

6. Details of available Non-teaching Staff for Subject/Specialty under Department: (attach relevant documents) **Attached (Annexure-II)**

Sr. No.	Name of Employee	Designation	Qualification	Date of Appointment	Total Experience	Date of Retirement
1						
2						
3						
4						
5						
6						

7. Details of available infrastructure under Department:

(attach separate and detail list along-with required proofs)

1. Present Courses available under Department with intake:

PG Degree: MDS, Prosthodontics. Intake: 3 STUDENTS PER YEAR

Fellowship in Oral Implantology: Intake: 10 students per year

Fellowship in Geriatric Dentistry: Intake: 10 students per year

Dental Mechanics course Intake: 10 students per year

PG Diploma: NA

Certificate Courses: NA

ii) Area in sq. ft: **Attached (Annexure III)**

iii) Number of Computers: 4

iv) Number of Dept. Library Books: ... **Attached (Annexure IV)**

v) Number of Journals: . **Attached (Annexure V)**

vi) Number of Audio-visual Aids: 6

vii) Number of Costly Instruments/Equipments (worth more than 5000/): **Attached (Annexure VI)**

viii) Number of Research Project Completed under the Department: (List attached **Annexure VII**)

ix) Number of Research Project under process: (List attached **Annexure VIII**)

x) Number of Charts available at the Department:

xi) Number of Models/Specimens available at the Department: Museums maintained in the department

xii) Any other specific thing available at the Department:

8. Details of Central Research Laboratory:

9. Details of Central Animal House: NA

10. Details of Institutional Ethical Committee: **Attached (Annexure IX)**

i. Date of Composition:

ii. Total Number of Members:

iii. Number of meeting held in previous year:

iv. Whether Records of proceedings are maintained properly?

11. Details of Departmental Research Committee: **Attached (Annexure X)**

i. Date of Composition:

ii. Total Number of Members:

iii. Number of meeting held in previous year:

iv. Whether Records of proceedings are maintained properly?

12. Details of attached/available Hospital: - **Attached (Annexure XI)**

i. Name of Hospital:

ii. Date of registration:

iii. Number of beds available:

iv. Number of available OPDs:

v. Total available area for Hospital:

vi. Average OPD per day (on the basis of last one year data):

vii. Average bed occupancy per day (on the basis of last one year data):

viii. Average OPD per day for last month (on the basis of last month data):

ix. Average bed occupancy per day for last month (on the basis of last month data)

x. Average bed occupancy on the previous day of inspection:

xi. Average OPD on the previous day of inspection:

xii. Advanced facilities available at Hospital:

xiii. Whether registered under MPCB provisions?

xiv. Whether BMW facility is available?

(attach copy of hospital registration and MPCB Certificate)

- xv. Details of available number of OPDs:
- xvi. Total number of major surgeries carried out in last year:
- xvii. Total number of minor surgeries carried out in last year:
- xviii. Total number of deliveries carried out in last year:
- xix. Total number of vaccinations carried out in last year:
- xx. Total number of deaths occurred in last year:
13. Any other important thing related to Research/Department/Facilities, which will be helpful to carry out good quality research under this department.....
-

Certificate from Head of the Department and Head of the Institution

This is to certify that, the information furnished in the above application is based on the actual facts and as per available records of the Department/ College/Research Institution/ Laboratory/Health Science Industry and is very true. It is further certified that, nothing has been, neither hidden nor exaggerated while providing information to the University. If anything is found to be false or misleading, then in such circumstances we are liable to be punished as University thinks fit.

Date:

Signature, Name and Stamp
of Head of the Department

Signature, Name and Seal
of Dean

MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK
DETAILED INFORMATION OF TEACHING STAFF AS ON 26/05/2022 - Annexure I

Name of the Dept: Department of Prosthodontics and Crown & Bridge

Name of the College: Government Dental College and Hospital, Mumbai

Sr. No	Name of the Teaching Staff	Designation	Qualification	TEACHING EXPERIENCE (IN YEARS)		PG Recognition No	Whether recognised PhD Guide	Date of Birth	No. of publications and Research Papers
				UG	PG				
1	Jyoti Prashant Tembhone	Professor & Head 08-08-2017	MDS	34 yr 4 m	14 yr 4 m	LETTER NO. MUHS/PG/E- 2/111101/2764/17	Yes	14/08/1960	30
2	Arti Parag Gangurde	Associate Professor 07-10-2015	MDS	15yr 4 m	6 yr 6 m	LETTER NO. MUHS/E- 2/2101/53/251/2016	No	29/09/1979	15
3	Manish Ranvirsingh Chauhan	Associate Professor 01-12-2015	MDS	14 yr 6 m	6 yr 4 m	LETTER NO. MUHS/E- 2/2101/53/251/2016	No	5/10/1980	11
4	Niraja Jaiswal	Associate Professor 06/05/2021	MDS	8 yr 10 m	8 m	LETTER NO. MUHS/E- 2/UG/2574/2021	No	26/10/1981	10
5	Ravikumar Akulwar	Assistant Professor 10-12-2015	MDS	12yr 10 m			No	10/1/1981	9
6	Minal Ketankumar Mair	Assistant Professor	MDS	5 m			No	11/5/1992	2
7	Anju Subhashchander Sharma	Assistant Professor	MDS	5 m			No	31/12/1993	1
8	Ashwini Bhagwan Bhole	Assistant Professor	MDS	5 m			No	2/11/1993	2
9	Rajat Nahar	Assistant Professor	MDS	5 m			No	13/08/1994	4

10	Vikrant Pardeshi	Assistant Professor	MDS	5 m			No	5/2/1993	4
11	Nikhil Kule	Assistant Professor	MDS	5 m			No	1/7/1993	4
12	Kanchan Aswani	Assistant Professor	MDS	5 m			No	4/12/1989	4

NON- TEACHING STAFF MEMBERS- Annexure II

Dental Surgeon : Dr. Ramdas Palekar (Golmallu)

Dr. Renju K

Dental Technician : Mr. Yogesh Shelke

Mrs. Vaishali Kamatkar

Mrs. Vandana Adhal

Mrs. Rupali Jadhav

Lab Technician : Mr. Anil Harpale

Assistant Lab Technician: Mr. Abhimanyu Chougule

Lab Servants: Mrs. Suvarna Kamble

Mr. Manoj Boricha

Mr. Prakash Rathod

Mr. Hemant Koli

DEPARTMENTAL SET UP (FLOOR SPACE AREA)- Annexure III

Dept. of Prosthodontics and Crown & Bridge

Post Graduate Clinic	760 sq.ft.
Patient waiting parlour/ lobby	700 sq.ft.
Post Graduate Clinical Laboratory	440 sq.ft.
Preclinical Laboratory	5035 sq.ft.
Seminar Room	220 sq.ft.
Professor's room	220 sq.ft.
Readers & Lecturers Room	660 sq.ft.
Research Room	1340 sq.ft.
Departmental library	220 sq.ft.
Plaster Room	1380 sq.ft.
Store Room	320 sq.ft.
Additional Area	<u>1000 sq.ft.</u>

List of books in the Departmental library (Annexure-IV)

- 1) The Dental Cosmos-Edward Kirk.
- 2) Principles and techniques for Complete Denture construction -Sears.
- 3) Practical Dental Metallurgy-Hodgen.
- 4) The Chemistry and Metallurgy of Dental Materials-J Campbell.
- 5) The GysiTrubyte Articulator
- 6) Ney Surveyor Manual.
- 7) Manual of Ethics –Johns.
- 8) Dental Materials- Prasanta.
- 9) Fluorides and Dental Caries-Dr Vedprakash
- 10) A Manual on Dental Metallurgy and Non Metallic Materials-ErmentA.Smith.
- 11) Palatine Gland and Mucin-Stiggson.
- 12) Inlays and Abutments-Schwartz
- 13) Modern Methods of Teeth Replacement-Schwartz.
- 14) Partial Denture Construction- Kennedy.
- 15) A Text Book of Oral Pathology-Shafer.
- 16) The Science of Dental Materials – Skinner, 4thed,
- 17) Dental Mechanics for Students-John.
- 18) Restorative Dentistry-Schweitzer.
- 19) Textbook of Complete Denture Prosthodontics -Sarandha.
- 20) Removable Partial Prosthodontics - McCracken's, 11th Ed.
- 21) Tylman's Theory and Practice of Fixed Prosthodontics -8thed
- 22) Essentials of Complete Denture Prosthodontics-2nded Winkler
- 23) Contemporary Implant Dentistry-3rded Misch.
- 24) Clinical Removable Partial Prosthodontics- Stewart.
- 25) Syllabus of Complete Dentures – Heartwell.
- 26) Essentials of Removable Partial Prosthodontics -Oliver Applegate.
- 27) Fixed Bridge Prosthesis Laboratory Manual- Jam J Kotanchik.
- 28) Synopsis of Dental Materials- Gaurishanker.

- 29) Textbook of Biochemistry- Rama Rao.
- 30) Oral Anatomy-Fuller.
- 31) Inlays Crowns and Bridges-Colinwell.
- 32) Oral Surgery-Truman.
- 33) Oral Surgery-Sterling.
- 34) Index of the Periodical Dental Literature.
- 35) A Work on Operative Dentistry- G V Black.
- 36) History of Dentistry- James Harrison.
- 37) Prosthetic Dentistry-James Harrison
- 38) Illinois State Dental Society.
- 39) Modern Dental Material Medica, Pharmacology and Therapeutics Buckley.
- 40) Partial Denture Construction- Edward Kennedy.
- 41) Dental Caries- Bernhard Gottlieb.
- 42) Treatment of Malocclusion of the Teeth- Edward Angle.
- 43) Review of Dentistry-Mosby
- 44) Root Canal Therapy –Grossman
- 45) Dental Histology and Embryology-Noyes
- 46) Anesthesia in Dental Surgery-Mead
- 47) Diseases of the Mouth-Sterling
- 48) Textbook of Prosthodontia –Charles Miller
- 49) Dental Histology and Anatomy ,Physiology –Widdoson
- 50) Diagnostic Oral Roentgenology –William Durbeck

A) LIBRARY

TEXTBOOKS OF PROSTHODONTIA (in Central library)- Annexure V

1.	Applegate OC	Essentials of removable partial denture prosthesis,3 rd edition,1972
2.	Applegate	Essentials of removable partial denture
3.	Ai Minoru	Dental technique series 3.Temporomandibular dysfunction diagnosis and treatment
4.	Aoshima	A collection of ceramic work. A communication tool for the dental office and laboratory.
5.	Allan D.N	Crown and bridge prosthodontic; an illustrated handbook 1986
6.	Anderson DJ	Mastication 1976
7.	Baker JL	Theory and practice of precision attachment removable partial dentures 1981
8.	Bates JF	Removable partial denture construction.2 nd edition 1978,3 rd edition 1997
9.	Barmer and Walls	Gerodontology
10.	Beder O.E	Fundamentals for maxilla-facial prosthetics,1974
11.	Beresin V.E	The neutral zone in complete denture; principles and technique,1973
12.	Beumer J	Maxillofacial rehabilitation,1979
13.	Bermer And Lewis	The Branemark implant system/clinical and lab procedures
14.	Boucher and Renner	Treatment of partially edentulous patients
15.	Blakeslee	Dental technology theory and practice,1980
16.	Boucher	Boucher prosthodontic treatment for edentulous patients,8 th edition,1980 and 9 th edition 1990

		and 10 th edition 1994 and 11 th edition
17.	Boucher(Swenson)	Complete denture
18.	Branemark	Tissue integrated prosthesis,1985
19.	Brasier S	Maxillofacial lab technique and facial prosthesis,1954
20.	Brewer AA	Overdenture 1975 and 2 nd edition 1980
21.	Brewer /Marrow	Overdentures
22.	Buchman JM	Complete and arched dentures 1974
23.	Buchman JM	An atlas of complete denture prosthesis 1970
24.	Capute and Standlee	Biomechanics in clinical dentistry
25.	ChalianV.A	Maxillofacial prosthetics; Multidisciplinary practice 1971
26.	Chiche	Esthetics of anterior fixed prosthodontics
27.	Cohen And Thomas	Dental care for the elderly 1986
28.	Cowell C.R	Inlays crowns and bridges; a clinical handbook 3 rd edition 1979
29.	Dawson P.E	Evaluation diagnosis and treatment of occlusal problems 1974
30.	Davenport	A colour atlas of removable partial dentures 1989
31.	DelderE.J	The Bar joint denture 1978
32.	Dreenmond	Colour atlas and text of dental care of the elderly
33.	Denissen	Atlas of porcelain restorations
34.	Eissmann H.E Morrow	Dental lab procedures fixed partial dentures vol 2,1988
35.	Ellinger C.W	Synopsis of complete dentures 1975
36.	Ewing J.E	Fixed partial prosthesis 1959
37.	Fenn H.R.B	Clinical dental prosthetics 1989 and 1977 and 3 rd edition 1977

38.	Grant And Johnson	Removable denture prosthodontics 2 nd edition
39.	Grant	Complete prosthodontics problems diagnosis and management
40.	Goldstein	Imaging in esthetic dentistry 1998
41.	Goldstein	Change your smile 2 nd edition and 3 rd edition
42.	Garber	Porcelain laminate veneers
43.	Frederickson	Implant prosthodontics 1995
44.	Hudis Mm	Dental lab prosthodontics 1977
45.	Linkow	Theories and techniques of oral implantology vol 1,1970
46.	Hagen Bach	Creative ceramic colour;A practical system
47.	Hirai	Treatment dentures for edentulous prosthodontic patient
48.	Hobo	Osseointegration and occlusal rehabilitation
49.	Hosoi	Dental technique series and occlusal registration for edentulous patients
50.	HobkirkJ.A	A colour atlas of complete dentures 1985
51.	Heartwell C.M	Syllabus of complete dentures 2 nd ed,1975 and 4 th ed 1984 and 1992 and 4 th ed 1992 and 1994
52.	Johnson	Fundamentals of removable prosthodontics 1980
53.	Kawabe	Complete dentures
54.	Korson	Esthetic design for ceramic restorations
55.	Kuwata,M	Colour atlas of ceramo metal technology vol 1 1986 and vol 2 1986
56.	Lamb	Problem and solution in complete denture prosthodontic
57.	Linkow	Theories and techniques of oral implantology vol 2 1970
58.	Lewis B	Impression for complete dentures 1984

59.	Lucia	Modern gnathological concept updated
60.	McCracken	McCrackens removable partial prosthodontics 8 th ed 1989 and 9 th ed and 6 th ed 1989 and 6 th ed 1981
61.	McKinney R.V	The dental implant,1985
62.	McKinney R.V	Endosteal dental implants 1991
63.	McLoanJ.W	The science and art of dental ceramics vol 2,1980
64.	Melcher A.H	Oral sciences review; Biology and technology and oral prosthetic implant vol 3 1974
65.	Melaghlis G	Direct bonded retainers;the advanced alternative 1986
66.	Misch C.E	Contemporary implant dentistry 1993
67.	Miller E.L	Removable partial prosthodontics 1972
68.	Milnertheis	Replication of anterior teeth in 4 seasons of life
69.	Morrow R.M	Handbook of immediate over denture,1978
70.	Morrow R.M	Dental lab procedures, complete dentures,vol 1
71.	Murray J.J	A colour atlas of acid etch technique 1984
72.	Myers G.E	Textbook of crown and bridge prosthodontics 1969
73.	Nagas	Dental technique series 4,impressions of edentulous patients
74.	Nagle And Sears	Denture prosthetics; complete denture 2 nd ed 1962
75.	Naylor	Metal ceramic technology
76.	Nell D.J	Complete denture prosthetics ;a clinical and lab manual 1968
77.	Neils and Nair	Complete denture prosthetics 2 nd ed 1990
78.	Nevins And Mellonig	Implant therapy ,clinical approach and evidence of success vol 2
79.	Passamonti G	Atlas of complete denture,1979

80.	PreskelH.W	Precision attachment in dentistry 3 rd ed 1979
81.	Patil R	Esthetic dentistry in artist science 2000
82.	Preston	Perspectives in dental ceramics
83.	Rahn and Boucher	Maxillofacial prosthetics; Principles and concepts 1970
84.	Ray G.E	Precision attachment,1969
85.	Roberts A.C	Obturator and prosthesis for cleft palate 1965
86.	Roberts A.C	Facial prosthesis 1971
87.	Roberts DH	Fixed bridge prosthesis 2 nd ed 1980
88.	RosensteilS.F	Contemprory fixed prosthodontics 1988,2 nd ed
89.	Rudd And Morrow	Dental lab procedures; removable partial dentures vol 3 1981
90.	Schweitzer J.M	Oral rehabilitation problem cases; treatment and evaluation vol 1 1964 and vol 2
91.	Schweitzer J.M	Restorative dentistry 1947
92.	Sears V.H	Principles and technique for complete denture construction 1949
93.	Sharpy J.J	Complete denture prosthodontics,3 rd ed 1974
94.	ShillingburgH.T	Preparations for cast gold restorations 1974
95.	ShillingburgH.T	Fundamentals of fixed prosthodontics 2 nd ed 1981 and 3 rd ed 1997
96.	ShillingburgH.T	Restorations of endodontically treated teeth
97.	ShillingburgH.T	Fundamentals of tooth preparation for cast metal and porcelain restorations 1987 and 1991
98.	Simonsen	Etched cast restorations clinical and lab techniques
99.	Stean	Esthetic dentistry with indirect resins
100.	Solinit and Curnutte	Occlusal correction principles and practice
101.	Stuart	Gnathologic tooth preparation
102.	Stewart	Clinical removable partial prosthodontics 2 nd ed

103.	Taylor and Laney	Dental implants; Are they for me?
104.	Thomas	Prosthetic rehabilitation
105.	Thomson	Occlusion
106.	Tay W.M	Resin bonded bridges
107.	Tylman	Theory and practice of fixed prosthodontics, 8 th ed
108.	Watt D.M	Designing partial dentures
109.	Watt D.M	Designing complete dentures
110.	Warner	Sectional dentures: a clinical and technical manual
111.	Weinberg	Atlas of removable partial prosthodontics
112.	White	Osseointegrated dental technology
113.	Winkler	Essentials of complete denture prosthodontic
114.	Winkelman and Orth	Dental implants fundamentals and advanced lab technology
115.	ZashG.A	Prosthodontic treatment for partially edentulous patients, 1978

List of journals (Dept of Prosthetic dentistry)

1. Dental Abstracts
2. Dental Clinics of North America
3. International Dental Journal
4. Journal of American Dental Association
5. Journal of Dental Research
6. Journal of Prosthetic Dentistry
7. International Journal of Prosthodontics
8. International Journal of Maxillofacial Implants

9. Australian Dental Journal
10. Biological Therapies in Dentistry
11. Canadian Dental Journal
12. Cleft Palate Journal
13. Quintessence International Dental Digest
14. Quintessence Dental Technology
15. British Dental Journal
16. Journal of Oral Implantology
17. European Journal of Prosthodontic and Restorative Dentistry
18. New Zealand Dental Journal

LIST OF EQUIPMENTS- Annexure VI

Name	Specification	Quantity		
		Required	Available	Remarks of Inspector
Dental Chairs and Units	As per specification	34	55	
Semi adjustable articulator	With face bow	4	8	
Extra oral/intra oral tracer		4	4	
Dewaxing unit		2	2	
Curing unit		2	2	
Dental casting machine		1	1	
Wax burnout furnace		1	1	
Pre-heating furnace		1	1	
Surveying unit		2	7	
Heavy duty hand piece	Lab micromotors	4	15	
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	2	
Needle burner with syringe cutter		2	2	
CAD CAM		1(Optional)	0	
LAB				
Plaster Dispenser	One each for plaster and stone plaster	2	2	
Model Trimmer with Carborandum Disc		1	5	
Model Trimmer with		2	5	

Diamond Disc				
Acrylizer		3	10	
Lathe		2	2	
Flask press		4	4	
Deflasking unit		4	1	
Dewaxing unit		3	3	
Hydraulic Press		3	1	
Mechanical Press		2	26	
Vacuum mixing machine		1	1	
Curing pressure pot		1	1	
Hot water sterilizer	Compound bath	2	2	
Geyser		2	2	
Phantom heads		50	26	
Pre-clinical working tables	Gas connection & bunson burner	100	100	

CERAMIC AND CAST PARTIAL LABORATORY

NAME	SPECIFICATIONS	Required	Available	Remarks of Inspector
Plaster Dispensor	One each for plaster and stone plaster	2	2	
Duplicator		1	1	
Pindex System		1	2	
Circular saw		1	1	
Burn out furnace		1	1	
Sandblasting machine	With two containers	1	1	
Electro-polisher		1	1	
Model Trimmer with Carborandum disc		1	1	
Model Trimmer with		1	1	

Diamond disc				
Induction casting machine		1	1	
Programmable porcelain furnace with vacuum pump with instrument kit and material kit		1	1	
Spot welder with soldering, attachment of cable		1	1	
Vacuum mixing machine		1	1	
Steam Cleaner		1		
Spindle Grinder 24,000 RPM with vacuum suction		1	2	
Wax heater		1	1	
Wax carver		1	13	
Curing pressure pot		1	1	
Milling machine		1	1	
Heavy duty lathe with suction		1	1	
Preheating furnace		1	1	
Palatal trimmer		1	1	
Ultrasonic cleaner	5 liters capacity	1	1	
Composite curing unit		1	1	
Micro surveyor		1	1	
PRE-CLINICAL PROSTHETICS LABORATORY	Work table preferably complete stainless steel fitted with light, Bunsen burner, air blower, working stool.	60	60	
	Adequate number of	20	50	

	lab micro motor with attached hand piece			
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PLASTER ROOM FOR PRE-CLINICAL WORK				
Plaster dispenser	One each for plaster and stone plaster	2	2	
Vibrator		2	2	
Lathe		2	2	
Model Trimmer		1	1	
Carborandum Disc		1	1	
Diamond disc		1	1	

LISTS OF MAIN DISSERTATION AND LIBRARY DISSERTATION.

Annexure VII

YEAR	NAME	LIBRARY DISSERTATION	MAIN DISSERTATION
2009-10	Dr. Prashant Chandorkar	Porcelain veneer	A comparative evaluation of single-step versus double-step putty wash impression technique using 3 different commercially available addition silicone impression materials.
	Dr. RanjuktaSar	Implant occlusion	A comparative evaluation of the effect of 2 dentin desensitizers or the retention of full metal crowns using 3 different types of luting agents – An in vitro study.
2010-11	Dr. Rajendra Avhad	Single tooth implant	A clinical study to evaluate the relationship of maxillary canine and edge of central incisor with incisive papilla in antero-posterior region with respect to arch form in Indian population – An in vivo and in vitro study
	Dr. Varnit Agarwal	Impression materials in Prosthodontics	Comparison of dimensional accuracy of cast obtained from different polyvinyl siloxane putty wash impression techniques: an in vitro study.
2011-12	Dr. Pratik Vora	CAD – CAM	Comparative evaluation of marginal accuracy of Ni-Chr coping prepared by CAD-CAM, resin pattern and wax pattern – An in vitro study.

	Dr. Devendra Sonwane	Recent advances in Ceramics	Evaluation of the therapeutic efficacy of the 3 denture cleansing systems on the growth of candida in complete denture patients of controlled diabetes mellitus – An In vivo study
2012-13	Dr Aman Kathuria	Full mouth Rehabilitation	A comparative evaluation of marginal accuracy of cast restoration by ring and ringless method – An in vitro study
	Dr Hemant patil	Overdenture	A comparative evaluation of microleakage in 3 different luting agents used for posterior full metal crown – An in vitro study.
2013-14	Dr. HeeralChikhal	Failures in Implants	A comparative evaluation of the marginal accuracy and surface roughness of cast restorations fabricated by conventional and accelerated casting procedures – A in vitro study.
	Dr. Chandrashekhar Shanagonda	Visible light cure resin	A comparative evaluation of the flexural strength of denture bases reinforced with glass fibres and polyethylene fibres in comparison with that of high impact acrylic denture bases – An in vitro study
2014-15	Dr. Sandeep Sukre	Articulators	A comparative evaluation of dimensional stability and tear strength of addition silicone before and after autoclave sterilization.

	Dr. NeerjhaSathaye	Immediate loading in implants	Comparative evaluation of three gingival retraction methods
2015-16	Dr. Kailash Madavi	Veneers	Comparative evaluation of bond strength of provisional restorative materials
	Dr. AkshayBandewar	Occlusion in Implants	A comparative evaluation of the marginal accuracy of cobalt chromium copings fabricated by conventional lost wax technique, milled wax with lost wax technique and direct laser metal sintering – An in vitro study.
2016-17	Dr. Rupali Pathak	Esthetics in complete denture	A comparative evaluation of the effect of different chemical surface treatment on the shear bond strength of acrylic resin teeth to heat cure denture base resin in vitro study
	Dr. Rajneesh Kumar	Application of lasers in prosthodontics	A comparative evaluation of the bond strength and fracture toughness of metal ceramic restorations fabricated by conventional lost technique and selective laser sintering – An in vitro study.
2017-18	Dr. Akul Agarwal	Occlusion in complete dentures	A comparative evaluation of dimensional accuracy of newly formulated vinyl siloxonether elastomeric impression material with vinyl polysiloxane elastomeric impression material before and after disinfection – an in vitro study.

	Dr. Sunita Pillewan	Osseointegration	A comparative evaluation of flexural strength and residual monomer content of 2 denture base resins polymerized in microwave using different curing cycles – An in vitro study.
	Dr. Devesh Tiwari	Esthetics In FPD	A comparative evaluation of three-dimensional distortion of implant impressions made by direct and indirect techniques- An in vitro study
	Dr. Prachi Deval	Immediate loading in implants.	A comparative evaluation of the wear of natural enamel antagonist to metal ceramic and monolithic zirconia crowns: A invitro study.
2018-19	Dr. Jasmine Jawade	Implant supported overdenture	A comparative evaluation of different concentration of carbamide peroxide on surfsce roughness of feldspathic porcelain.
	Dr. Abhishek Meena	Unconventional dentures	A comparative evaluation of transverse strength and elastic modulus of direct and indirect provisionalisation material after storage in artificial saliva – An in vitro study.
	Dr. Akshay Bhandari	Implant abutments	A comparative evaluation of bond strength of full metal crowns with different luting cements after undergoing surface treatments with alumina particles – An in vitro study.

	Dr. Avinash Kamble	Precision attachments	Three dimensional finite element analysis of angled abutment for placed in anterior maxilla – An in vitro study.
2019-20	Dr. Varsha Kolhe	Teeth selection in CD	A comparative evaluation of linear dimensional stability of different interocclusal recording materials by immersion in disinfectant solutions – An in vitro study.
	Dr. Satish Gadai	Occlusion in FPD	A comparison of surface detail reproduction and dimensional accuracy of hydrophilic vinyl polysiloxane, polyether and vinyl siloxanether elastomeric impression materials tested under dry, moist and wet conditions – An in vitro study.
	Dr. Jay Dondani	Implants in maxillofacial Prosthodontics	A comparative evaluation of flexural strength and microhardness of visible light cure denture base resin polymerized using visible light and laser beam – An in vitro study.
2020-21	Dr. Nikhil Kule	Digital workflow in prosthodontics	A comparative evaluation of internal adaptation and marginal fit of cobalt-chromium metal copings fabricated by conventional lost wax and cad-cam milling technique: an in-vitro study

	Dr. Rajat Nahar	Basics of stem cell research in orofacial science and its applications in prosthodontics	A comparative evaluation of flexural strength and hardness of provisional crown and bridge materials fabricated by CAD/CAM and Conventional methods – an in-vitro study
	Dr. Vikrant Pardeshi	Preventive prosthodontics	A comparative evaluation of the impact strength and surface characteristics of visible light cure denture base resin polymerized using visible light and laser beam : an in-vitro study.
2021-22	Dr. Hemraj Wani	Implant esthetics	A comparative analysis of stress distribution on implant placed in mandibular posterior region with titanium abutment and different abutment materials- a 3 - Dimensional finite element analysis.
	Dr. Saurabh Danane	Basal implantology	A comparative evaluation of Stress analysis between hader bar and clip, double crown retained removable prosthesis and ball attachment on tooth supported mandibular overdenture -A finite element study.
	Dr. Vipul Diwan	TMJ Disorders	A comparative evaluation of the effect of impregnated gingival retraction cord and laser on gingival attachment level and pain perception following gingival retraction for subgingival margins - an in-vivo study.

Research in the department (Ongoing)- Annexure VIII

YEAR	NAME	MAIN DISSERTATION
2022-23	Dr. Hemant Patil	A comparative evaluation of internal adaptation and marginal fit of polyetheretherketone (PEEK) and zirconia copings fabricated using Computer aided design and Computer aided manufacturing (CAD-CAM) milling technology: - an in vitro study
2022-23	Dr. Priya Agrawal	A comparative evaluation of the tear strength and tensile strength of two silicones modified by aluminium oxide nanoparticles: - an in vitro study.
2022-23	Dr. Raturaj Khankari	A comparative evaluation of the accuracy of implant impressions using snap on, clip on and open tray impression techniques in multiple implant treatment: - an in vitro study.

PhD in the subject of Prosthodontics and Crown & Bridge

Name of PhD Guide: Dr. Jyoti Tembhurne

Students: 3 PhD scholars registered

Sr No	Scholar Name	Thesis topic	Status
1	Dr. Arti Gangurde	Assessment of effectiveness of Zingiber officinale as antifungal denture cleanser in comparison with commercially available denture cleanser on Candida albicans in completely edentulous patients: A randomized controlled trial.	Synopsis submitted to MUHS
2	Dr. Manish Chauhan	Assessment of the impact of occlusal appliance therapy on forward head posture in adult patients with pre-existing temporomandibular disorder- A randomized, controlled trial.	Synopsis submitted to MUHS
3	Dr. Amit Gaikwad		Synopsis not submitted to MUHS

Other staff of Department pursuing PhD

Dr. Niraja Jaiswal pursuing Phd at VSPM, Nagpur under Dr. Neelam Pande (PhD Guide)

DETAILS OF INSTITUTIONAL ETHICAL COMMITTEE- Annexure IX

Registration No. ECR/464/INST/MH/2013

As per guidelines of Office of Drugs Controller General (India)

Chairperson: Dr S J Bapai

Member Secretary: Dr Easwaran Ramaswami

Basic Medical Scientist: Dr S B Patel

Clinician Member: Dr Prajwalit Kende

Social worker: Mr Dattatray Vibhute

Lawyer: Dr Sanjay Jadhav

Lay person: Mr Swapnil B Desai

Department Research Committee- Annexure X

कृत्रिमदंतशास्त्र विभाग

शासकीय दंत महाविद्यालय व रुग्णालय

सेंट जॉर्जेस रुग्णालय आवार, पी. डी.मेलो रोड,

मुंबई-४००००९.

फोन क्रमांक ०२२-२२६२०६६८,६९ (वि. क्र. २६५)

क्रमांक कृत्रिमदंतशास्त्रशा. दं. म व रु/ /२०२१

दिनांक:

विभागीय आदेश

शासकीय दंत महाविद्यालय व रुग्णालय, मुंबई या संस्थेच्या कृत्रिमदंतशास्त्र विभागातून अध्यापकांची बैठक दिनांक ०९/०९/२०२१ रोजी विभाग प्रमुखांच्या दाल नात घेण्यात आली. सदर बैठकीत झालेल्या निर्णयानुसार विभागीय संशोधन समिती खालील प्रमाणे गठीत करण्यात आलेली आहे.

विभागीय संशोधन समिती

- | | |
|---|----------|
| १) डॉ. ज्योती टेंभुर्णे, प्राध्यापक व विभागप्रमुख | -अध्यक्ष |
| २) डॉ. आरती गांगुर्डे, सहयोगी प्राध्यापक | -सदस्य |
| ३) डॉ. मनीष चौहान, सहयोगी प्राध्यापक | -सदस्य |
| ४) डॉ. निरजा जायसवाल, सहयोगी प्राध्यापक | -सदस्य |

प्राध्यापक व विभागप्रमुख,

कृत्रिमदंतशास्त्र विभाग,

शासकीय दंत महाविद्यालय व रुग्णालय, मुंबई.

प्रत:

- | | |
|-----------------------|-------------------|
| १) डॉ. आरती गांगुर्डे | सहयोगी प्राध्यापक |
| २) डॉ. मनीष चौहान | सहयोगी प्राध्यापक |
| ३) डॉ. निरजा जायसवाल | सहयोगी प्राध्यापक |

DETAILS OF ATTACHED HOSPITAL Annexure XI

12 (i)

Name and Full address of Hospital

St. George's hospital- Peripheral centre of J.J. Group of Hospitals

St. George's hospital, Govt. Dental College and hospital compound, Near CST station, Mumbai 400001.

12 (iii)

Number of beds: 467

Department	Required	Allotted	Occupancy	
			During last 6 months	On the day of inspection
General ward- Medical including allied specialities	30	109	1335	
General ward- Surgical including allied specialities	30	189	2155	
Private ward (AC and Non AC)	9	24	177	
Maternity ward	15	90	1301	
Paediatric ward	6	41	311	
Intensive care services (4% of bed strength)	4	4	-	
Critical care services (6% of bed strength)	6	10	-	

12 (v)**Area requirement (as per Bureau of Indian Standards)**

	Required	Available
Covered area	20 sq.m bed	Available
In patient services	40%	Available
Outpatient services	35%	Available
Department and supportive services	25%	Available

OPD Details- Adequate

Attendances:

Average (Last 6 months)

OP-11388 patients per month

Casualty- 3204 patients per month

Bed occupancy-5400

12 (xii)**Advanced facilities available at hospital**

ICCU

Routine and advanced Blood and Urine investigations available