

DR. FATHIMA BANU, MDS, FICOI, MHSc

Senior lecturer,

1. Area of Expertise with projects conducted

- Implant dentistry
- Fixed prosthodontics
- Maxillofacial prosthodontics
- Esthetic dentistry
- Removable prosthodontics

A. SUMMER RESEARCH

1. Evaluating characteristics of thermoplastic resin denture base material and compare the properties of tissue supported and tooth supported prosthesis. Nivetha R IV YR BDS
2. Designing and evaluation of removable dental prosthesis as a sustained drug delivery system-an in-vitro study.. NADIA, FARHEEN III YR BDS-2017
3. To evaluate, compare the surface roughness and adherence of Candida albicans over the denture base subjected to different polishing agent. Ms.Swetha II yr BDS – 2016 - Completed

B.GATE PROJECT

1. SHADENT- Digital tooth shade selection

C. PATENCY

Indian Patent- Intellectual property India- SHADENT - A DIGITAL TOOTH SHADE SELECTION – Reference number- 201841046815, App.Number- TEMP/E-1/51080/2018-CHE – 11/12/2018.

3. Awards and Recognition of Faculty

1. ICOI FELLOWSHIP
2. MHSc PUBLIC HEALTH
3. BP RAJAN GOLD MEDAL for best outgoing student
4. Certificate of merit for Publication with High impact factor

4. CONFERENCES

A. INTERNATIONAL CONFERENCES

- 4th World dental and oral health congress 2019, at Chennai , 31st September to 1st October 2019
- 4th ICOI South Asian Implant Symposium at Chennai, on October 2015

- 40th IPS conference and 8th Binneal Meeting of Asian Academy of Prosthodontics, Chennai, Dec 2012.
- 1st ICOI South Asian Implant Symposium at Bengaluru, April 2012.

B. NATIONAL CONFERENCES ATTENDED

- 20th IPS PG CONVENTION 6-8TH JULY 2018
- 10th Indian Society of Prosthodontics, Restorative – Periodontics National conference., Chennai 25th -28th August 2017
- 8th Indian Prosthodontic Society Tamil Nadu State Dental Conference, SRM RAMAPURAM, Chennai- 29th- 30th April 2017
- 14th Indian Prosthodontic Society PG Convention, Mangalore 2012
- 28th Tamilnadu State Dental Conference- “The Pallavas” Chennai 2010.

5. SEMINARS

- Sampling methodology and and systematic review on 3rd September 2019, at SRIHER
- Lecture on Main dissertation on 23rd August 2019, at SRIHER
- Temperomandibular joint disorders an update on 15th September, 2019 organised by TNIPS
- Modern day oral hygiene aids by IDA
- Ill effects of drug abuse and addiction, SRU ON 07.09.2016
- Critical appraisal of research article for Reviewers, SRU ON 7-8/08/16
- Financial management in dental practice, Faculty of Dental Sciences, SRU on 05.07.16
- CME-ON INSTITUTIONAL ETHICS, SRU on 12-01-2016 Critical appraisal of research articles on Journal Clubs, Department of prosthodontics, SRU on 28.01.2016
- Dissemination program for ICMR national ethical guidelines 2017, SRMC &RI, February 7, 2018
- Participated CDE programmed in Obstructive Sleep Apnoea – an overview by Dr. Shobha Sundaram, in Faculty of dental sciences, Dept of Prosthodontics, SRU on 02/02/15
- Dental Competence by Ivoclar Vivadent, Chennai, August 2010.
- Sterilisation Protocol on AIDS control and Focal Sepsis in Dental Practice, Chennai, January 2010.

1. WORKSHOP / TRAINING

INTERNATIONAL

- All on Four - 40th IPS conference and 8th Binneal Meeting of Asian Academy of Prosthodontics, Chennai, December 2012.
- Maxillary sinus lift and bone augmentation – ICOI, Bengaluru, April 2012.

NATIONAL

- Attended a lecture 3D prototyping- MIMICS software by Faculty of dental sciences, SRU on 06/04/15

- Gurukul in 14th Indian Prosthodontic Society PG Convention, Mangalore, July 2012.
- Preconference course in 14th Indian Prosthodontic Society PG Convention, Mangalore, July 2012.
- Overdent-Sure. 39th Indian Prosthodontic Society Preconference Course, Chennai, May 2011.

STATE LEVEL

- PhD orientation program on 1st November 2019 at SRIHER
- Treatment philosophies in full mouth rehabilitation conducted by Thai moogambigai dental college held on 05/03/2019
- Constructive alignment and evaluation of innovation in teaching By Ian Johnson on 20/02/2019
- 7TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 4-6th feb 2019
- Basic Life support course on 1 st August 2018 by Faculty of Dental sciences, SRIHER
- Competency based Simulation education 28th August 2018 by medical education unit , SRIHER
- 6TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 5-7th Feb 2018
- CDE- ROLE OF COMPOSITE IN CLINICAL PRACTICE, SRMC & RI, 25/01/2018
- CDE on CBCT IN dentistry, SRU, 20,21 December 2017
- Prof. Ruji Hosakawa interactive session,SRU, on 24 -02-2017
- 5TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 6-8th feb 2017
- Indo US full bright program on Research capacity building 17/09/16
- Basic Life Support programme held in Faculty of dental sciences, SRU on 03/09/15
- Implant Protective Occlusion- An Overview, Chennai, February 2014.
- Treatment modalities in TMD and full mouth rehabilitation, Chennai, October 2013.
- Programming of articulator, Chennai, August 2013.
- Importance of a Musculoskeletally Stable Stomatognathic System to avoid or correct TMD & Biometrics, Chennai, October 2012.
- DICOM Guided Implant surgery, Chennai, August 2012.
- Odontagnathic System In Nutshell, Chennai, July 2012
- The Christensen Bottom Line – 2012, Chennai, June 2012.
- Clinical and Laboratory Challenges in Full Mouth Rehabilitation with Implants, Chennai, February 2012.
- Optimal treatment solution for compromised edentulous ridges with ALL on 4 & Nobel clinic and Nobel guide, Chennai, May 2011.
- Oral Cancer Awareness, Chennai, March 2011

- Basic Life Support, Chennai, November 2010.
- Newer Trends in Esthetic Dentistry, Chennai, September 2010.

PROGRAM ORGANISED

- Basics in Maxillofacial Prosthetics- Immediate surgical obturator – 22-24th Jan, 11-13th Feb 2019
- 7TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 4-6th feb 2019
- 20th IPS PG CONVENTION 6 JULY 2018 – PRECONFERENCE COURSE ON OCULAR PROSTHESIS- FROM IMPRESSION TO INSERTION.
- 4 module program on BASIC IMPLANTOLOGY for Interns in SRIHER 2018.
- 6TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 5-7th Feb 2018
- ALL INDIA DENTAL STUDENTS CONFERENCE ,MIDAS, 15-17TH December 2017
- 10th ISPRP PRECONFERENCE COURSE ORGANISED-“IMPRESSIONS SIMPLIFIED FOR MULTIUNIT IMPLANT PROSTHESIS AND CHAIR SIDE RELINING OF BALL RETAINED OVERDENTURE” on 28 August 2017
- “Basic Implantology” program for Professional and personal enhancement program for Interns , faculty of dental sciences on 16th april 2017
- 5TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 6-8th feb 2017
- Critical appraisal of research article for Reviewers by Department of Prosthodontics, faculty of dental sciences on 7-8/08/16
- 4TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 18-20th feb 2016
- 3rd Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences , 09-11/02/15

GUEST LECTURE

- Speaker in one to one session as a speaker in the 6th CDE program on Comprehensive Prosthodontic review 2019 held at Sri Venkateswara Dental college & hospital on 26th April 2019
- 7TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 4-6th feb 2019 – Lecture on Loading protocol in implant
- Basic implantology 4 module program for interns April to may 2018- Lecture on Osseointegration

COMMUNITY SERVICES

- NPV Ramasamy udayar multispeciality camp at Rasipuram 29th to 30th August 2019
- Free denture camp held at Primary health centre in Vayalanallure on April 2019
- Founder – Chancellor Shri N P V Ramasamy Udayar Memorial Free Multispeciality Medical Camp on September 2018 – participated

- Free Denture Camp at Devakottai on 20.03.2016 Organised and participated.
- Creating Awareness & Assisting in raising fund for “HELPAGE INDIA” and got certificate of Social Service during the year 2000-2001.
- Free Denture Camp at Thiruthiraipoondi, Thanjavur on March, 2012.
- Organized Scientific session in 40th IPS conference and 8th Biennial Meeting Of Asian Academy Of Prosthodontics, Chennai Dec 2012.

5. MEMBERSHIP COMMITTEE

1. CLINICAL SOCIETY COMMITTEE
2. SAAPIC COMMITTEE
3. IPEP COMMITTEE
4. RESEARCH AND PUBLICATION COMMITTEE
5. STUDENTS COMMITTEE

6. LIST OF PUBLICATION

1. Natarajan S, **Banu F**, Kumar M, Lavu V. Management of Shallow Vestibule with Reduced Attached Gingiva in Fixed Prosthetic Intervention. Cureus.2019;11(6): e4975. <https://www.ncbi.nlm.nih.gov/pubmed/?term=Management+of+Shallow+Vestibule+with+Reduced+Attached+Gingiva+in+Fixed+Prosthetic+Intervention>
2. Seenivasan MK, **Banu F**, Inbarajan A, Natarajan P, Natarajan S, Anand Kumar V. The Effect of Complete Dentures on the Quality of Life of Edentulous Patients In the South Indian Population Based on Gender and Systemic Disease. Cureus.2019;11(6): e4916. <https://www.ncbi.nlm.nih.gov/pubmed/?term=The+Effect+of+Complete+Dentures+on+the+Quality+of+Life+of+Edentulous+Patients+In+the+South+Indian+Population+Based+on+Gender+and+Systemic+Disease>
3. Narayanan L, TV P, Vaidyanathan AK, **Raza FB***. Stress analysis of maxillary central incisors endodontically -treated with varying ferrule heights and three different post dowel materials- A finite element analysis. J Oral Res 2019; 8 (2):108 -115. <http://www.joralres.com/index.php/JOR/article/view/762/563>
4. Inbarajan A, Natarajan S, Thirumalai Thangarajan S, Seenivasan M, **Banu F**, Anand Kumar V. Impact of Prosthodontic Treatment on the Oral Health-related Quality of Life in Mucormycosis Patient: A Case Report. Cureus 2018 10(10): e3493. <https://www.ncbi.nlm.nih.gov/pubmed/30648035>
5. **Raza FB***, Vaidyanathan AK, Veeravalli PT, Ravishankar S, Ali AS. Analysis of crestal bone loss around single piece ball attachment 2 implant placed bilaterally in canine region and wear of O-ring in 3 implant supported overdenture: Three year follow-up. Clin Implant

- Dent Relat Res. 2018;20(3):403-9.
<https://www.ncbi.nlm.nih.gov/pubmed/29508911/>
6. **Fathima Banu R***, Minati Choudhary, Anand Kumar V. Post Rehabilitation Changes In An Irradiated Maxillofacial Tumor Defect- A Case Report. Sri Ramachandra Journal of Medicine.2017;10:1;29-31
 7. Natarajan S, Inbarajan A, Seenivasan M, **Banu FR***, Saravanan T T, Saran P. Prosthetic management of dentigerous cyst associated with impacted mandibular molar. Dent Med Res 2018;6:15-8
<http://www.dmrjournal.org/article.asp?issn=2348-1471;year=2018;volume=6;issue=1;spage=15;epage=18;aulast=Natarajan>
 8. Choudhury M, **Banu F***, Natarajan S, Kumar A, Tv P. A Multidisciplinary Approach for Rehabilitation of Enucleated Sockets: Ocular Implants with Custom Ocular Prosthesis. Cureus,2018; 10(2): e2201. <https://www.cureus.com/articles/10501-a-multidisciplinary-approach-for-rehabilitation-of-enucleated-sockets-ocular-implants-with-custom-ocular-prosthesis>
 9. Inbarajan A, **Banu F**, Tv P, Kumar A, Seenivasan M. Pre-surgical provisional prosthesis for immediate non-occlusal loaded flapless implant. Cureus, 2017, 9(6): e1345.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5509243/>
 10. **Raza FB***, Choudhary M, Kumar A, Inbarajan A, Kumar M, Natarajan P. Surgical to Interim–Chairside Management of Hemimaxillectomy Patient. Otolaryngol (Sunnyvale)2017. 7:1;289. [surgical-to-interimchairside-management-of-hemimaxillectomy-patient-2161-119X-1000289.pdf](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC5509243/)
 11. Kasim Mohammed, Shailee Swarup, Upali Elavia, **Fathima Banu.R***, S.Prasanna Kumar, A. Ravi Kumar. Enhancing retention in hair band retained bi-lateral silicone auricular Interim prostheses with substructure fabrication. International Journal of Research in dentistry. 2016;6:3;44-52.
<http://www.ordoneardentistrylibrary.org/Data/pdfs/IJRID/IJRID2194.pdf>
 12. **Banu R F***, Veeravalli PT, Kumar V A. Comparative Evaluation of Changes in Brain Activity and Cognitive Function of Edentulous Patients, with Dentures and Two-Implant Supported Mandibular Overdenture-Pilot Study Clin Implant Dent Relat Res. 2016 Jun;18(3):580-7.
<http://onlinelibrary.wiley.com/doi/10.1111/cid.12336/abstract>
 13. M. Reddi Narasimha Rao, N. Sinhachalam Reddy, C. Ramasamy, **R. Fathima Banu**. Spectrophotometric Analysis Of Residual Monomer In Acrylic Resin Samples Processed With Two Different Polymerization Methods. Indian Journal of Dental Sciences.2016;1:8:35-37. [article-pdf-M. REDDI_NARASIMHA_RAO_N. SIMHACHALAM_REDDY_C. RAM-936.pdf](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC5509243/)

14. Saravanan M, Kumar A*, Padmanabhan TV, **Banu F**. Viscoelastic properties and antimicrobial effects of soft liners with silver zeolite in complete denture wearers – an in-vivo study. *Int J Prosthodont*. 2015;28(3):265-9. www.ncbi.nlm.nih.gov/pubmed/25965641
15. Padmanabhan TV, **Banu RF***, Mahalakshmi A, Aziz A, Bohra S, Kumar VA. Dimensional change in soft tissues with complete dental prosthesis and its effect on airway space and natural head position. *Indian J Dent Res*. 2015;26(2):144-7. www.ncbi.nlm.nih.gov/pubmed/26096106
16. Athiban.I, **Fathima Banu R**, Anand Kumar, Madhan Kumar, Shanmuganathan Natarajan, Padmanabhan T.V. Evaluation of occlusal scheme with age changes in group of dental students during period of undergraduation. *International Journal of Research in dentistry*. 2014; 4;5:50-59.
www.ordoneardentistrylibrary.org/Data/pdfs/IJRID/IJRID1129.pdf
17. Mohamed K, Christian J, Jeyapalan K, Natarajan S, **Banu F**, Veeravalli PT. Identifying the position, visibility, dimensions and angulation of ear. *J Rehabil Res Dev*. 2014;51(4):599-608.
www.ncbi.nlm.nih.gov/pubmed/25144173
18. V. Anand Kumar, Seenivasan Madhan Kumar, Shanmuganathan Natarajan, Padmanabhan T. Veeravalli, Karthigeyan Jeyapalan, **Fathima Banu**. Dental Fear- a Cross Sectional Study among Various Age Groups of South Indian (Chennai) Population. *Journal of Scientific Research & Reports*. 2013; 2;2: 711-8. www.sciencedomain.org/abstract/1988
19. Seenivasan Madhankumar, Shanmuganathan Natarajan, Uma Maheswari, V. Anand Kumar, Padmanabhan T. Veeravalli, **Fathima Banu**. Palatal Rugae Pattern for Gender Identification among Selected Student Population in Chennai, India. *Journal of Scientific Research & Reports*. 2013;2;2: 491-6. www.sciencedomain.org/abstract/1751