

Dr.S. Madhan Kumar MDS, MSc (UK), MFDS RCPS (Glasg)
Associate professor,

Areas of Research Expertise

- Fixed Prosthodontics
- Removable Prosthodontics
- Implantology
- Maxillofacial Prosthodontics
- Esthetic Dentistry
- Epidemiology
- Dental Education

FUNDED PROJECTS -3 (Chancellor Summer Research Fellowship for Undergraduates (Value 10000, INR) status- completed

1. Age Related changes in oral mucosa of geriatric population
2. A Study to evaluate and compare the effects of persulfate containing denture cleansers and persulfate free denture cleansers on acrylic resin teeth stained with cigarette smoke.
3. A study to evaluate Surface roughness and adherence of Candida Albicans over denture base subjected to different polishing agents.

2. Awards Faculty:

- **Awarded Membership in Faculty of Dental Sciences Royal college of Physicians and Surgeons, Glasgow, United Kingdom**
- **Best Dental Educator Award-** Awarded in The World Dental and Oral Health Congress Conference held in London, United Kingdom
http://www.sriramachandra.edu.in/university/admin/images/newsletter/file/bri dges_june_171501480644.pdf
- **MSc Gerontology Degree** was Awarded from the University of Southampton, United Kingdom- 2014
- **Prestigious Commonwealth Scholarship** Awarded in 2013-2014 Underwent Research Training in the University of Southampton, United Kingdom 2014

Recognitions of Faculty:

- Moderator for a Scientific Session World Dental and Oral Health Congress 31st august and September 1st 2019, Chennai
- Chairperson for a Scientific Session World Dental and Oral Health Congress 31st august and September 1st 2019, Chennai
- Certificate of Commendation for obtaining MFDS RCPS, SRIHER
- Key Note speaker- Advanced Dentistry and Dental education held at New York, United States of America on 18th April 2019 “Antifungal efficacy and the mechanical properties of soft liners against Candida albicans after the incorporation of garlic and neem: An in vitro study”

- Key Note speaker- Advanced Dentistry and Dental education held at New York, United States of America on 19th April 2019 “Reasons and associated problems for not replacing lost teeth: A Cross-sectional survey”
- Moderator for a Scientific Session in Advanced Dentistry and Dental education on 19th April 2019 held at New York, United States of America.
- Chairperson for a Scientific Session, IPS and TNIPS conference in Yercaud from 23rd to 24th Feb, 2019
- Chairperson 6th star submit, Saveetha Dental college, 28th to 30th January, 2019
- Organizing committee member, 20th IPS National Postgraduate Student convention 6th-8th July, 2018.
- Chairperson, 20th IPS National Postgraduate Student convention 6th-8th July, 2018
- Moderator for a debate on immediate and delayed loading of dental implants at 6th Rapid Review and Revision Program in Prosthodontics held in Sri Ramachandra Medical College and Research Institute (Deemed to be University) from 7th February 2018.
- Member World Dental council, International Consultant, 2018
- Chairperson Showcase, Saveetha Dental college, 23rd to 24th, January, 2018
- Chairperson, IPS and TNIPS conference, Pudhucherry, 28th and 29th April, 2018
- Invited Key Note Lecturer - “Management of Endodontically treated teeth” At the World Dental and Oral Health Congress, 20th April 2017, London United Kingdom.
- Invited lecturer on “Prosthodontic Management of Endodontically treated teeth” at 5th Rapid Review and Revision Program in Prosthodontics held in Sri Ramachandra University from 6th February 2017.
- Guest speaker in CDE Programme on Dental implants- “Impression techniques for Implant” at Denplant 2017, on 24th July 2017.
- Invited lecturer on CDE Programme “Management of Endodontically treated Teeth” at Drs Sudha and Nageswara Rao Siddhartha Institute of Dental Sciences, Andhra Pradesh 27th September, 2014
- Guest lecturer in CDE Programme on “Conventional Complete Denture and Impressions for Complete Denture- A Hands- on Programme” – IDA Cuddalore Branch on 18th August 2013.

A. Conferences Attended:

INTERNATIONAL CONFERENCES

- Advanced Dentistry and Dental Education conference in New York, United States of America 18th to 20th April, 2019.
- 4th World dental and oral health congress 2019, at Chennai, 31st august to 1st September, 2019
- World Dental and Oral health congress conference, London, United Kingdom 19th and 20th April, 2017.
- 43rd IPS conference, Hyderabad, 4th to 6th December 2015.
- 40th IPS conference and 8th Biennial Meeting of Asian Academy of Prosthodontics, Chennai, Dec 2012.

NATIONAL CONFERENCES ATTENDED

- 10th IPS TNIPS conference, Yercaud from 23rd and 24th Feb, 2019
- 20th IPS PG CONVENTION 6-8TH JULY 2018
- 9th IPS TNIPS conference, Pondicherry from 28th and 2th April, 2018
- National conference on Academia, industry collaboration, opportunities and challenges 2nd to 4th March-2017.

Seminars attended:

1. An update for dentist in oral cancer detection and prevention 25th July, 2019, SRIHER
2. Seminar by DR.P.RAVI SHANKAR, Phd- BASICS IN STATISTICS- 8.08.2019, SRIHER
3. Seminar by DR.AKILA GANESH- CONCEPTS OF EPIDEMIOLOGY AND STUDY DESIGN- 14.08.2019, SRIHER
4. Seminar by DR.AKILA GANESH- Sampling Methodology and SYSTEMATIC REVIEW- 03.09.2019, SRIHER
5. Seminar by DR.K.VIGNESH- LIBRARY DISSERTATION- WHY AND HOW- 13.08.2019, SRIHER
6. Seminar by DR.SRIDEVI PADAMANABHAN- HOW TO WRITE MAIN DISSERTATION- 23.08.2019 ,SRIHER
7. Attended CDE on infection control- 21/02/18.
8. Attended CDE on Needle Stick Injury on 15th March 2018 Early Caries Research - 29/08/18
9. Attended CDE on CBCT in Dentistry- 20 and 21st December, 2017.
10. Modern day oral hygiene aids, SRIHER
11. World mental health day- 11/10/18.
12. Anti-Raging meeting by Dr.S.M.Balaji- 19/12/18.
13. Attended CDE on Science beyond Textbook, 2018
14. Dissemination program for ICMR national ethical guidelines 2017, SRMC &RI, February 7.
15. 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
16. Financial management in dental practice, Faculty of Dental Sciences, SRU on 05.07.16
17. Critical appraisal of research article for Reviewers, SRU ON 7-8/08/16
18. Ill effects of drug abuse and addiction, SRU ON 07.09.2016

Reviewer panel:

1. Journal of Indian Prosthodontic society
2. Journal of International society of preventive and community dentistry
3. Indian Journal of Dental Research

Workshops attended:

1. Treatment modalities in full mouth rehabilitation 05.03.2019, Thai Moogambigai Dental college
2. Teachers Training programme- faculty of Dental Sciences, SRIHER 2nd and 3rd April, 2019
3. 7th Rapid review and revision course conducted by Department of Prosthodontics, Faculty of dental sciences on 4-6th Feb 2019
4. Research methodology workshop, 3rd October, 2018, SRIHER
5. Cde- Role of Composite in Clinical Practice, Srnc & Ri, 25/01/2018
6. 6TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 5-7th Feb 2018

7. 5TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 6-8th feb 2017
8. Prof. Ruji Hosakawa interactive session, SRU, on 24 -02-2017
9. CDE on CBCT IN dentistry, SRU, 20,21 December 2017
10. Workshop on “Critical Appraisal on Primary and Secondary Research” held on 7th and 8th August 2016 at Department of Prosthodontics, SRU, Porur, and Chennai.
11. Workshop on “Critical Appraisal of Research Articles for Journal Clubs” on January 28th 2016 at Sri Ramachandra University.
12. Indo US full bright program on Research capacity building 17/09/16
13. Workshop on “IEC Requisites and Review of Proposals” organised by institutional Ethics Committee, Sri Ramachandra University on 12th January 2016.
14. Critical appraisal of research article for Reviewers, SRU ON 7-8/08/16 Ill effects of drug abuse and addiction, SRU ON 07.09.2016.
15. Workshop on Basic Life Support organized by Sri Ramachandra University on August, 2015.
16. Faculty Development Programmes undergone at Sri Ramachandra University “Black is Beautiful” on 22nd Jan 2014.
17. Faculty Development Programmes undergone at Sri Ramachandra University “Teaching, the teacher in the taught” on 11th March 2014.
18. Faculty Development Programme for Voice Modulation, a Dental Education Unit program at Sri Ramachandra University, on 11th March 2014.
19. Workshop on Current Concepts in Oral Implantology held at Saveetha Dental College on 9th and 10th May 2014.
20. Workshop on “Grant and Publication Writing” Date: 14th to 25th September, 2015.
21. Dental Implant Competence Program conducted by Faculty of Dental Sciences, Sri Ramachandra University and Equinox from 14th – 16th June 2012.
22. National Level Seminar & Workshop on “Quality Sustenance in Research Publications” organized by the Internal Quality Assurance Cell, SRU on 4th – 5th June, 2012.
23. Faculty Development Workshop organized by the Dental Education Unit conducted at Sri Ramachandra University on 9th & 10th Aug 2012.
24. Participated as delegate in the lecture on “Basics of HIV and PEP (Post Exposure Prophylaxis)” conducted on 8th August 2011 held at Faculty of Dental Sciences, Sri Ramachandra University, Chennai, by the Department of Oral Medicine and Radiology.
25. Clinical hands on course on / laboratory hands on course on “Predictable Implantology” conducted at SRIHER on November 2009.
26. Attended the “Tamilnadu State-level workshop for Post Graduates on Thesis Selection, writing and publishing” on Saturday, 18th of April 2009 at Sri Ramachandra Dental College, Porur, Chennai.
27. Participated in the “Rhein83 Precision Attachment workshop” held at Sri Ramachandra Dental College and Hospital on 7th and 8th August 2008.

PROGRAM ORGANISED

- 7TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 4-6th feb 2019
- Basics in Maxillofacial Prosthetics- Immediate surgical obturator – 22-24th Jan, 11-13th Feb 2019

- 6TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 5-7th Feb 2018
- 4 module programs on BASIC IMPLANTOLOGY for Interns in SRIHER 2018.
- 20th Ips Pg convention 6 July 2018 – preconference course on ocular prosthesis- from impression to insertion.
- 5TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 6-8th feb 2017
- “Basic Implantology” program for Professional and personal enhancement program for Interns, faculty of dental sciences on 16th April 2017
- All India dental students conference, Midas, 15-17TH December 2017
- 4TH Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences on 18-20th feb 2016
- Critical appraisal of research article for Reviewers by Department of Prosthodontics, faculty of dental sciences on 7-8/08/16
- 3rd Rapid review and revision course conducted by Department of Prosthodontics, faculty of dental sciences, 09-11/02/15

5. Membership Committee

- NAAC Department Co-Ordinator
- Member Placement Cell Committee
- Member College Quality Cell- University Committee
- Member NABH Committee Member
- NIRF Committee member

6. List of Publication

1. **Madhan Kumar Seenivasan**, Fathima Banu, Athiban Inbarajan, Parthasarathy Natarajan, Shanmuganathan Natarajan, V Anand Kumar. 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/pmc/articles/PMC6692104/>
2. Shanmuganathan Natarajan, Banu Fathima, **Madhan Kumar**, Vamsi Lavu. Management of Shallow Vestibule with Reduced Attached Gingiva in Fixed Prosthetic Intervention. *Cureus* 2019 11(6): e4975.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6713255/>
3. Parthasarathy Natarajan, Minati Choudhury, **Madhan Kumar Seenivasan**, Karthigeyan Jeyapalan, Shanmuganathan Natarajan, Anand Kumar Vaidhyanathan. Body Mass Index and Tooth Loss: An Epidemiological Study in a Sample of Suburban South Indian Population *J Pharm Bioallied Sci.* 2019 May; 11(Suppl 2): S402–S406
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6555351/>
4. Sumathi nitin, T.V.Padamanabhan, Anand Kumar, Uma Maheswari, Parthasarthy Natarajan, **Seenivasan Madhan kumar**. Evaluation of stress distribution in bone around implant and tooth in tooth implant supported fixed prosthesis with variations in Non-rigid connector design and location: A 3D finite element analysis. *Indian journal of Dental Research* 2018;29:634-64 <http://www.ijdr.in/text.asp?2018/29/5/634/244944>
5. **Seenivasan Madhankumar**, V. Anand Kumar, Parathasarthy Natrajan, Gayathri Sreenivasan. Antifungal Efficacy and the Mechanical Properties of Soft Liners against *Candida albicans* after the Incorporation of Garlic and Neem” An In vitro Study. *J Int Soc*

Prev Community Dent. 2018 May-Jun; 8(3):212-217.

https://doi.org/10.4103/jispcd.JISPCD_343_17

6. 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 Oct 24;10(10):e3493
<https://www.ncbi.nlm.nih.gov/pubmed/30648035>
7. **Seenivasan Madhan Kumar**, Karthigeyan Jeyapalan, Uma Maheswari Mani, Parthasarathy Natarajan, Shanmuganathan Natarajan and V. Anand Kumar. To Evaluate Self-Reported Oral Health Attitudes, Behaviour and to Compare the Oral Health Attitudes among Students of Different Years of a Dental School in South-India. *Biomed. & Pharmacol. J*, Vol. **11**(3), 1659-1666 (2018).
<https://biomedpharmajournal.org/vol11no3/to-evaluate-self-reported-oral-health-attitudes-behavior-and-to-compare-the-oral-health-attitudes-among-students-of-different-years-of-a-dental-school-in-south-india/>
8. Parthasarathy Natarajan, **Seenivasan Madhankumar**, Karthigeyan Jeyapalan, Shanmuganathan Natarajan, V. Anand Kumar and R. Sruthi. Reasons and Associated problems for not replacing lost teeth: A Cross sectional Survey. *Biomedical & Pharmacology Journal* 2018, Vol. 11(2),965-969.
<http://biomedpharmajournal.org/vol11no2/reasons-and-associated-problems-for-not-replacing-lost-teeth-a-cross-sectional-survey/>
9. Shanmuganathan Natarajan, Athiban Inbarajan, **Madhan Seenivasan**, Fathima R.Banu, T. T. Saravanan, Prathiba Saran. Prosthetic Management of Dentigerous Cyst Associated with Impacted Mandibular Molar. *Dentistry and Medical Research* 6 (1) January-June **2018**.<http://www.dmrjournal.org/article.asp?issn=23481471;year=2018;volume=6;issue=1;spage=15;epage=18;aulast=Natarajan>
10. Fathima, Minati, Anand Kumar, Athiban I. **Seenivasan Madhan kumar**, Parthasarathy. Surgical to interim- Chairside Management of hemimaxillectomy Patient. *Otolaryngol (Sunnyvale)*. 2017, 7:1:289 <https://www.omicsonline.org/open-access/surgical-to-interimchairside-management-of-hemimaxillectomy-patient-2161-119X1000289.php?aid=85686&view=mobile>
11. Athiban I, Fathima Banu R, Padmanabhan TV, Anand Kumar V, **Madhan Kumar**. Pre-surgical provisional prosthesis for immediate non-occlusal loaded flapless implant. *Cureus*, 2017, 9(6): e1345.doi:10.7759/cureus.1345.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5509243/>
12. Karthigeyan Jeyapalan, Uma Maheswari Mani, Jayanth Christian, **Madhan Kumar Seenivasan**, Parthasarathy Natarajan, Anand Kumar Vaidhyanathan. Influence of Teaching Strategies and its Order of Exposure on Pre-Clinical Teeth Arrangement – A Pilot Study. *J ClinDiagn Res*. 2016 October; 10(10): ZC93 - ZC97.
http://www.jcdr.net/article_fulltext.asp?issn=0973709x&year=2016&month=October&volume=10&issue=10&page=ZC93-ZC97&id=8677/
13. Santhanakrishnan Muthukumar, Shanmuganathan Natarajan, **Seenivasan Madhankumar**, Jayakrishnakumar Sampathkumar. Lip repositioning surgery for correction of excessive gingival display. *Journal of Pharmacy and Bioallied Sciences*.2015;Vol7Supplement2:S794-796
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4606714/>
14. Shanmuganathan Natarajan, **Seenivasan Madhankumar**, Karthigeyan Jeyapalan,I. Athiban, S. Elengkumaran, K. P. S. Periyakaruppiyah. Disto-angular transmigrated impacted mandibular molar with enostosis: A rare intraoral lesion. *Journal of Pharmacy*

and Bioallied Sciences.2015; Vol 7 Supplement 2:S791-793.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4606713/>

15. **Seenivasan Madhankumar**, Kasim Mohamed, Shanmuganathan Natarajan, V. Anand Kumar, I. Athiban, T. V. Padmanabhan. Prevalence of partial edentulousness among the patients reporting to the Department of Prosthodontics Sri Ramachandra University Chennai, India: An epidemiological study. Journal of Pharmacy and Bioallied Sciences.2015; Vol 7 Supplement 2:S643-S647. <http://doi.org/10.4103/0975-7406.163580>
16. Athiban. I, Fathima Banu. R, Anand Kumar.V, **Madhan Seenivasan**, Shanmuganathan, Natarajan, Padmanabhan. T Veeravalli. Evaluation of occlusal scheme with age changes in a group of dental students during their period of undergraduation. International Journal of Research in Dentistry (IJRID).2014; Vol 4 issue (5).
www.ordoneardentistrylibrary.org/Data/pdfs/IJRID/IJRID1129.pdf
17. S. Muthukumar, M.VijayAnand, **Seenivasan Madhankumar**. Relationship between gingival bleeding and anaerobic periodontal infection assessed by BANA (NBenzoyl-DL-Arginine- β -Naphthylamide) assay. J Pharm BioallSci 2014; Vol6:S70-3.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4157285/>
18. V. Anand Kumar, **Seenivasan Madhan Kumar**, Shanmuganathan Natarajan, Padmanabhan T. Veeravalli, Karthigeyan Jeyapalan and Fathima Banu. Dental Fear- a Cross Sectional Study among Various Age Groups of South Indian (Chennai) Population. Journal of Scientific Research and Reports, 2013, ISSN; Vol.:2, Issue: 2:2320–0227.
<http://www.sciencedomain.org/download/MTk4OEBAcGY.pdf>
19. **Seenivasan Madhankumar**, Shanmuganathan Natarajan, Uma Maheswari, V. Anand Kumar, Padmanabhan T. Veeravalli1 and Fathima. Palatal Rugae Pattern for Gender Identification among Selected Student Population in Chennai, India. Journal of Scientific Research & Reports.2013; Vol 2, Issue 2: 491-496.
<http://www.sciencedomain.org/download/MTc1MUBAcGY.pdf>
20. Kasim Mohamed, Uma, **Madhankumar Seenivasan**, Anand kumar, T.V.Padmanabhan. Comparison of two impression procedures for an auricular prosthesis. Pilot study. JRRD.2013; Vol50, Issue 8:pp1079-1088.
www.rehab.research.va.gov/jour/2013/508/pdf/jrrd-2012-08-0145.pdf
21. Anand kumar.V, Kasim Mohamed, **Madhankumar Seenivasan**, P.Prathibha, T.V.Padmanabhan. Simplified approach for prosthetic rehabilitation of an enucleated ophthalmic socket. Journal of Indian Prosthodontics Society.2012
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4148506/pdf/13191_2012_Article_164.pdf
22. Shanmuganathan Natarajan, T.V.Padmanabhan, R.Subramaniam and **Madhankumar Seenivasan**. The compliance of temporary soft lining materials-An in vivo and vitro study. International journal of scientific and Research Publication.2012; Vol-2, Issue 6.
http://www.ijsrp.org/research_paper_jun2012/ijsrp-June-2012-101.pdf
23. **Madhankumar Seenivasan**, Venkatesan Singram, Shanmuganathan Natarajan. Oral hygiene awareness among two nonprofessional college students in Chennai, India. A pilot Study. International journal of scientific and Research Publication.2012;Vol-2, issue, 5.
http://www.ijsrp.org/research_paper_may2012/ijsrp-may-2012-43.pdf
24. **Madhankumar Seenivasan**, Ragavendra Jayesh, Anand kumar, Manita. Effect of conventional welding and laser welding on the tensile strength, ultimate tensile strength and surface characteristics of two cobalt-chromium alloy- A comparative study. Journal of Indian prosthodontics society, 2012; Vol 12, Issue 2:87–93.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3382362/>

25. Shanmuganathan Natarajan, **Madhan Kumar Seenivasan**, T.V.Padmanabhan. Bone level impression in the aesthetic zone – case report. Guident.2011; Vol 4, Issue 6.
26. S. Natarajan, **Madhankumar Seenivasan**, R. Paturu, Q. Arul & T. V. Padmanabhan. Dental Fear and Anxiety in Different Gender of Chennai Population. The Internet Journal of Epidemiology.2009; Vol 9 Number1.
https://print.ispub.com/api/0/ispub_article/3434

Books Authored

1. **Evolution of Metals/Alloys Used in Prosthodontics: Prosthodontic Alloys.** September 24, 2012, **Madhankumar Seenivasan (Author)**. Publisher: LAP LAMBERT Academic Publishing (September 24, 2012 Hennich bocking str.6-8, 66121 Saarbrucken, Deutschland/German.ISBN-10:3659251968.ISBN-13:978-3659251962. <https://www.lappublishing.com/>
2. **Retention in maxillo-facial prosthodontics: methods of retention.** November 1, 2012, **Madhankumar Seenivasan (Author)**. Publisher: LAP LAMBERT Academic Publishing (November 1, 2012). Hennich bocking str.6-8, 66121 Saarbrucken, Deutschland/German.ISBN-10:3659264822.ISBN-13:978 3659264825.<https://www.lappublishing.com/>.

Colour atlas for Pre- clinical prosthodontics. V.Anand kumar, Kasim Mohammed, N. Shanmuganathan, **S. Madhan kumar**, M. Uma Maheswari, Jayanth Christian. Notion Press.
https://www.amazon.in/Art-Learning-Preclinical-Prosthodontics/dp/1644293129?tag=googinhydr18418-21&tag=googinkenshoo21&ascsubtag=k_CjwKCAjw8qjnBRAEiwAaNvhwJFQNcb97N4Fvos4b8s1EaHRwmnqZZ05Q8wnIS5N5Q3ASWIDATaPLBoCDDEQAvD_BwE_k_&gclid=CjwKCAjw8qjnBRAEiwAaNvhwJFQNcb97N4Fvos4b8s1EaHRwmnqZZ05Q8wnIS5N5Q3ASWIDATaPLBoCDDEQAvD_BwE