

**GOVERNMENT DENTAL COLLEGE & HOSPITAL
CHHATRAPATI SAMBHAJINAGAR**

NAME	Dr Sonali Vishal Mahajan
QUALIFICATION	MDS, PhD(Pursing)
DESIGNATION	Associate Professor
EXPERIENCE	15 years 11 months
PUBLICATION/RESEARCH/PATENTS/COPYRIGHTS	Publications: 25 Research: 01 (PhD thesis) Copyrights:7
H INDEX	2
I10 INDEX	1
Citations	36
FUNDINGS	Nil

Introduction

Dr. Sonali Vishal Mahajan completed her BDS from Govt. Dental College & Hospital Nagpur & MDS In the Subject of Prosthodontics, Crown & Bridge From Govt. Dental College & Hospital Aurangabad. She has received Dr. G.B. Shankwalkar memorial award for **Best Case report** for a article "Imitating nature with dentures". Published in Dental Dialogue July Sept. 2006. She was the topper in Maharashtra Public Service Commission(MPSC) for the post of Assistant Professor.

She is pursuing PhD and has 9 copyrights registered with Govt. of India for her innovation in prosthodontics, crown & bridge.

She has 29 International & National publications to her credit in various journals of Prosthodontics, Crown& Bridge and Implantology.

Currently she is working as Associate professor in the Department of Prosthodontics, Crown & Bridge Govt. Dental College & Hospital Aurangabad.

P.G. Convention Attended:

1. VII National Convention of Prosthodontic Postgraduate Students of Indian Prosthodontic Society held at Sri Ramachandra Dental College and Hospital, Chennai from 27th – 28th Aug 2005.
2. VIII National Convention of Prosthodontic Postgraduate Students of Indian Prosthodontic Society held at MGPGI of Dental sciences, Govt. of Pondicherry instn., Pondicherry from 23rd – 25th June 2006.
3. IX National Convention of Prosthodontic Postgraduate Students of Indian Prosthodontic Society held at Sharad Pawar Dental College and Hospital Sawangi Wardha from 22nd – 24th June 2007.
4. X National P.G. Students Convention of Indian Prosthodontic Society held at Darshan Dental college, Udaipur from 8th to 10th Feb. 2008.

Conferences Attended

1. 33th Indian Prosthodontic Society conference held at Aurangabad from 24th - 27th November 2005.
2. 34th Indian Prosthodontic Society conference held at Kanniyakumari from 2nd- 5th November 2006.
3. 35th Indian Prosthodontic Society Conference held at New Delhi from 8th to 11th sep 2007
4. Indian Dental Conference 2007 held at Pune from 4th – 7th January 2007.
5. 46th Maharashtra State Dental Conference, held at Chikhaldara, 2006

6. 43rd Indian Prosthodontic Society Conference held at New Hyderabad on 3rd to 5th dec 2014
7. 44th Indian Prosthodontic Society Conference held at Mumbai 1-4 th dec 2016
8. 70 th Indian Dental Conference 2017 held at Mumbai 17-19 Feb 2017
9. 48th IPS Conference at Nagpur 2020 Dec. Chairperson. for Scientific Session..It was Virtual conference.
10. 50th IPS Conference Delhi 11-13 November 2022 & Chairperson
11. 51st IPS Conference Goa 8-10 November 2023 & Chairperson
12. Online MUHS state level research competition held on 21 dec 2022

Pre Conference Courses Attended

1. Pre Convention Course on “Maxillo Facial Prosthesis” held at 7th Indian Prosthodontic Society Convention held at Chennai on 26th Aug. 2005.
2. 1st National Update & Workshop on “Current Trends in Maxillofacial Prosthesis” held at Command Military Dental Centre, Pune on 6th & 7th May 2006.
3. Pre-convention course on “Occlusion and use of articulators in restorative dentistry” in VIII National Convention of Postgraduate Students of Indian Prosthodontic Society held at MGPGI of Dental sciences, Pondicherry from 23rd – 25th June 2006.
4. Prosthodontic Education And Research Society’s (PEARS) 2nd PG workshop on “Complete Dentures” held at Govt. Dental College & Hospital, Mumbai on 9th & 10th September 2006.
5. Prosthodontic Education and Research Society’s (PEARS) 3rd PG workshop on “Fixed Partial Prosthodontics” held at Govt. Dental College & Hospital, Mumbai on 10th & 11th March 2007.

6. Pre Conference Course on “Maxillo Mandibular Relationship and Role Of Articulators” held at 35th Indian Prosthodontic Society Conference held at New Delhi from 8th to 11th sep 2007
7. Hands on Course on “Fabrication of Maxillofacial Prostheses” held at Rural Dental College, Loni on 11th & 12th Jan 2008.

Workshop Attended

- 1) Advanced course in research methodology MUHS From 22-28 July 2021
Attended And Participated.
- 2) Minakshee academy of higher education for color cognisum in maxillofacial prosthodontics attended 10 Oct 2022
- 3) Sinus lift procedure workshop attended & participated Held on 17 Feb 2023 At GDC Aurangabad.
- 4) 10 th Rapid Review and Revision course (virtual) on 17 th March to 19 th March 2022.
- 5) Infection Prevention and Control on 28 th April 2020
- 6) Basic Worshop in Health Sciences Education Technology on 1st-2nd February 2017 & 4th February 2017.
- 7) Suicide Prevention : Empowering Students and Professionals in Health Care Services on 9 th September 2023
- 8) Information Communication Technology – (ICT – Moodle, Audio, Video Recording and Editing) on 9 th January 2023.
- 9) Lasers In Endodontics on 3 rd March 2023.
- 10)Advanced Course in Research Methodolgy on 22 July 2021 to 28 July 2021.

Continuing Dental Education programme

1. Conducted a Continuing Dental Education programme on, “implant maintenance : important aspect of implant prosthodontics”,in CSMSS Dental College and Hospital Aurangabad on 25 april 2014.
2. Conducted a Continuing Dental Education programme on, “ changing scenarios of removable prosthodontics” on 19 august 2015 in Govt Dental College and Hospital Aurangabad

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1. Comparative evaluation of marginal fit and internal adaptation of metal ceramic crowns fabricated by conventional lost wax technique, 3d printing technique, direct metal laser sintringh (dmls) an cad/cam milling and periodic evaluation of its effect on gingival microflora- an in-vivo study
2. To compare and evaluate the primary stabiliy & crestal bone loss using three different thread design in implants inmandibular posterior region- an in vivo study
3. a comparative evaluation of evaluation of shear bond streanght qualitative surface topography of porcelain laminate veneers using three different surface treatment- an in vitro study
4. A comparative evaluation of evaluation of crestal bone loss and gingival index in one stage and two stage implant surgery technique in mandibular posterior region- an in vivo study
5. Comparative evaluation of marginal adaptation and fracture resistance of conventional all ceramic and cad cam zirconia and peek crowns
6. A comparative evaluation of pull-out bond strength of glass fiber post and zirconia post with laser irradiation of post and post space- an in vitro study
7. A comparative evaluation of compressive strength, fracture resistance and vickers hardness of hybrid ceramic of different thicknesses– an in vitro study.
8. A comparative evaluation of shoulder and chamfer finish lines on the fracture resistance of monolithic zirconia and multilayered monolithic zirconia copings - an invitro study
9. A comparative evaluation of the biomechanical effect of platform- switched and platform-matched implants on peri-implant bone under static and dynamic loading: a 3d finite element analysis.

Scientific Paper Publications

1. "Nanotechnology: The Future Of Dentistry". Published in The Bulletin, Indian Dental Association-Aurangabad Branch Jan- June 2005. Vol. VI. No. 1-2.
2. "Imitating nature with dentures : A step towards achieving realism –A Case Report". Published in dental dialogue July- Sep 2006, Vol. XXXII, No. 3.
3. "A Device for diagnosing role of occlusion in Myofascial pain dysfunction Syndrome" published in Journal of Indian Prosthodontic society Jan –mar 2007 volume 7. Issue 1.
4. "Polyethylene Implants in head and face Surgery" published in Dental Dialogue Oct- Dec. 2007, Vol. XXXIII, No. 4.
5. "Denture Base Material – An Overview", published in May 2008 Vol IV Issue 9, IDA Times.
6. Fabricating an immediate removable denture using a natural tooth published in clinical dentistry may 2008
7. "Denture Base Material – An Overview", published in clinical dentistry
8. "Zirconia: An aesthetic option for fixed partial dentures published in clinical dentistry ,issue12, vol III dec 2009.
9. "Modified stock eye ocular prosthesis-a case report" published in dental dialogue journal3 vol; XXXVI no.1 jan-march 2010.
10. Enhancing esthetics by Gingival Porcelain: A case report. International Journal of Clinical Dental Science, Brazil, vol 2, no 4(2011)
11. The effect of 17% edta & mtad on smear layer removal & on erosion of root canal dentin when used as final rinse, an in vitro sem study :Journal of international clinical dental research organization / sept.dec.2010/vol.2/issue 3, 113 – 118

12. Future of Dentistry in India, journal of science of dentistry,vol11,issue1,24-27
2010
13. Failure in composite restoration: international journal of dental research
3(2)2015,10-
14. Bell's Palsy: a clinical report published in international journal of science
and research.issue 5, jan 2016.
15. Occlusal Rehabilitation of a patient with Turner mosaic syndrome published
in international journal of current research vol. 08, issue 11 pg no. 41111-41113,
nov 2016.
16. Comparative evaluation of clinical efficacy of three different gingival
retraction systems and to study their effects on the prepared tooth surface: An
SEM study. Journal of Indian dental association ,vol 10 issue 10, October 2016
17. Altered Cast impression technique published in international journal of
current research, vol 8, issue 12. Pg no. 43095-43096, dec 2016
18. In vitro comparative evaluation of the transverse strength of three provisional
fixed partial dental prosthesis materials of different chemical composition. Int
journal of current research, vol.10 issue 01, January 2018,pp64041-64046.
19. Modification of Makzoume vertical dimension recorder for individuals with
a beard . JProsthet Dent, march 2018, vol 119 issue 3 page 492-493
20. Evaluation and comparison of the effect of different chemical surface
treatments on the shear bond strength of acrylic resin teeth to the heat cure
denture base resins. Int. journal of preventive and clinical dental research
vol.6/issue 1/jan-mar 2019
21. Comparison of bond strength and fracture toughness of conventional lost wax
technique and selective laser sintering. Int. journal of oral care and research
august 29/2019,IP.232.74.22 2019

22. Evaluation and comparison of the effect of different chemical surface treatments on the shear bond strength of acrylic resin teeth to the heat cure denture base resins Int. journal of preventive and clinical dental research vol.6/issue 1/jan-mar 2019.
23. Comparison of bond strength and fracture toughness of conventional lost wax technique and selective laser sintering Int. journal of oral care and research august 29/2019,IP.232.74.22 2019
24. Can C-Reactive protein be used as a diagnostic tool in treatment of mandibular fracture Int journal of science and research vol 9 issue.2 feb 2020
25. Kerator attachment system for implant-supported overdenture:A review of literature vol 9,issue 2 2023, 105-108
26. Observations study to determine the accurate relationship of dental midline with anatomical landmark of face and oral cavity 8(7),2023;42-49
27. Prosthodontic management of xerostomia in completely edentulous patient suffering from Sjogren Syndrome using a fixed maxillary salivary reservoir: A case report 9(3):308-313
28. Prosthetic rehabilitation of a case of post covid mucormycosis with hollow obturator: an innovative technique8(7),2023, 34-41
29. Rehabilitation of hemimaxillectomy defect secondary to Mucormycosis using cast partial prosthesis with Hollow shim: A case report 5(3) may june2023, 502-507

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Awards

1. Dr. G. B. Shankhalwalkar Memorial Prize 2006

For best paper presented at 46th MSDC, Chikhaldara

Article: Provisional Restoration the Ins And Outs.

2. National Achiever's Awards....Category DENTISTRY

For being 1st in Maharashtra in Maharashtra Public Service Commission Examination for Assistant Professor post.

3. Dr. G.B. Shankwalkar memorial award for **Best Case report** for a article "Imitating nature with dentures". Published in Dental Dialogue July Sept. 2006.