient education is done with the help of :
 - Verbal appraisal
 - Charts
 - Models
 - Videos of procedures
 - Procedure pamphlets
 - Health education classes by public health dentistry department
 - in the college
 - public dental camps
 - school dental camps
 - public awareness programmes in audio-visual media by faculty
 - o Informed consent is obtained from the patient before any procedure.
 - o A friendly compassionate atmosphere is maintained in the department for the patient to express their dental needs and concerns to the doctor.

- Patient and bystander are verbally appraised the need for performing the procedure and its consequence including the expenses.
- Patient re-assessment schedule- Follow up schedule is mentioned in OP card, usually every month appointments and in some cases weekly appointments or as required in the individual case.
- Imaging services, processes- OMR department and network by SIDEXIS software.
- Radiation safety measures and compliance- Not relevant.
- Multidisciplinary patient care
 Department has good relation with all other department for the betterment of patient care.

Multidisciplinary care from all departments is available in the college and patient's are referred from department of OMR to other departments depending on individual treatment needs during their first visit.

- Treatments requiring multidisciplinary approach are identified and discussed with the concerned department faculty and time bound completion of treatment is ensured.
- o Interdisciplinary treatments are carried out for:
 - Ortho Endo
 - Ortho- perio
 - Ortho –OMFS(Routine extractions, orthognathic surgeries & cleft cases)
 - Ortho -prostho (Prosthesis and implant)
- Dental records
 - o Dental records are prepared by students, evaluated by the faculty in charge and maintained in the students work log book.

- o Dental records include OP cards , Case sheets, radiographs including lateral ceph ,O.P.G , IOPA , etc. dental stone plaster cast. Case Files , pretreatment and stage models of each patients , pretreatment and stage Photographs and Depatrment Register (OP register.)
- OP cards are handed over to the patient at the end of treatment for future use.
- Patient referral procedures Inter- department referrals are done for complete oral rehabilitation.
- o External reference
 - Patients who are medically compromised are referred to the respective physicians/higher centres to get consent about the fitness of the patient for undergoing treatment procedure.
- Patient and family rights during patient care.

Patient's Rights

- o To be treated with respect, consideration, compassion & dignity regardless of their age, gender, race, origin, religion or disabilities.
- To have full consideration for the dignity & confidentiality in case discussions,
 examination & treatment.
- A clear & understandable explanation by your doctor / trained staff about your diagnoses, as well as benefits & risks of each treatment & expected outcome.
- O To be informed about pain & pain relief measures in your pain management plan

- o To be involved in the treatment plan.
- o You have the right to make suggestions & express grievances.

Patient's Responsibilities

- o To keep appointments & be on time for appointments.
- To provide complete & accurate information about current & past illness,
 medications & other matters pertaining to your health.
- o To follow the treatment plan recommended by your doctor.
- To actively participate in your pain management plan & keep your doctors and nurses informed about the effectiveness of treatment.
- You are responsible for your actions if you refuse treatment or do not follow the doctors instructions.
- o To take care of your belongings.
- o To treat all hospital staff, other patients & visitors with courtesy, dignity & respect & not obstruct staff i n performing their assignments.
- o To pay the user charges where applicable prior to treatment.
- o To understand all instructions before signing the consent forms.
- o Not to bring any weapons, alcohol or unauthorized drugs in to the hospital.
- Respect the hospital as a "No Smoking Zone"
- O Help to keep the hospital clean & healthy.

- Vulnerable and physically challenged cases
- Special care is given to physically challenged patients and facility for physical assistance like wheel chair, trolley, stretcher, lift and portable dental chair etc. are available.
- Medical consent is obtained from the consultant physician in case of medically compromised patients before doing treatment procedures.
- o Priority treatment is provided for these special care patients.
- Rehabilitative service
- Full mouth oral rehabilitation is rendered to the patients by combined treatment approaches from departments of orthodontics, periodontics, prosthodontics, conservative dentistry and endodontics and oral and maxillofacial surgery.
- o Psychological welfare is reassured by proper counseling.
- Nutritive therapy
- Nutritional deficiencies are identified and proper medical referrals are done for rehabilitation.
- Patients satisfaction
- College is having public relation department. They collect the feedback by survey and implement proper corrective measures if required.
- Pharmacy
- o Under construction
- Storage of chemicals and drugs

- o Central store is available as per rules
- Dispensing medication
- o Required medicines are prescribed
- Radioactive and investigational drug administration
- o Not applicable
- Infection control program
- o As per institutional infection control protocol.
- Patient care management
- o Done efficiently by public relations department.
- Compliance to regulation
- o All statutory regulatory requirements are fully complied.
- Clinical trial and research
- After the approval of institutional ethical committee clinical trial and research projects are undertaken:

ongoing research projects:

- Student projects 9 (completed -3, ongoing 6)
- Department projects 1
- Community education and service
- o Dental camps and awareness programs are organized regularly by department of community dentistry and faculties and students from various departments

are attending dental camps for patient education and motivation as part of community extension services.

Criteria IV: Infrastructure and learning resources

- Infrastructure for curricular activities
 - o Excellent infrastructure including:
 - Class rooms with LCD projectors
 - Independent seminar rooms for all departments
 - Air conditioned lecture halls for CDEs and lecture classes
 - Well equipped clinics
 - Laboratory
 - Department library and a spacious central library with Wi Fi
- Space and equipments
 - Space and all modern instruments and equipments are available in the department according to DCI requirements.
- Dental chairs in clinic- PG(11),UG(18)
- New and old patients- DCI file
- Information communication transmission facility
 - o College website is updated regularly, Wi Fi enabled library and ICT enabled class and provision for webinar presentation available.
- Number of computers -1
- laptops 14
- scanners -1
- printers –1
- softwares and other accessories-sidexis, kaspersky anti virus
- Number of books titles, volumes, journals, national and international

- o Number of books in department library: 150
- o Number of books in central library: 240
- o Number of journals in department library : nil
- o Number of journals in central library: 12
- Library, budget and timings
 - Department library and central library with Wi Fi is available in the college and library budget is allocated by the office. Library timing is from 8am to 7pm.
- Organization of learning resources
 - o Central and department library with:
 - Books
 - journals, back volumes in hard and soft copies
 - e- journals
 - periodicals
 - CDs of books and procedures
 - Copies of dissertations
 - o Excellent ambience for peaceful learning
 - o Theory class by experienced teaching faculties
 - o CDE programmes, clinical clubs and conferences
- Organization of website and frequency of update
 - o College website is properly organized and updated regularly

• Infrastructure for co- curricular activities

- O PG students are attending various orthognathic surgical case discussions by eminent faculty, micro implant and laser courses in addition to their normal curricular activities to update and enhance their knowledge in various fields in dentistry.
- Community integration of curriculum.
 - o Dental camps
 - o Patient awareness programs
 - o School adoption for improvement in awareness of oral care
- Teaching aids-Specialty wise
 - o Class rooms with LCD projector
 - o seminar hall with LCD projector
 - o Charts
 - o Models
 - Videos
 - o Power point and multimedia presentations
 - o Live demonstrations
- Mobile dental clinic
 - o A well equipped mobile dental clinic is available in the college.

DEPARTMENT OF PROSTHODONTICS

Criteria II: <u>Teaching learning and evaluation</u> Education

- Complete time table for all years: Maintained in the department
- **Post graduate training day log book :** Maintained in the department
- Clinical competencies –

POST GRADUATE STUDENTS

Clinical competency for BDS students

Procedure	3^{rd} y	ear			IV B	DS Pa	art I		IV B	DS Pa	art II		Inter	nship		
	PI	PA	A	О	PI	PA	A	О	PI	PA	A	О	PI	PA	A	О
R.P.D		V				$\sqrt{}$				V				$\sqrt{}$		
C.D	$\sqrt{}$	V			V	V				V			$\sqrt{}$	V		
F.P.D				V				V				V				$\sqrt{}$
IMPLANT																

PI - performed independently(under supervision),PA-performed with assistance, A- assisted, Observed - O

Clinical competency for MDS students

Procedure	I M	DS			II M	IDS			III N	ИDS				
	PI	PA	A	О	PI	PA	A	О	PI	PA	A	О		
R.P.D	V				V				V					
C.D														
F.P.D			$\sqrt{}$		1	$\sqrt{}$			$\sqrt{}$					
IMPLANT&MAXILLO FACIAL PROSTHESIS				$\sqrt{}$			V			$\sqrt{}$				

PI – performed independently(under supervision),PA-performed with assistance, A- assisted, Observed - O

Organization of clinical training

Organization of clinical training for BDS students

Organization of	CIIIIICa.	i ii aiiiiiiig	5 101 1	0003	tuuciits							
Procedure	(3 rd year		IV	BDS Pa	rt I	IV E	BDS Part	II	Iı	nternship	
	DI	DE	PI	DI	DE	PI	DI	DE	PI	DI	DE	PI
RPD	V	1	V			V			V			V
C.D	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			V			V			
FPD												
IMPLANT												

DI – discussion, DE- demonstration, PI – performed independently

Organization of clinical training for MDS students

Procedure		I MDS			II MDS			III MDS	S
	DI	DE	PI	DI	DE	PI	DI	DE	PI
RPD	V	√	1			V			$\sqrt{}$
C.D	V	1	1			V			V
FPD	V	\ \				V			1
IMPLANT	V	V		V	V				1

DI – discussion, DE- demonstration, PI – performed independently

Academic monitoring process

Under graduate:

Evaluated academically in a structured periodic form

End class test

Monthly test

Internal assessment examination

Yearly seminar presentation during clinical posting

Post graduate:

MDS I ST YEAR

- a) Basic science seminar presentation, monthly test and model examination
- b) Speciality seminar presentation, journal club, case presentation, monthly test.

MDS IInd and IIIrd year - seminars, journal clubs, case presentation, progression and completion of LD and thesis, theory class for UG students, monthly test and mock exam.

• Ratio of no: of dental chairs and students

Post graduate: 1: 1

Under graduate: 1.6: 1

• Number of procedures in clinics per month per year 2011

Average per month - 968

Total year -11621

<u>2012</u>

Average per month - 1062

Total year -12746

2013

Average per month - 843

Total year -10213

• Pre-clinical laboratory exercises

MDS PRECLINICAL EXCERCISES

Complete Denture

- 1. Special tray with spacer in autopolymerizing resin
- i. Maxillary
- ii. Mandibular
- 2. Occlusal rims on maxillary and mandibular permanent bases
- 3. Teeth arrangement
- i. Class I
- ii. Class II
- iii. Class III with posterior cross bite
- iv. Balanced arrangement of teeth (Class I)
- 4. Acrylized balanced complete denture (Class I)

Removable Partial Denture

- 1. Surveying, designing and wax pattern on mandibular and maxillary casts
- i. Kennedy Class I
- ii. Kennedy Class II
- iii. Kennedy Class III
- iv. Kennedy Class IV
- 2. Complete laboratory steps in the fabrication of anyone class of partial denture

Fixed Partial Denture

Preparation of natural teeth mounted on a phantom head

- 1. Full crown
- i. Anterior
- ii. Posterior
- 2. Partial veneer crown

- i. 34th crown on Canine
- ii. 34th crown on Premolar
- iii. Proximal half crown on mandibular second molar
- iv. 7/8th crown maxillary first molar
- 3. Preparation for porcelain laminate veneer

Maxillary central incisor

Implant dentures

- 1. Preparation of impression tray
- i. Open impression
- ii. Closed impression
- 2. Surgical guide for implant placement
- 3. Fabrication of radiographic template

UNDER GRADUATE

Laboratory steps related to complete denture

- 1. Impression and model preparation
- 2. Preparation of special trays in base plates trimmed margin, rolled margin, reinforced.
- 3. Special tray in self cure resin
- 4. Special tray in heat cure resin
- 5. Preparation of temporary bases
- 6. Preparation of bite blocks
- 7. Mounting the model
- 8. Ideal Teeth setting (Class I) in Three Point Articulator- 5 Numbers
- 9. Fabrication of Complete Denture in Acrylic- 1
- 10. Repair of fractured Denture

Laboratory steps related to partial denture

- 11.Fabrication of Acrylic Partial Denture class I, class II, class III, class IV (Kennedy)
- 12. Surveying a model
- 13 .Preparation RPD wax pattern on casts (class I, class II, class III & class IV)

Maxillofacial Prosthesis

- 14. Preparation of Obturators
- 15 Preparation of occlusal splint
- 16 Preparation of gunning splint

Fixed Prosthodontics

17. Preparation of individual crowns on large sized teeth – jacket crown, anterior. Full crown, posterior. Partial veneer crown – anterior. Partial veneer crown – posterior 18 .Preparation of individual crowns ĵon phantom head. Jacket crown

- central incisor

• Clinical teaching

Post graduates - have case history presentation and chair side discussions before each cases.

Under graduates –Have chair side discussions and case history taking for each cases.

Dental chairs and distribution

12 chairs for post graduate students 34 chairs for under graduate students

Average patients statics

2011

Average per month - 968 Total year -11621

2012

Average per month - 1062

Total year -12746

2013

Average per month - 843

Total year -10213

• Number of hours students spend in clinic per day

UNDER GRADUATES

IV BDS part I- 4.5 hrs per day

IV BDS part II- 3.5 hrs per day

III BDS - 3.5 hrs per day

POST GRADUATES

I YEAR – 6.5 hrs per day II YEAR – 6.5 hrs per day III YEAR - 7 hrs per day

• Schedule of chair side teaching in clinic.

- UG students: chair side discussion is done after case history taking and clinical work is evaluated by staff in charge.
- PG students: Individual case is discussed with the staff in charge before starting every cases.

Student case sheet and corrected by whom?

 Student case sheet are corrected by the concerned faculty- in chargeoverall supervision by professor in charge.

• Skills, how achieved?

As per DCI and KUHAS regulations

Time bound completion of pre clinical execises Step-wise discussion of clinical procedures

Assisting clinical procedures of other post graduates and faculty Independent managing of clinical cases under expert supervision Attending clinical workshops of specific clinical procedures.

• PG knowledge...how achieved?

- o As per DCI and KUHS regulation:
 - journal club
 - seminar presentation
 - case discussions
 - theory class for UGs
 - interdisciplinary discussions conducted under:
 - a) clinical club
 - b) restorative club
 - c) cosmetic club
- attending various CDE programs
- attending conferences
 - poster presentation
 - paper presentation
 - attending lectures of national and international faculty

- scientific paper publications in national and international journals
- undertaking research programs
- department and central library with recent journals and books

• Special clinics and their details.

MAXILLO FACIAL CLINIC IMPLANT CLINIC

o Academic ambience. College is situated in a serene, quiet and calm environment

with facilities like

- Class rooms with LCD projectors
- Independent seminar rooms for all departments
- Air conditioned lecture halls for CDEs and lecture classes
- Well equipped clinics
- Laboratory
- Department library and a spacious central library with Wi Fi facility
- Separate hostels for girls and boys
- Quarters for staff
- Examination hall with CCTV surveillance and mobile jammer facility

· Casualty and emergency training

BLS course attended by faculty &PG students and emergency drugs are available in the department in case of emergency.

- Average attendance of old and new patients
- <u>2011</u>
- Average per month 968
- Total year -11621
- <u>2012</u>
- Average per month 1062
- Total year -12746

• <u>2013</u>

- Average per month 843
- Total year -10213

• Professional and managerial skills of staff.

Patients are efficiently managed by sisters and chair -side assistants Chair -side assistants were given six months training program me on patient managerial skills before posting in the department.

• Professional personality development

- Personality programme aimed at improving
 - o Improving doctor patient relationship
 - o Doctor chair-side relationship
 - o Teacher student relationship
 - o Batch co-ordinators for individual year of students

• Innovation in learning experiences

Innovative treatment techniques are adopted from new articles in peer reviewed journals or specialty and conferences through departmental presentations and discussions at departmental and interdisciplinary level

Organizing Innovative learning methods like

- Webinar presentations
- o Live video demo of newer techniques
- o Interdisciplinary clubs cosmetic club, triple "O" club, restorative club

Services

- **Services offered** Fact data sheet
- Patient education and informed decision.

Patient education is done with the help of

- o Verbal appraisal
- o Charts
- o Models
- o Pamphlets
- Video demonstrations
- o Health education classes by public health dentistry department in the college, school dental camps, public dental camp, audio-visual media.

Patient and bystander are verbally appraised the need for performing the procedure and its consequence including the expenses for minor surgery. For major surgery consent form is signed by the patient as well as a witness.

Patient re-assessment schedule-

Follow up schedule is as follows

RPD – 1st week, every year thereafter

FPD - every 6 months

 $CD - 1^{st}$ week, one month, every year thereafter.

IMPLANT – every 3 months for the first year, every year there after

- **Imaging services, processes** OMR department and network by SIDEXIS software.
- Radiation safety measures and compliance- Not relevant.

• Multidisciplinary patient care-

Multi-disciplinary care from all departments is available in the college and patients are referred from department of OMR to other department depending on individual treatment needs during their first visit

Inter disciplinary treatments -we offer post endodontic restorations for conservative department patients. We consult with oral surgery department for all our surgical advices and needs. All implant cases are done after group disscussions & case presentation in the presence of faculties from periodontics and oral surgery department.

Dental records-

Dental records are prepared by students and evaluated by faculty in-charge Maintained in the student log book

Case sheets, radiographs, dental models, , Photographs and other reports are recorded for each patient before and after doing surgical cases

Case sheets are handed over to the patients at the end of the treatment for their future use.

• Patient referral procedures

Patients who are medically compromised are reffered to the respective physicians/higher centers to get consent about the fitness of the patient for undergoing treatment procedure

Internal reference

interdepartmental refferals are also done for complete oral rehabiltation.

Patient and family rights during patient care.

Patient's Rights

- 1 To be treated with respect, consideration, compassion & dignity regardless of your age, gender, race, origin, religion or disabilities.
- 2 To have full consideration for the dignify& confidentiality in case discussions, examination & treatment.
- 3 A clear & understandable explanation by your doctor / trained staff about your diagnoses, as well as benefits & risks of each treatlment & expected outcome.
- 4 To be informed about pain & pain relief measures in your pain management plan
- 5 To be involved in the treatment plan.
- 6 You have the right to make suggestions & express grievances.

Patient's Responsibilities

- 1 To keep appointments & be on time for appointments.
- 2 To provide complete & accurate information about current & past illness, medications & other matters pertaining to your health.
- 3 To follow the treatment plan recommended by your doctor.
- 4 To actively participate in your pain management plan & keep your doctors and nurses informed about the effectiveness of treatment.
- 5 You are responsible for your actions if you refuse treatment or do not follow the doctor's instructions.
- 6 To take care of your belongings.
- 7 To treat all hospital staff, other patients & visitors with courtesy,

dignity & respect & not obstruct staff i n performing their assignments.

- 8 To pay the user charges where applicable prior to treatment.
- 9 To understand all instructions before signing the consent forms.
- 10 Not to bring any weapons, alcohol or unauthorized drugs in to the hospital.
- 11 Respect the hospital as a "No Smoking Zone"
- 12 Help to keep the hospital clean & healthy.
 - Cardiopulmonary resuscitation facility-

BLS course attended by PG students and emergency drugs are available in the department in case of emergency. Department of oral and maxillofacial surgery is having ICU with all modern facilities.

Vulnerable and physically challenged cases-

Special care is given to physically challenged patients and facilities like wheel chair, trolley, stretcher, lift, portable dental chair etc. available.

Medical consent is obtained from the consultant physician in case of medically compromised patients

Priority treatment is provided for these physically challenged patients.

- **Rehabilitative service-**full mouth rehabilatitive services is rentered to the patient by combine treatment approaches from departments of prosthodontics, periodontics, conservative dentistry
 - Psychological welfare is reassured by proper counseling
- **Nutritive therapy-**nutritional deficiencies are identified and proper referrals are done for rehabilitation
- **Patients satisfaction-** College is having public relation department. They collect the feedback by surveyand analyze and implement proper corrective measures if required.
- **Pharmacy-** Under construction.
- Storage of chemicals and drugs- central Store is available as per rule.
- **Dispensing medication-**required medicines are prescribed.

- Radioactive and investigational drug administration- Not applicable
- **Infection control program** Adhering to norms of institutional protocol.
- **Patient care management** Done efficiently by the public relations department.
- **Compliance to regulation-** All statutory regulatory requirements are fully complied.
- Clinical trial and research

Clinical trial - after approval of institutional ethics commitee

Research – there are 3 projects which are ongoing and finished

• Community education and service – denture Camps and awareness programs are organized regularlyby the department of community dentistry and students from all departments are attending dental camps during their MDS course for patient education and motivation as part of community extension services

Criteria IV: Infrastructure and learning resources

- Infrastructure for curricular activities
 - Excellent infrastructure including :
 - Class rooms with LCD projectors
 - Independent seminar rooms for all departments
 - Air conditioned lecture halls for CDEs and lecture classes
 - Well equipped clinics
 - Laboratory
 - Department library and a spacious central library with Wi Fi

• Space and equipments

- Space and all modern instruments and equipments are available in the department according to DCI requirements.
- Dental chairs in clinic-

PG -11, UG - 34

- New and old patients-op register
- Information communication transmission facility-

Wi-Fi enabled in library

ICT enabled class room

Provision for webinar presentation

- Number of computers ,laptops , scanners , printers , softwares and other accessories
 - o Number of computers in department : 1
 - o Number of laptops in department: 14
- Browsing centre and broadband facility.- available
- Number of books titles, volumes , journals, national and international
 - o Number of books in department library: 167
 - o Number of books in central library: 295
 - o Number of journals in central library: 25

Library, budget and timings

 Department library and central library with Wi Fi is available in the college and library budget is allocated by the office. Library timing is from 8am to 7pm.

• Organization of learning resources

- o Central and department library with:
 - Books
 - journals, back volumes in hard and soft copies
 - e- journals

- periodicals
- CDs of books and procedures
- Copies of dissertations
- o Excellent ambience for peaceful learning
- Theory class by experienced teaching faculties
- o CDE programmes, clinical clubs and conferences

• Organization of website frequency and update.

IT department is maintaining and updating website on weekly basis.

• Infrastructure for co- curricular activities.-

well-equippedinfra-structure including

Class rooms with ICT

Seminar rooms

Well-equipped UG and PG clinics

Central and departmental library

Air conditioned halls well equipped clinics,

State of the art dental laboratory,

Spacious central library with WI-FI facility,

Separate hostels for boys and girls,

Examination halls with CCTV surveillance and mobile jammer. And amenity room

Community integration of curriculum.

- Dental camps
- o Patient awareness programs
- o School adoption for improvement in awareness of oral care

Teaching aids-

- o Class rooms with LCD projector
- o seminar hall with LCD projector

- o Charts
- o Models
- o Videos
- o Power point and multimedia presentations

Live demonstrations

• Mobile dental clinic. –

well equipped mobile dental van is available.

DEPARTMENT OF PERIODONTICS

Additional inputs for dental institution:

Criteria II: Teaching learning and evaluation education

- Complete timetable for all years
 - o UG and PG year wise time table maintained in the department.
- Post graduate training
 - As per DCI and KUHS guidelines the log book is maintained by individual PG students and monitored by staff in charge daily and supervised by the PG guide and HOD weekly.
- Clinical competency speciality wise

Clinical competency for BDS students

Procedure		3 rd year			I	/ BD	S Part	t I	IV	BDS	S Part	II		Inter	nship	
Hand scaling	PI	PA	A	О	PI	PA	A	О	PI	PA	A	О	PI	PA	A	О
		$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$				$\sqrt{}$				$\sqrt{}$			
Ultrasonic scaling				$\sqrt{}$			$\sqrt{}$									
Case history taking									$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			
Minor surgical												$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

procedures								

PI – performed independently(under supervision),PA-performed with assistance, A- assisted,

Observed - O

Clinical competency for MDS students

Procedure	MDS 1	Ist yea	ar		MDS 2	2 nd ye	ar		MDS 3	rd yea	r	
	PI	PA	A	О	PI	PA	A	О	PI	PA	A	О
Non-surgical therapy	V				V							
Surgical therapy	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$			$\sqrt{}$			

PI – performed independently(under supervision),PA-performed with assistance,

A- assisted, Observed - O

- Organization of clinical training
- o Organization of clinical training for BDS students

Total theory hours: 80 hours

■ Total clinical hours : 200 hours

- Clinical requirements:
 - a) Diagnosis, treatment planning, and discussion and total periodontal treatment- 25 cases
 - b) Dental scaling, oral hygiene instructions 50complete cases/equivalent
 - c) Sub gingival Scaling and Root Plaining 15 cases
 - d) Assistance in periodontal surgery- 5 cases
- o Organization of clinical training for MDS students

Pre clinical work

- Practice of incision and suturing techniques on typhodont models
- X ray techniques and interpretations
- Local anesthetic techniques

- Basic diagnostic microbiology and immunology, collection & handling samples, culturing techniques.
- Practical training on basic life support devices.
- Basic Biostatistics. Survey & data analysis.

Clinical case requirements:

- Applied periodontal Indices- 10 Cases
- Scaling & Root planning- 50 cases
- Ultrasonic scaling- 50 cases
- Curettage -15 Cases
- Local Drug Delivery -10 cases
- Gingivectomy& Gingivoplasty 5 cases.
- Case history & treatment planning 5 cases.
- Periodontal surgical procedures -70 surgeries
- Implant 1 case
- Academic monitoring process
- o UG students are evaluated academically in a structured periodic form by:
 - End class test
 - Monthly test
 - Internal assessment examination
 - Yearly seminar presentation during clinical posting
 - Model examination
 - o UG students are evaluated clinically by conducting:
 - Endposting examination after each clinical posting
 - Internal assessment examination
 - Model examination

o PG students

- MDS Ist year
 - a) Basic science seminar presentation, monthly test and model examination.
 - Speciality seminar presentation, journal clubs, case presentation,
 selection and approval of thesis and LD topic and monthly test.
- MDS 2nd and 3rd year by checklists for seminars, journal clubs, case presentation, progression and completion of LD and thesis, theory class for UG students, clinical work, monthly test and mock exam.
- Ratio of number of dental chairs and the students in clinic
 - PG 1:1
 - UG 1.6:1
- Number of procedures in the clinic per month and year
 - UG clinic: 950 (monthly), 11,400 (yearly)
 - PG clinic : 267 (monthly), 3204 (yearly)
- Preclinical laboratory experiences
- PG students are advised to complete and submit their prescribed pre-clinical work both medical and dental before starting clinical cases and details are described in department manual.
- Clinical teaching
- o UG students have chair side discussions for case history taking and scaling.
- PG students have case history presentation and chair side discussion before doing surgical cases.
- Dental chairs and distribution
 - PG clinic: 8

UG clinic : 29

• Average patient attending specialty wise

o Average patient per day: 111

• Number of hours students spend in clinic per day

UG students

■ 3rd year : 3.5 hours/day

• Final year part I : 4.5 hours/day

• Final year part II: 5 hours/day

o PG students

MDS Ist year : 7 hours/day

■ MDS 2nd year : 8 hours/day

MDS 3rd year : 8 hours/day

• Schedule of chair side teaching in clinics

 UG students: chair side discussion is done after case history taking and clinical work is evaluated by staff in charge.

- o PG students: Individual case is discussed with the staff in charge before starting surgical cases.
- Student case sheet and corrected by whom?
- Student case sheets are corrected by the facuty in charge and overall supervision by professor in charge.
- PG skills, how achieved?
- o As per DCI and KUHS regulation:
 - Time bound completion of pre-clinical exercises
 - Step wise discussion of clinical procedures
 - Assisting clinical procedures of other PG students and staff

- Independently managing clinical cases under supervision of PG guides
- By attending clinical workshops of specific clinical procedures
- PG knowledge...how achieved?
- o As per DCI and KUHS regulation:
 - journal club
 - seminar presentation
 - case discussions
 - theory class for UGs
 - interdisciplinary discussions conducted under:
 - a) clinical club
 - b) restorative club
 - c) cosmetic club
 - attending various CDE programs
 - attending conferences
 - poster presentation
 - paper presentation
 - attending lectures of national and international faculty
 - scientific paper publications in national and international journals
 - undertaking research programs
 - department and central library with recent journals and books
- Special clinics and their details
- o Implant clinic (common)
- o Laser clinic (common)
- o Advanced microsurgery clinic (to be implemented)
- Academic ambience

College is situated in a serene, quiet and calm environment providing perfect atmosphere for

curricular, co-curricular and extra-curricular activities with facilities like:

Class rooms with LCD projectors

Independent seminar rooms for all departments

Air conditioned lecture halls for CDEs and lecture classes

Well equipped clinics

Laboratory

Department library and a spacious central library with Wi Fi facility

Separate hostels for girls and boys

Quarters for staff

Examination hall with CCTV surveillance and mobile jammer facility

Spacious auditorium

Casualty and emergency training

o BLS course attended by PG students and emergency drugs are available in the department in

case of emergency.

Average attendance of old and new patients monthly

New patients: 1719

Old patients: 1042

Professional and managerial skills of staff

Patients are efficiently managed by sisters and chair side assistants and chair assistants were

given a 6 month training programme on patient managerial skills before posting in the

department.

Professional personality development

Professionally conducted personality development programs aimed at improving:

Doctor- patient relationships

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- Doctor-paramedical staff relationships
- Teacher-student relationship
- Batch co-ordinator for individual year of students
- Full-time clinical psychologists for becounselling for needy students
- Special inputs by faculty to improve communication and presentation skills of students
- Innovation in learning experience
- o Organizing innovative learning methods like:
 - Webinar presentations
 - Live video demonstation of newer techniques
- Innovative treatment techniques are adopted from new articles in peer-reviewed journals or speciality conferences through presentations and discussions at:
 - Department level
 - Inter disciplinary level
- Formation of interdisciplinary clubs like Triple OOO club, cosmetic club and restorative club and clinical club.

Services

- Services offered
 - Services are offered by department of periodontics including various non-surgical and surgical procedures and the details are described in fact data sheet.
- Patient education and informed decision.
 - o Patient education is done with the help of:
 - Verbal appraisal
 - Charts
 - Models

- Videos of procedures
- Procedure pamphlets
- Health education classes by public health dentistry department
 - in the college
 - public dental camps
 - school dental camps
 - public awareness programmes in audio-visual media by faculty
- o Informed consent is obtained from the patient before any procedure.
- o A friendly compassionate atmosphere is maintained in the department for the patient to express their dental needs and concerns to the doctor.

• Patient re-assessment schedule

After nonsurgical periodontal therapy patients are reassessed at 2weeks, 1month, 3 and 6 months interval. After surgical periodontal therapy patient is under maintenance phase and is recalled at regular intervals depending on the case for assessment of gingival and periodontal status.

• Imaging services, processes

- Patient referred to OMR department and images are provided through sidexis software.
- Radiation safety measures and compliance
 - o As maintained in OMR department
- Multidisciplinary patient care
 - Multidisciplinary care from all departments is available in the college and patient's are referred from department of OMR to other departments depending on individual treatment needs during their first visit.

- Treatments requiring multidisciplinary approach are identified and discussed with the concerned department faculty and time bound completion of treatment is ensured.
- o Interdisciplinary treatments are carried out for:
 - Endo perio
 - Restorative perio
 - Ortho perio
 - Oral pathology perio (biopsy)
 - Perio-OMFS-prostho (implant)

Dental records

- O Dental records are prepared by students, evaluated by the faculty in charge and maintained in the students work log book.
- Dental records include case sheets, radiographs, photographs, models and other reports are recorded for each patient before and after doing surgical cases.
- o Case sheets are handed over to the patient at the end of treatment for future use.

• Patient referral procedures

- Internal reference
 - Interdepartment referrals are also done for complete oral rehabilitation.

o External reference

- Patients who are medically compromised are referred to the respective physicians/higher centres to get consent about the fitness of the patient for undergoing treatment procedure.
- Patient and family rights during patient care

Patient's Rights

- To be treated with respect, consideration, compassion & dignity regardless of your age, gender, race, origin, religion or disabilities.
- To have full cunsideration for the dignify& confidentiality in case discussions, examination & treatment.
- A clear & understandable explanation by your doctor / trained staff about your diagnoses, as well as benefits & risks of each treatment & expected outcome.
- o To be informed about pain & pain relief measures in your pain management plan
- o To be involved in the treatment plan.
- You have the right to make suggestions & express grievances.

Patient's Responsibilities

- o To keep appointments & be on time for appointments.
- To provide complete & accurate information about current & past illness, medications & other matters pertaining to your health.
- o To follow the treatment plan recommended by your doctor.
- To actively participate in your pain management plan & keep your doctors and nurses informed about the effectiveness of treatment.
- You are responsible for your actions if you refuse treatment or do not follow the doctors instructions.
- To take care of your belongings.
- O To treat all hospital staff, other patients & visitors with courtesy, dignity & respect & not obstruct staff i n performing their assignments.
- o To pay the user charges where applicable prior to treatment.
- o To understand all instructions before signing the consent forms.
- o Not to bring any weapons, alcohol or unauthorized drugs in to the hospital.
- Respect the hospital as a "No Smoking Zone"

o Help to keep the hospital clean & healthy.

• Cardiopulmonary resuscitation facility

 BLS course attended by PG students and emergency drugs are available in the department in case of emergency. Department of oral and maxillofacial surgery is having ICU with all modern facilities and imparts training on emergency medical management to all departments.

• Vulnerable and physically challenged cases

- Special care is given to physically challenged patients and facility for physical assistance like wheel chair, trolley, stretcher, lift and portable dental chair etc. are available.
- Medical consent is obtained from the consultant physician in case of medically compromised patients before doing treatment procedures.
- o Priority treatment is provided for these special care patients.

• Rehabilitative service

- Full mouth oral rehabilitation is rendered to the patients by combined treatment approaches from departments of periodontics, prosthodontics and conservative dentistry and endodontics.
- o Psychological welfare is reassured by proper counseling.

• Nutritive therapy

 Nutritional deficiencies are identified and proper medical referrals are done for rehabilitation.

• Patients satisfaction

 College is having public relation department. They collect the feedback by survey and implement proper corrective measures if required.

Pharmacy

- o Under construction
- Storage of chemicals and drugs
 - o Central store is available as per rules
- Dispensing medication
 - o Required medicines are prescribed
- Radioactive and investigational drug administration
 - o Not applicable
- Infection control program
 - o As per institutional infection control protocol.
- Patient care management
 - o Done efficiently by public relations department.
- Compliance to regulation
 - o All statutory regulatory requirements are fully complied.
- Clinical trial and research
 - After the approval of institutional ethical committee clinical trial and research projects are undertaken:

ongoing research projects:

- Student projects 6
- Faculty projects 2
- Part-time PhD projects 1
- Community education and service
 - Dental camps and awareness programs are organized regularly by department of community dentistry and faculties and students from various departments are attending dental camps for patient education and motivation as part of community extension services.

Criteria IV: Infrastructure and learning resources

- Infrastructure for curricular activities
 - o Excellent infrastructure including:
 - Class rooms with LCD projectors
 - Independent seminar rooms for all departments
 - Air conditioned lecture halls for CDEs and lecture classes
 - Well equipped clinics
 - Laboratory
 - Department library and a spacious central library with Wi Fi
- Space and equipments
 - Space and all modern instruments and equipments are available in the department according to DCI requirements.
- Dental chairs in clinic
 - o PG:8
 - o UG:29
- New and old patients per month
 - o New patients:1719
 - o Old patients: 1042
- Information communication transmission facility
 - College website is updated regularly, Wi Fi enabled library and ICT enabled class and provision for webinar presentation available.
- Number of computers, laptops, scanners, printers, softwares and other accessories specialty wise and total with configuration updated when?
 - o Number of computers in department: 1
 - o Number of laptops in department: 12

- Number of books titles, volumes, journals, national and international
 - o Number of books in department library: 83
 - o Number of books in central library: 204
 - Number of journals in department library : 1
 - Number of journals in central library: 24
- Library, budget and timings
 - Department library and central library with Wi Fi is available in the college and library budget is allocated by the office. Library timing is from 8am to 7pm.
- Organization of learning resources
 - o Central and department library with:
 - Books
 - journals, back volumes in hard and soft copies
 - e- journals
 - periodicals
 - CDs of books and procedures
 - Copies of dissertations
 - o Excellent ambience for peaceful learning
 - o Theory class by experienced teaching faculties
 - o CDE programmes, clinical clubs and conferences
- Organization of website and frequency of update
 - o College website is properly organized and updated regularly
- Infrastructure for co- curricular activities
 - PG students are attending various implant and laser courses in addition to their normal curricular activities to update and enhance their knowledge in various fields in dentistry.

- Community integration of curriculum.
 - Dental camps
 - o Patient awareness programs
 - School adoption for improvement in awareness of oral care
- Teaching aids-Specialty wise
 - o Class rooms with LCD projector
 - o seminar hall with LCD projector
 - o Charts
 - Models
 - o Videos
 - Power point and multimedia presentations
 - Live demonstrations
- Mobile dental clinic
 - o A well equipped mobile dental clinic is available in the college.

DEPARTMENT OF PEDODONTICS

Additional inputs for dental institutions

Criteria II: Teaching learning and evaluation education

• Complete Timetable for all years:

Year wise timetable is enclosed herewith for postgraduate students

Common timetable is followed for undergraduate students

• Postgraduate training – day log book

The logbook for postgraduates consists of the work done by them on a daily basis, seminars and journal clubs conducted/attended, conferences and pg conventions attended, CDE programmes and workshops attended, interdepartmental training taken/attended, preclinical exercises, clinical work done, library hours, special case presentations, case discussions with staff members, minor and major dissertations. The logbook is monitored and supervised by the head of department.

• Clinical competencies –specialty wise

Clinical competency for BDS students

Procedure	3rd ye	ar (pre-	clinica	l)		IV BD	S Part I			IV BD	S Part II			Interns	ship	
	PI	PA	A	О	PI	PA	A	0	PI	PA	A	О	PI	PA	A	О
Cavity preparation on typhodont teeth	~															
Case history taking	√				✓											
Topical fluoride application					✓											
Extraction					✓	✓	√	✓					√	✓		
Restoration					✓	✓	✓	✓					✓			
Hand scaling					✓								✓			
Ortho					√	✓	✓	✓					✓	✓		

PI – performed independently(under supervision),PA-performed with assistance, A- assisted,

Observed - O Clinical competency for MDS students

Procedure	MI	OS Ist	year		MDS	2 nd ye	ar		MDS	3 rd ye	ar	
	PI	PA	A	О	PI	PA	A	О	PI	PA	A	О
Case history taking					✓				✓			
Topical fluoride application					✓				✓			
Ultrasound scaling					✓				✓			
Diet counselling					✓				✓			
Pit & fissure sealants					✓				✓			
Extraction					✓				✓			
Restorations					✓				✓			
Direct pulp capping					✓				✓			
Indirect pulp capping					✓				✓			
Pulpotomy			✓	✓	✓	✓	✓	✓	~			
Pulpectomy			~	✓	✓	✓	✓	✓	✓			

Root canal treatment		✓	✓	✓	✓	✓	✓	✓		
Apexification		✓	✓	✓	✓	✓	✓	✓		
Apexogenesis		✓	✓	✓	✓	✓	✓	✓		
Post & core		✓	✓	✓	✓	✓	✓	✓		
Ortho		✓	✓	✓	✓	✓	✓	✓		
Removable		✓	✓	✓	✓	✓	✓	✓		
Fixed		✓	✓		✓	✓	✓	✓		
Habit breaking applns		✓	✓	✓	✓	✓	✓	✓		
Space maintainers		✓	✓	✓	✓	✓	✓	✓		
Space regainers		✓	✓	✓	✓	✓	✓	✓		
Stainless steel crowns		✓	✓	✓	✓	✓	✓	✓		
Other crowns		✓	✓	✓	✓	✓	✓	✓		
Minor oral surgery		✓	✓			✓	✓	✓		
procedures										
General anaesthesia cases						✓	✓	✓		

 $(PI-performed\ independently (under\ supervision), PA-performed\ with\ assistance,\ A-assisted,\ Observed-O)$

- a. Performed independently: After six months of pre-clinical work, the post graduates are allowed to enter the clinics <u>only</u> after appearing for a written theory exam. For the next two months only cases in relation with undergraduate curriculum is given to them. This helps the post graduate to excel and master in basic skills. After this period the postgraduates are given specialty wise cases: pulp therapy, minor surgical cases, orthodontic cases-removable and fixed, space maintainers and regainers (removable & fixed). Patients posted for general anaesthesia are given to postgraduates in their third year, wherein they perform full mouth rehabilitation independently.
- b. Performed with assistance: The junior postgraduates assist the senior postgraduates in specialty cases, especially in minor surgical procedures, major surgical cases, cases under general anesthesia, behavior management of children. The post graduates also assist staff in special cases.
- c. Assisted: The senior postgraduates are assisted by the junior postgraduates, in both clinical as well as OT cases.
- d. Observed: Certain cases performed by staff are observed by post graduates. Cases done by postgraduates are observed by undergraduate students; minor surgical procedures, behavior

management of patients, procedures like pulp therapy, extractions and isolation methods with rubber dam.

• Organization of clinical training:

Procedure	ME	OS I st y	ear	N	IDS 2	2 nd year		MDS	S 3 rd year
	DI	DE	PI	DI	DE	PI	DI	DE	PI
Pre clinical	,		$\sqrt{}$						$\sqrt{}$
Clinical cases		$\sqrt{}$		$\sqrt{}$	$\sqrt{}$				$\sqrt{}$

DI – discussion, DE- demonstration, PI – performed independently (under supervision)

e. In the first year of post graduation, the completion of pre clinical exercises at the end of 6 months is mandatory, followed by a theory paper exam before entry into PG clinics. In the next two months only basic clinical cases pertaining to undergraduate curriculum is given so that the post graduate masters and excels in basic clinical skills like – patient management, preventive procedures: fluoride application, pit & fissure sealants, restorations and extractions. After the first two months in clinics, the postgraduates are given specialty cases: pulp therapy, minor surgical cases, orthodontic cases-removable and fixed, space maintainers and regainers (removable &fixed). Patients posted for general anaesthesia are given to postgraduates in their third year, wherein they perform full mouth rehabilitation independently.

• Academic monitoring process:

- o UG students are evaluated academically in a structured periodic form by:
 - End class test
 - Monthly test
 - Internal assessment examination
 - Yearly seminar presentation during clinical posting
 - Model examination
 - o UG students are evaluated clinically by conducting:
 - Endposting examination after each clinical posting
 - Internal assessment examination
 - Model examination
- o PG students
 - MDS Ist year
 - a) Basic science seminar presentation and model examination.

- b) Speciality seminar presentation, journal clubs, case presentation, selection and approval of thesis and LD topic and monthly test.
- MDS 2nd and 3rd year by checklists for seminars, journal clubs, case presentation, progression and completion of LD and thesis, theory class for UG students, clinical work, monthly test and mock exam.

Exams and chair side viva are conducted on a regular basis. Questions are asked during seminars and journal club for which the postgraduate answers immediately or the student refers the concerned textbook/journals and reverts back with the correct answers. Evaluation sheets are given to staff members by post graduates for assessing their performance during seminars and journal clubs.

Ratio of number of dental chairs and students in the clinic –specialty wise

PG: 1:1, UG: 3:1

• Number of procedures in clinics per month and year.

Month	No. of patients
November 2012	1842
December 2012	1844
January 2013	1884
February 2013	1695
March 2013	2374
April 2013	2002
May 2013	1969
June 2013	1853
July 2013	1915
August 2013	1873
September 2013	1600
October 2013	1828
November 2013	1749
Total for one year:	24428

• Pre clinical laboratory expertise:

According to KUHS university and Dental council of India specifications

Clinical teaching

 Each clinical procedures will be demonstrated and viva will be asked, after which the students perform the procedure. o Further each step will be carefully monitored by the staff member.

• Dental chairs and distribution – specialty wise

o Total number of chairs in undergraduate section: 20 +1

o Total number of chairs in post graduate section: 11

• Average patients attending specialty wise: 30

Number of hour's students spends in clinics per day –specialty wise

o Undergraduate students:

III rd years: average 3.5 hours

Final year: average 4.5 hours

o Post graduate students

MDS Ist Year : 7 hours

MDS IIndYear: 8 hours

MDS IIIrd Year:8 hours

• Schedule of chair side teaching in clinics – specialty wise

- UG students: chair side discussion is done after case history taking and clinical work is evaluated by staff in charge.
- PG students: Individual case is discussed with the staff in charge before starting individual cases.

All cases taken by undergraduate students go through an elaborate process of case history taking which includes personal details of patient, occupation and address of parent/care giver, past medical and dental history, pre-natal, postnatal and family history, diet history, behavior history, development of milestones, immunization schedule, general examination, extra-oral and intra oral examination as well as findings. Diagnostic investigations are prescribed, based on which the students have to conclude with a final diagnosis as well as treatment plan. The treatment plan is recorded under the following headings: emergency management, systemic, preventive and corrective and maintenance and recall. Each clinical procedure will be demonstrated and viva will be asked, after which the students perform the procedure. Further each step will be carefully monitored by the staff member.

All cases allotted to post graduates undergo the same elaborate process of case history taking with the added discussion on each procedure in detail. The students are asked to find out details of every procedure from all pedodontic textbooks and make notes of each procedure with the submission on the next working day. In orthodontic cases a thorough investigation with necessary radiographs, photos and study casts, along with model analysis and

cephalometric evaluation sheets. There is a separate endodontic evaluation sheet as well for patients requiring endodontic management.

Students case sheets and corrected by whom? Specialty wise

Student case sheets are corrected by the staff member with whom the case is discussed by the students.

• Pg skills, how achieved –specialty wise

- As per DCI and KUHS regulation:
 - Time bound completion of pre-clinical exercises
 - Step wise discussion of clinical procedures
 - Assisting clinical procedures of other PG students and staff
 - Independently managing clinical cases under supervision of PG guides
 - By attending clinical workshops of specific clinical procedures

Pg knowledge how achieved –specialty wise

- o As per DCI and KUHS regulation:
 - journal club
 - seminar presentation
 - case discussions
 - theory class for UGs
 - interdisciplinary discussions conducted under:
 - a) clinical club
 - b) restorative club
 - c) cosmetic club
 - attending various CDE programs
 - attending conferences
 - poster presentation
 - paper presentation
 - attending lectures of national and international faculty
 - PG conventions (both state wise and national) ensures increase in knowledge
 - scientific paper publications in national and international journals
 - undertaking research programs
 - department and central library with recent journals and books
 - internet facilities (EBSCO)

Academic ambience

- o College is situated in a serene, quiet and calm environment with facilities like
 - Class rooms with LCD projectors
 - Independent seminar rooms for all departments
 - Air conditioned lecture halls for CDEs and lecture classes
 - Well equipped clinics
 - Laboratory
 - Department library and a spacious central library with Wi Fi facility
 - Separate hostels for girls and boys
 - Quarters for staff
 - Examination hall with CCTV surveillance and mobile jammer facility

• Casualty and emergency training:

- The post graduates are trained to attend to road traffic accident cases as well as sports related injuries involving teeth and surrounding structures.
- Emergency situations arising in chair- side clinical situations (eg: epileptic management, syncope) are tactfully managed by post graduates.
- BLS course attended by PG students and emergency drugs are available in the department in case of emergency.

• Average attendance of new and old patients –specialty wise:

New patients: 865 Old patients: 1170

Month	Old patients	New patients
November 2012	1035	807
December 2012	979	865
January 2013	1020	864
February 2013	876	819
March 2013	1587	787
April 2013	1153	849
May 2013	1105	864
June 2013	1072	781
July 2013	1107	808
August 2013	1084	789
September 2013	957	643

October 2013	1080	748
November 2013	993	756
Total no. of patients	14048	10380

• Professional and managerial skills for staff

 Patients are efficiently managed by sisters and chair side assistants and chair assistants were given a 6 month training programme on patient managerial skills before posting in the department.

• Professional personality development:

- o Professionally conducted personality development programs aimed at improving:
 - Doctor- patient relationships
 - Doctor-paramedical staff relationships
 - Teacher-student relationship
 - Batch co-ordinator for individual year of students

• Innovations in learning experiences:

- o Organizing innovative learning methods like:
 - Webinar presentations
 - Live video demonstation of newer techniques
- Innovative treatment techniques are adopted from new articles in peer-reviewed journals or speciality conferences through presentations and discussions at:
 - Department level
 - Inter disciplinary level
- o Formation of interdisciplinary clubs like Triple OOO club, cosmetic club and restorative club and clinical club.

• Services offered – specialty wise

A) CLINICAL SCREENING AND COUNSELLING

B) PREVENTIVE

DIET ASSESSMENT AND DIET COUNSELLING

PIT AND FISSURE SEALAANTS

FLUORIDE APPLICATION

ORAL PROPHYLAXIS AND ORAL HYGIENE INSTRUCTIONS

C) RESTORATIVE

VARIOUS RESTORATIONS – AMALGAM, GIC, COMPOSITES, STRIP CROWNS, STAINLESS STEEL CROWNS, ACRYLIC CROWNS

D) ENDODONTIC PROCEDURES

PULP CAPPING

PULPOTOMY

PULPECTOMY

RCT

APEXIFICATION

APEXOGENESIS

C) PREVENTIVE AND INTERCEPTIVE ORTHODONTICS

REMOVABLE APPLIANCES

FIXED APPLIANCES

MYOFUNCTIONAL APPLIANCES

SPACE MAINTAINERS

SPACE REGAINERS

- D) EXTRACTION
- E) MINOR SURGICAL PROCEDURES

FRENECTOMY

OPERCULECTOMY

SURGICAL EXPOSURE OF UNERUPTED TEETH

INCISION AND DRAINAGE

- F) PROSTHETIC REHABILITATION
- G) PATIENT AWARENESS PROGRAMMES THROUGH CAMPS AND SCHOOL

ADOPTION PROGRAMME

H) TREATMENT OF CHILDREN WITH SPECIAL NEEDS

- Patient education and informed decision
 - o Patient education is done with the help of :
 - Verbal appraisal
 - Charts
 - Models
 - Videos of procedures
 - Procedure pamphlets
 - Health education classes by public health dentistry department
 - in the college
 - public dental camps

- school dental camps
- public awareness programmes in audio-visual media by faculty

Every patient is individually educated about diet, cleaning habits and brushing techniques. Information is given about preventive methods such as fluoride applications, pit and fissure sealants through charts and educative posters. Information about painless procedures such as STA is also given.

An informed decision and consent is obtained from the parent/guardian before the procedure.

• Patient re-assessment schedule specialty wise

 All patients treated in the department of Pedodontics are recalled at a scheduled interval pertaining to the treatments rendered.

• Imaging services, processes

- Initial pre-operative radiographs, panoramic views, cephalometric radiographs are obtained from the department of Oral Medicine and Radiology.
- The subsequent radiographs as well as investigative radiographs are taken within the department itself.

Radiation Safety measures and Compliance

- o All radiation safety measures are taken according to the necessary protocols.
- Lead apron, thyroid collar, lead screen and the TLD badge are present in the department.

• Multi disciplinary patient care

- o All procedures till the age of 13 are done in the Department of Pedodontics itself.
- o In the eventful management of special cases which require inter departmental expertise as well as opinions, are sought duly and management of patients are performed.

• Dental records

- All out patient cards are given to the patient himself, with the instruction to bring it back on the next visit.
- o All the case histories pertaining to each patient, including photographs, x-rays as well as dental casts, with the permission of patients, are maintained by the post graduate students.

Patient referral procedures

o Patients are referred to other departments, should a referral is necessary, by the post graduates or staff members and the case is duly monitored.

o Equal understandings of the particular cases are kept in track by the concerned department staff members as well as post graduates.

• External reference

o Patients who are medically compromised are referred to the respective physicians/higher centres to get consent about the fitness of the patient for undergoing treatment procedure.

• Patient and family rights during patient care

- All parents are informed about the procedures, alternate treatment modalities, the merits and demerits of each and finally the parent has the freedom to continue or withdraw from the due proceedings.
- During patient care, the family members are allowed inside the operatory and can watch the procedures being done on their child. Their rights are duly noted and respected.

• Patient's Rights

- o To be treated with respect, consideration, compassion & dignity regardless of your age, gender, race, origin, religion or disabilities.
- To have full cunsideration for the dignify& confidentiality in case discussions, examination & treatment.
- o A clear & understandable explanation by your doctor / trained staff about your diagnoses, as well as benefits & risks of each treatment & expected outcome.
- o To be informed about pain & pain relief measures in your pain management plan
- o To be involved in the treatment plan.
- o You have the right to make suggestions & express grievances.

• Patient's Responsibilities

- o To keep appointments & be on time for appointments.
- o To provide complete & accurate information about current & past illness, medications & other matters pertaining to your health.
- o To follow the treatment plan recommended by your doctor.
- o To actively participate in your pain management plan & keep your doctors and nurses informed about the effectiveness of treatment.
- You are responsible for your actions if you refuse treatment or do not follow the doctors instructions.
- To take care of your belongings.
- To treat all hospital staff, other patients & visitors with courtesy, dignity & respect & not obstruct staff in performing their assignments.

- o To pay the user charges where applicable prior to treatment.
- o To understand all instructions before signing the consent forms.
- o Not to bring any weapons, alcohol or unauthorized drugs in to the hospital.
- o Respect the hospital as a "No Smoking Zone"
- Help to keep the hospital clean & healthy.

Cardio pulmonary resuscitation facility

- o All staff members and post graduate students are BLS certified.
- o Emergency drugs are available in the department in case of emergency

• Vulnerable and physically challenged patients

- All the vulnerable and physically challenged patients are treated with utmost care and concern within the dental operatory itself and
- o Those who require comprehensive treatment care are treated under general anesthesia in the minor OT of the Department of Oral and Maxillo facial surgery, by the Pedodontic staff members/ post graduate students.
- Special care is given to physically challenged patients and facility for physical assistance like wheel chair, trolley, stretcher, lift and portable dental chair etc. are available.
- Medical consent is obtained from the consultant physician in case of medically compromised patients before doing treatment procedures.

Rehabilitative services

o Full mouth rehabilitation of patients are performed to improve the aesthetic appearance as well as the quality of life (QOL) of the patient.

• Nutritional therapy

- All the post graduate students take the Diet history of the patients, as part of their history taking analysis.
- Based on the results, the diet chart is either modified or due counselling is given to the patients as well as caregivers.

• Patient Satisfaction

- An evaluatory questionnaire is periodically given to the patients to assess the quality of treatment services rendered to the patients as well as their opinions to improve the treatment services.
- o Suggestions by the patients are incorporated into the daily schedule.

Pharmacy

Under construction

Storage of chemicals and drugs

- Central store is available as per rules
 - Dispensing medication
- Required medicines are prescribed
 - Radioactive and investigational drug administration
- Not applicable
 - Infection control programme
- Complete sterilization is done of instruments using the recommended autoclave after pouching of instruments are done.
- Waste disposal is done according to instructions and recommendations.
 - Compliance to regulations:
- o Every recommendation and instructions are being followed.
 - Clinical trial and research:
- The department encourages and recommends clinical trials and studies of new materials after approval from the institutional ethical committee.
 - Community education and service:
- Community camps and school camps are regularly being conducted by the department of community dentistry.
- o The post graduate students and staffs involve themselves in educational talks, oral examination and referrals to the department.
- Camps are also conducted to special schools where demonstrations of oral hygiene practices and instructions are given.

Criteria IV: Infrastructure and learning resources:

- Infrastructure for curricular activities
- Available as per Dental council of India and KUHS regulations.
- Excellent infrastructure including :
 - Class rooms with LCD projectors
 - Independent seminar rooms for all departments
 - Air conditioned lecture halls for CDEs and lecture classes
 - Well equipped clinics
 - Laboratory
 - Department library and a spacious central library with Wi Fi

• Space and equipments:

- o Available as per Dental council of India and KUHS regulations.
- Dental chairs in clinic:

(As per recommendations)

UG: 21, PG: 11.

- Information communication transmission facilities
- o All facilities like internet, intercom, EBSCO are available.
- College website is updated regularly, Wi Fi enabled library and ICT enabled class and provision for webinar presentation available.
- Number of computers, laptops, scanners, printers, softwares and other accessories –specialty wise and total with configuration – updated when?
- o Desktop: 02; Laptop: Faculty 06; Students 09 (Pg). Scanners 0., Printer 0.
- Browsing centre and broadband facility:
- Yes, above facility is available.

Number of book titles, volumes, journals, national and international -specialty wise

- o Book titles: 85
- o Journals: (international): 08, (national): 02
- Library, budget and timings
- Library timings: 8am -7 pm
- Organization of learning resources
 - o Central and department library with:
 - Books
 - journals, back volumes in hard and soft copies
 - e- journals
 - periodicals
 - CDs of books and procedures
 - Copies of dissertations
 - Excellent ambience for peaceful learning
 - Theory class by experienced teaching faculties
 - o CDE programmes, clinical clubs and conferences
- Organization of website and frequency of update
 College website is properly organized and updated regularly
- Infrastructure for co-curricular activities
 - Availability of mobile dental van for community projects,

- Community integration of curriculum.
 - Dental camps
 - o Patient awareness programs
 - o School adoption for improvement in awareness of oral care

• Teaching aids: specialty wise

- o Class rooms with LCD projector
- o seminar hall with LCD projector
- Charts
- o Models
- o Videos
- o Power point and multimedia presentations
- o Live demonstrations

Department of Oral & Maxillofacial Pathology

Additional inputs for dental education

CRITERIA II:- TEACHING LEARNING AND EVALUATION EDUCATION

62. Complete time table for all years:

UG & PG year wise time tables are maintained in the department

63. Post graduate training – Day log book:

 As per the DCI & KUHS guidelines log book is maintained by individual PG student, monitored by staff in-charge daily and supervised by PG guide and HOD weekly.

64. Clinical competency:

• Clinical competency for BDS course:

Year of study	Procedure
I BDS	Tooth carving- in wax block for identifying the anatomy of each tooth in oral cavity.
	Oral histology, dental anatomy slide identification.
	Wet and dry specimens identification.
III BDS	Oral Pathology slide identification.
	Forensic slide identification.
Interns	Seminar presentation.
	Project submission.

• Clinical competency for MDS students:

Year of study	Procedure
I MDS	Clinical posting in Dept: of Oral Medicine
	Presentation of relevant clinical cases
	Performing cytological smears
	Reading histology teaching slides.
II MDS	Oncology posting (Regional Cancer Center)
	General Pathology, Dermatology & ENT Posting
	(SUT & Gokulam Medical Colleges)
	Routine hematological investigations.
	Assisting grossing procedures.
	Assisting biopsy procedures.
	Reading pathology teaching slides.
III MDS	Performing grossing
	Routine hematological investigations.
	Assisting slide reporting along with faculty
	Assisting biopsy procedures.

65. Organization of clinical training:

It is organized as per KUHS guidelines

• Organization of clinical training for BDS students:

I BDS Pre - clinical training:

250 hours of Pre - clinical training

Tooth carving- in wax block for identifying the anatomy of each tooth in oral cavity.

Oral histology, dental anatomy slide identification.

Wet and dry specimens identification.

105 hours of theory

- ✓ Dental anatomy ,Histology and Embryology
- ✓ Oral Histology

II BDS

50 hours of practical

Oral pathology slide identification

Oral pathology records.

80 hours of theory

✓ Oral pathology

III BDS

25 hours of practical

Oral pathology slide identification

Oral pathology records completion

120 hours of theory

✓ Oral pathology

Organization of preclinical &clinical training for MDS students:
 Pre-Clinical Exercises (As prescribed by DCI and KUHS guidelines and described in the department manual)

I MDS

- Carving of deciduous & Permanent teeth (Complete set)
- Ground Sectioning and decalcification of Extracted Teeth
- Basic staining techniques
- Clinical posting in Dept: of Oral Medicine
- Presentation of relevant clinical cases
- Performing cytological smears
- Reading histology teaching slides.

II MDS

- Oncology posting (Regional Cancer Center)
- General Pathology, Dermatology & ENT Posting (SUT & Gokulam Medical Colleges)
- Routine hematological investigations.
- Assisting grossing procedures.
- Assisting biopsy procedures.
- Reading pathology teaching slides.

III MDS

- Performing grossing
- Routine hematological investigations.
- Assisting slide reporting along with faculty
- Assisting biopsy procedures.

66. Academic monitoring process:

Academic monitoring is done in a structured periodic form by conducting

UG students:

- End class test
- Monthly test
- Internal assessment examination
- Model examination

PG student's clinical assessment

- MDS part I
 - Basic sciences
 - Seminars
 - Monthly tests

- Model examination
- Speciality
 - Discussions
 - Seminar presentations
 - Journal clubs
 - Preclinical work evaluation
 - Case presentations
 - Library dissertation topic selection and approval
 - Thesis Topic selection and approval
- o MDSII&III
 - Seminar presentations
 - Journal clubs
 - Case presentations
 - Library dissertation progression and completion
 - Thesis presentation progression and completion
 - Theory class for UG students
 - Mock examinations

67. Ratio of number of dental chairs and students in the clinic

Under-graduation

2 chairs for 100 students (As per DCI requirement)

Post-graduation

Chairs: Students = 1:1

68. Number of procedures In clinics per month and year

Lists maintained in the department

69. Preclinical laboratory experiences:

PG students are advised to complete and submit their prescribed pre-clinical works in stipulated time. (Details described as in Department Manual)

70. Clinical teaching:

• PG students have case history presentation.

71. Dental chair and distribution:

PG clinic : 11UG clinic : 02

72. Average patients attending:

• Avg. patient per day: 18

• Avg. patients per month: 450

73. Number of hours students spend in clinic per day:

No clinical postings

74. Schedule of chair side teaching in clinics:

• UG students

Dry & wet specimen discussion.

• PG students:

Step wise evaluation done by the staff in-charge under the supervision of PG guide for smear and biopsy cases.

75. Students case sheets and corrected by whom?

 Student case sheets are corrected by the staff in charge and overall supervision by Professor in charge.

76. PG Skills, how achieved?

As per DCI and KUHS regulations:

- Time bound completion of pre-clinical exercises,
- Discussion of clinical cases
- Assisting clinical procedures of other PG students and staff,
- Independently managing clinical cases under supervision of PGguides,
- By attending clinical workshops.

77. PG knowledge ... how achieved?

The curriculum is set as per DCI and KUHS regulations:

- Journal club
- Seminar presentation
- Case discussions
- Theory class for UGs
- Interdisciplinary discussions conducted under:
 - Clinical club
 - Triple O Club
- Attending various CDE programs
- Attending conferences
 - Poster presentation
 - paper presentation
- Attending lectures of national and international faculty
- scientific paper publications in national and international journals
- undertaking research programs
- department and central library with recent journals and books

78. Special clinics and their details:

- Cell culture lab
- Immuno histo chemical lab

79. Academic ambience:

College is situated in a serene, quiet and calm environment providing perfect atmosphere for curricular, co- curricular and extra-curricular activities, which have facilities like:

- Class rooms with LCD projectors
- Independent seminar rooms for all departments
- Air conditioned lecture halls for CDEs and lecture classes

- Well-equipped clinics
- Preclinical and clinical laboratory
- Department library and a spacious central library with Wi Fi facility
- Separate hostels for girls and boys
- Quarters for staff
- Examination hall with CCTV surveillance and mobile jammer facility
- Spacious Auditorium
- Department museum

80. Casualty and emergency training:

• BLS course attended by PG students and faculty. Kit of emergency drugs are available in the department in case of emergency.

81. Average attendance of new and old patients

20 specimens per day (Non-clinical dept)

82. Professional and managerial skills for staff

- Patients are efficiently managed by faculty and post graduates.
- Lab assistants are given six months training program on patient management skills before posting in the department

83. Professional personality development:

- Professionally conducted personality development programs aimed at improving,
 - Doctor patient relationship
 - Doctor paramedical staff relationship
 - Teacher student relationship
- Batch coordinators for individual year of students.
- Students are divided into groups, provided with mentors for each group
- Special inputs by faculty to improve communication and other presentation skills of students.
- Full time Clinical Psychologist for counselling.

84. Innovations in learning experiences:

Innovative techniques are adopted from new articles in peer reviewed journals or specialty conferences through presentations and discussions at

- c) Departmental level,
- d) Interdisciplinary level.
- Organizing Innovative learning methods like
 - Seminar presentations
 - Live video demo on newer techniques
 - Interdisciplinary clubs like
 - o Triple"O" Club

CRITERIA III: SERVICES

85. Services offered:

Services offered by department of Oral Pathology includes

Reporting pathologic specimens,

Identifying the disease for appropriate treatment

Diagnosing pre-malignant & malignant disease conditions for early treatment

Routine blood investigations

Patient education and informed decision:

- Patient education is done with the help of,
 - o Verbal appraisal,
 - o Charts,
 - o Models
 - o Pamphlets
 - Video demonstrations
 - o Health education classes by public health dentistry department in the college
 - School dental camp
 - o Public dental camp
 - o Cancer awareness programme
 - o HIV awareness programme
 - o Public awareness programs through audio visual media
 - o Patient is thoroughly educated about the treatment procedure, other treatment alternatives and the cost before undergoing any treatment procedure.
 - o Patient also is motivated about the importance of maintaining oral hygiene.
 - o Informed consent is obtained from the patient before any treatment procedure.
 - A friendly compassionate atmosphere is maintained in the department for the patient to express their dental needs and concerns to the doctor.

86. Patient re assessment schedule:

Follow up schedule as follows

- 4. Following up cases which is already been treated for any recurrence
- 5. Evaluation of treatment outcome

87. Imaging services, processes:

Patients are referred to OMR department and images are provided by Sidexissoft ware

Photomicrograph is performed

Diagnostic slides are issued for further reference and treatment.

Radiation safety measures and compliance:

o Safety measures and compliance are maintained in OMR department

88. Multi-disciplinary patient care:

- Multidisciplinary care from all departments is available in the college and patients are referred from department of OMR to other departments depending on individual treatment needs during their first visit.
- Treatment requiring multi-disciplinary treatment approach are identified and discussed with concerned department faculty members for time bond completion of treatment.
- Inter disciplinary treatments are carried out for diseases like
 - o Malignant conditions
 - o Pre malignant conditions
 - o Fungal diseases
 - o Blood dyscrasias
 - o Odontogenic & non odontogenic cyst

89. Dental records:

- Dental records are prepared by students, Evaluated by staff in charge and Maintained in the student's work log book
- Dental records include case sheets, radiographs, photographs, models and other reports that are recorded for relevant cases.
- Histopathologic slides and blocks are stored.
- o **Case sheets are handed** over to the patients at the end of the treatment for future reference.

90. Patient referral procedures:

- Internal reference
 - Inter department referrals are also done for complete oral rehabilitation.
- External reference
 - Patients who are medically compromised are referred to the respective physicians/higher centres to get consent about the fitness of the patient for undergoing treatment procedure.
 - Patients are referred to cancer institutes for extensive treatment procedures like radiation therapy.

91. Patient and family rights during patient care:

• Patient's Rights:

o To be treated with respect, consideration, compassion & dignity regardless of your age, gender, race, origin, religion or disabilities.

- To have full consideration for the dignity & confidentiality in case discussions, examination & treatment.
- A clear & understandable explanation by your doctor / trained staff about your diagnosis, as well as benefits & risks of each treatment & expected outcome.
- o To be informed about pain & pain relief measures in your pain management plan
- o To be involved in the treatment plan.
- You have the right to make suggestions & express grievances.

• Patient's Responsibilities:

- o To keep appointments & be on time for appointments.
- To provide complete & accurate information about current & past illness, medications & other matters pertaining to your health.
- o To follow the treatment plan recommended by your doctor.
- To actively participate in your pain management plan & keep your doctors and nurses informed about the effectiveness of treatment.
- You are responsible for your actions if you refuse treatment or do not follow the doctor's instructions.
- o To take care of your belongings.
- To treat all hospital staff, other patients & visitors with courtesy, dignity & respect & not obstruct staff in performing their assignments.
- o To pay the user charges where applicable prior to treatment
- o To understand all instructions before signing the consent forms.
- Not to bring any weapons, alcohol or unauthorized drugs in to the hospital.
- Respect the hospital as a "No Smoking Zone"
- Help to keep the hospital clean & healthy.

92. Cardio pulmonary resuscitation facility:

- BLS course is attended by PG students and teaching faculty. A kit of emergency drugs are available in the department in case of emergency.
- Department of Oral and Maxillofacial Surgery is having ICU with all modern facilities and imparts training on Emergency Medical Management to all departments.

93. Vulnerable and physically challenged patients:

- Special care is given to physically challenged patients and facility for physical assistance like wheel chair, trolley, stretcher, lift and portable dental chair etc. are available.
- o Medical consent is obtained from the consultant physician in case of medically compromised patients before doing treatment procedures.
- o Priority treatment is provided for these physically challenged patients

94. Rehabilitative services:

- Full mouth Rehabilitation is rendered to patients by combined treatment approaches from departments of Conservative Dentistry and Endodontics, Prosthodontics ,Periodontics and Oral surgery.
- o Psychological welfare is reassured by proper counselling.

95. Nutritional services:

 Nutritional deficiencies are identified and proper medical referrals are done for rehabilitations.

96. Patient satisfaction:

• College is having a Public Relations Department. They collect patient's feedback by survey and analyze and implement proper corrective measures if required.

97. Pharmacy:

• Under construction.

98. Storage of chemicals and drugs:

- Central store is available as per rules.
- Department store is available.

99. Dispensing medicine:

Required medicines are prescribed.

100. Radioactive and investigational drug administration:

Not applicable

101. Infection control program:

• Strictly followed as per institutional infection control protocol

102. Patient care management:

- Done efficiently by Public Relations department
- Individualized care is ensured by teaching faculty, paramedical staff and students.

103. Compliance to regulations:

• All statutory regulatory requirements are fully complied.

104. Clinical trial and research:

- After approval of institutional ethical committee clinical trials and research projects are undertaken
 - Student projects 8
 - Faculty projects 1

105. Community education and service:

- Dental camps and awareness programs are organized regularly by department of community dentistry and faculty and students from all departments are attending dental camps for patient education and motivation as part of community extension services.
- Cancer awareness programmes are conducted through dental camps.
- No tobacco awareness as rural health programmes.

CRITERIA IV:-INFRASTRUCTURE AND LEARNING RESOURCES

106. Infrastructure for curricular activities:

Well-equipped infrastructure including

- Class rooms with LCD projectors
- Independent seminar rooms for all departments
- Air conditioned lecture halls for CDEs and lecture classes
- Well-equipped clinics
- Laboratory
- Department library and a spacious central library with Wi Fi facility
- Separate hostels for girls and boys
- Quarters for staff
- Examination hall with CCTV surveillance and mobile jammer facility

107. Space and equipments:

Adequate space and all modern instruments are available in the department according to DCI requirements.

108. Dental chairs in clinic:

- UG 02
- PG 11

109. New and old patients:

20 specimens per day (Non-clinical dept)

- **110.** Information communication transmission facilities
 - o Wi-Fi enabled in library
 - o ICT enabled class rooms
 - o Provision for Webinar presentations

111. Number of computers, laptops, scanners, printers, soft wares and other accessories- specialty wise and total with configuration –updated when?

- Number of computers in department : 1
- Number of laptops in department: 12

112. Browsing center and broadband facility:

• Available at the library

113. Number of book titles, volumes, journals, national and international:

Central library

Number of books: 576Number of titles: 167

Department Library

Number of books : 92Number of titles : 64

List of Journals

- International: 18
- National: 05
- Back volume journals: 04 (Last 10 years)

114. Library, budget and timings:

- Library working time 8am 7pm
- Budget:

115. Organization of learning resources:

- Library and departments:
 - o Books,
 - o Journals, bound back volumes (print & cd),
 - o e-journals, periodicals,
 - o CDs of books and procedures,
 - o Copies of dissertations
- · Excellent ambience for peaceful learning
- Theory classes are handled by experienced teaching faculty
- CDE program
- Clinical clubs and conferences

116. Organisation of website, frequency of update:

• IT department is maintaining and updating website on a weekly basis.

117. Infrastructure for co-curricular activities:

 PG students are attending various implant and laser courses in addition to their normal curricular activities to update and enhance their knowledge in various fields in dentistry.

118. Community integration of curriculum:

- Adoption of primary schools for improvement and awareness of oral care
- Dental camps
- Patient awareness programs

119. Teaching aids:

- Class rooms with LCD projector
- Seminar hall with LCD projector
- Charts
- Models
- Videos
- Pictures
- Power point and multimedia presentations
- Live demonstration

120. Mobile dental clinic:

• A Well - equipped dental van is available in the college