



R. Sathyanarayanan

- Specialist – Consultant, Department of Conservative Dentistry & Endodontics, Vishnu Dental College, Bhimavaram, Andhra Pradesh.
- Former PG Co ordinator, Professor & Head, Department of Conservative Dentistry & Endodontics, *Indira Gandhi Institute Of Dental Sciences, Sri Balaji Vidhyapeeth University, Pondicherry*
- Private Practitioner
- Director, www.onlinedentallearning.com
- Director, Practice Oriented Workouts in Endodontics and Restorative dentistry

Education

1983 - 1987 MADRAS DENTAL COLLEGE, MADRAS UNIVERSITY. BACHELOR OF DENTAL SURGERY

1992 - 1994 KING GEORGE'S MEDICAL COLLEGE, LUCKNOW UNIVERSITY. MASTER OF DENTAL SURGERY, Conservative dentistry and Endodontics.

March 2015-Dec 2015 SBV, Certificate course in "Education Science and Technology for Dental Professionals"

Professional experience

November 1987 - November 1988 - MADRAS DENTAL COLLEGE, HOUSE SURGEONCY, Clinical work in all disciplines.

October 1991 - May 1992 - SAVEETHA DENTAL COLLEGE AND HOSPITAL, CHENNAI. LECTURER, Teaching under graduates.

January 1989 - May 1992 – CHENNAI, PRIVATE PRACTICE.

June 1992 - June 1994 -. KING GEORGE'S MEDICAL COLLEGE, LUCKNOW. P.G. JUNIOR RESIDENCY, Post graduation in Conservative dentistry and endodontics.

April 1995 - March 1997 - BAPUJI DENTAL COLLEGE AND HOSPITAL, DAVANGERE, ASSISTANT PROFESSOR, Teaching undergraduates.

April 1997 - August 1997 - COLLEGE OF DENTAL SCIENCES, DAVANGERE, ASSISTANT PROFESSOR, Teaching undergraduates.

August 1997 - April 1998 - MAHATMA GANDHI DENTAL COLLEGE AND HOSPITAL, PONDICHERRY, LECTURER, Teaching undergraduates.

April 1998 - November 2000 - MAHATMA GANDHI DENTAL COLLEGE AND HOSPITAL, PONDICHERRY, ASSISTANT PROFESSOR, Teaching undergraduates.

November 2000 – August 2003 - RAJA MUTHIAH DENTAL COLLEGE AND HOSPITAL, ANNAMALAI UNIVERSITY, Associate Professor Teaching undergraduates.

August 2003 - October 2007 - RAJA MUTHIAH DENTAL COLLEGE AND HOSPITAL, ANNAMALAI UNIVERSITY, Professor, Teaching undergraduates and postgraduates

From July 2008- till June 26th 2013, - BAPUJI DENTAL COLLEGE AND HOSPITAL, DAVANGERE, Professor, Teaching undergraduates and postgraduates

From 1st July 2013 – till 20th August 2016, Professor ,Head of the Department and PG Co-ordinator, INDIRA GANDHI INSTITUTE OF DENTAL SCIENCES, SRI BALAJI VIDHYAPEETH UNIVERSITY, PONDICHERRY, Teaching undergraduates and postgraduates.

From August 2018 – till date, Specialist – Consultant, Department of Conservative Dentistry and Endodontics, Vishnu Dental College, Bhimavaram, Andhra Pradesh.

Inventions

Invented, improvised and fabricated few small things for efficient work atmosphere in dentistry. The following three are worth mentioning:

- *Thermo-photo catalytic chair side curing unit for indirect composites.*
- *Complete gold foil operatory kit with electro mallet.*
- *“Caries risk assessment grid” for identifying caries risk status of individuals. (Applied for patent)*

Paper Presentations - 6

"Comparative evaluation of surface structure and bond strength of acid etch technique and crystal growth technique for composite resin restoration" presented in the 10Th FODI and 3rd IES at Lucknow on the 25th and 26th of November 1995.

"Is comprehensive care system an alternate approach to dental clinical curriculum? A survey study" presented in the 24th Karnataka State dental conference, IDA, Davangere branch on the 11th & 12th of November 1995.

"Transparent tooth - an endodontic preclinical aid " presented in the 11Th FODI and 4Th IES on 24th & 25th of November 1996 at Amritsar.

"Vini, vidi, vici - single sitting root canal treatment" presented in the 13Th FODI and 6Th IES on the 4Th, 5Th and 6Th December 1998 at Mumbai.

"*Management of Dental caries- A novel approach*", presented in the 15th FODI and 8th IES on 18th to 21st January 2001.

"Product Profiles + Interesting Clinical Techniques" presented in the Clinical Society Meeting at Sri Balaji Vidhyapeeth, Puducherry, on 27th January 2016.

Paper Publications - 34

"*New concepts in cavity preparation - A review*" published in the Journal of FODI: 1997: 4(1): 13 - 17.

"*Crystal growth technique for composite resin bonding - A SEM study*" published in Indian J Dent Res. Vol. 9 No. 3, 1998, 99 - 103.

"*Crystal growth bonded composite restorations - A bond strength evaluation*" published in Indian J Dent Res. Vol. 9 No. 3, 1998, 105 - 108.

"*Dens Invaginatus: Endodontic management of two cases*", Journal of endodontology Dec 2000, vol.12 issue 2

"*Taurodontism –Review and an endodontic case report*" Journal of endodontology june 2001, vol. 13 issue 2

Classification and management of Dental Caries - New concepts, IJDR Vol.13,No1,Jan-Mar,2002.

Sudoku on "*Caries risk assessment*" Journal of Conservative dentistry, 2005;8(3)

"*Use of an aqueous extract of Terminalis chebula as an anticaries agent: a clinical study*". Indian J Dent Res. 2007 Oct-Dec ;18(4):152-6.

"*Dental Caries*" - *A complete Change Over (Part 1)*. Journal of Conservative Dentistry 2009; 12(2): 46 - 54.

"*Dental Caries: A complete changeover (Part II)*. Changeover in the diagnosis and prognosis." Journal of conservative dentistry (serial online)2009 (cited 2009 Nov9), 12:87-100

Carounanidy U, Sathyanarayanan R. *Dental caries: A complete changeover, PART III: Changeover in the treatment decisions and treatments*. J Conserv Dent [serial online] 2010 [cited 2011 Jan 12];13:209-17.

Deepak J. Parekh , Ramarao Sathyanarayanan, Mangala Tiptur Manjunath; *Clinical Management of Mid-Root Fracture in Maxillary Central Incisors: Case Reports*:Int J Oral Sci, 2(4): 215–221,2010.

Deepak J. Parekh, Sathyanarayanan R. Nonsurgical Endodontic Retreatment of a Mandibular First Molar with Five Canals: 1-Year Follow-up:Compendium Of Continuing Education In Dentistry, March 2012:33(3).

" Flexural strength of Resin based composites reinforced with commercially available polyethylene woven fiber : An In vitro study". Journal of scientific dentistry 2012; 2 (1): 6-11.

Sathyanarayanan R Who are "YOU" to you? Journal of Scientific Dentistry, 4 (1), 2014:1 – 2

Barkha J, Sathyanarayanan R.A Conservative Approach for Restoration of Grossly Decayed Vital Posterior Teeth using Fiber Reinforced Composites-A Case Series Journal of Scientific Dentistry, 4(1), 2014:9-23

Mithunjith K, Jerry J, Sathyanarayanan R. Calcium Hydroxide Therapy for Persistent Chronic Apical Periodontitis : A Case Series. *Journal of Scientific Dentistry*, 4(1), 2014:24-37

Anamika T, Sathyanarayanan R. Endodontic management of tooth with open apex using MTA as apical barrier and platelet rich fibrin membrane as internal matrix: A case report. *Journal of Scientific Dentistry*, 4(1), 2014:46-52

Sathyanarayanan R, Gayathri N. Endodontic Management with Mesio Buccal Root Resection of Bilateral Maxillary First Molar: A Picture Presentation. *Journal of Scientific Dentistry*, 4(1), 2014:70-77

Sathyanarayanan R. The "Physics and Chemistry" behind the "Biology" of pulpal regeneration. *Ann.SBV*, July-Dec 2014;3(2)

Sathyanarayanan R. Do We Observe While Learning and Teaching? *Journal of Scientific Dentistry* 2014;4(2):1-2

Mintu EB, Usha C, Saranya R, Sathyanarayanan R. Correlation of the Bucco-lingual width and the incidence of two canals in Mandibular Incisors – An Observational Study. *Journal of Scientific Dentistry* 2014;4(2):14-19

Carounanidy Usha, Sathyanarayanan R, S Mithunjith, Sudagar. Accidental Ingestion of Irrigation needle during Endodontic Procedure—Use of digital fluoroscopy in management. *M. Journal of scientific dentistry* 2015;5(1): 52-57

Anubhav Sood, Sathyanarayanan R, Usha C. Influence of different crosshead speeds on diametral tensile strength of a methacrylate based resin composite: An in-vitro study. *Journal of Conservative Dentistry*. May-June 2015:vol.18 Issue 3

Sathyanarayanan R. Direct filling gold and cast gold workshop report. *J Conserv Dent* Nov-Dec 2015;18:504.

Sathyanarayanan R, Usha C, Sudagar R. Reliability and validity of ICDAS II coding for occlusal caries using magnification: An invitro study. *Int J Sci Rep* 2017;3(6):149-55.

G.Jeya Gopika¹, Sathyanarayanan Ramarao¹, Carounanidy Usha¹, Bindu Meera John¹, N. Vezhavendhan² - Histological evaluation of human pulp capped with light-cured calcium based cements: a randomized controlled clinical trial – *International Journal of Scientific Reports*, 2017 May;3(5):120-127

Carounanidy Usha¹, Sathyanarayanan Ramarao, Bindu Meera John, Praveen Rajesh, S Swatha. Evaluation of the Shear Bond Strength of Composite Resin to Wet and Dry Enamel Using Dentin Bonding Agents Containing Various Solvents: *Journal of Clinical and Diagnostic Research*. January 2017;vol. 11 Issue 1.

S. Vijayaraja, Carounanidy Usha, R Sathyanarayanan, Bindu MJ, Karpagavinayagam et al. Cariogenic microflora and pH in superficial and deep layers of occlusal carious lesions -A metagenomic analysis. *Journal of Advanced Clinical and Research Insights* 2017; 4(4):124-128.

Usha C, Ramarao S, John BM, Babu ME. Anticariogenicity of *Stevia rebaudiana* Extract when used as a Mouthwash in High Caries Risk Patients: Randomized Controlled Clinical Trial. *World J Dent* 2017;8(5):364-369.

Usha C, Rao SR, George GM. A comparative evaluation of the staining capacity of microhybrid and nanohybrid resin-based composite to Indian spices and food colorants: An In vitro study. *Indian J Dent Res* 2018;29:201-5

U. Sathyanarayanan*, S. Ramarao. *CRA Grid: Preliminary Development and Calibration of a Paper Based Objectivization of Caries Risk Assessment*. *Caries Res* 2018;52:468–547, Abstract No: 144, 65th ORCA Congress July 4–7, 2018, Copenhagen, Denmark.

Ramarao S, Sathyanarayanan U. CRA Grid - *A preliminary development and calibration of a paper-based objectivization of caries risk assessment in undergraduate dental education.* J Conserv Dent 2019;22:185-90.

Thakur A, Ramarao S. *A comparative evaluation of fracture resistance of endodontically treated premolar teeth reinforced with different prefabricated and custom made fiber-reinforced post system with two different post lengths: An in vitro study.* J Conserv Dent 2019;22:376-80.

Book/Chapter Publication - 5

"*Trouble shoot in Endodontics - A guide to General Dental Practitioners*" authored a textbook published in 2000 by JAYPEE publications, New Delhi. Available at: Jaypee publications, 282 III floor, Khaleel Shirazi Estate, Fountain Plaza, , Chennai.

"*Study Protocols in Restorative Dentistry*"- Chapter contribution in the book titled "*Future Advances in Conservative dentistry and Endodontics*" by Prof. L. Lakshminarayanan & Dr. C.V.N. Rao in 2002.

"*Electronic Data Base and Evidence Based Decision Making*"- Chapter contribution in the book titled "*Future Advances in Conservative dentistry and Endodontics*" by Prof. L. Lakshminarayanan & Dr. C.V.N. Rao in 2006.

"*Chapter titled , "Retreatment in endodontics" in problem solving in endodontics, published by Indira Gandhi National Open University, 2009.*

"*Standard operating procedures (SOP): A Manual on Postgraduate Clinical Exam Cases in Conservative Dentistry and Endodontics*",2015.

CD Publication - 3

"*Endo for all*" in collaboration with IDA and RMDCH.

"*Endodontics for all Seasons*" Interactive Forum 2002, RMDCH.

"*Dental Caries - the fourth dimension*" Interactive Forum 2005, RMDCH.

Online publications

About 110 publications through the web site [www. onlinedentallearning.com](http://www.onlinedentallearning.com) with 100 case reports, 3 e-presentations, 7 e-articles, more than 100 question and answers.

Zirconia ceramic bridge, *July 2006.*

Maryland bridge, *July 2006.*

Tips and tricks, *September 2006.*

Evidence based dentistry, *September 2006.*

Study protocol, *September 2006.*

Resin composite restorations, *October 2006.*

Is old is still gold?, *November 2006.*

Pin amalgam, *August 2008.*

Amalgam composite, *August 2008.*

Composite veneer, *August 2008.*

Composite amalgam restorations, *August 2008*.
Class I composite, *August 2008*.
Class III LCR, *August 2008*.
Class III composite, *August 2008*.
Composite facing, *August 2008*.
Composite for tooth fracture, *August 2008*.
Composite inlay, *August 2008*.
Composite for canine conversion, *August 2008*.
Diastema closure, *August 2008*.
Diastema closure in incisors, *August 2008*.
Diastema closure in laterals, *August 2008*.
Diastema closure in upper anteriors, *August 2008*.
Hidden caries in premolar, *August 2008*.
Pinlay, *August 2008*.
Pulp capping as interim treatment, *August 2008*.
Post resin composite restoration, *August 2008*.
Preventive resin restoration, *August 2008*.
Diastema closure with resin composite, *August 2008*.
Golden proportion analysis, *August 2008*.
Indirect resin inlay, *August 2008*.
8 years follow up of root canal therapy, *August 2008*.
Glass fiber post and core, *August 2008*.
Glass fiber post, *August 2008*.
Cast gold post and core, *August 2008*.
Broken lentulospiral, *August 2008*.
Intra oral sinus management, *August 2008*.
Two distal canals in mandibular molars, *August 2008*.
Time taken from vital to non vital status, *August 2008*.
Type IV canal configuration, *August 2008*.
Sectional obturation, *August 2008*.
Preplanning for post endo management, *August 2008*.
Prefabricated metal post, *August 2008*.
Maxillary lateral incisor curvature, *August 2008*.
Hybrid technique for cleaning and shaping, *August 2008*.
Endoflas root canal sealer, *August 2008*.
Customised cone obturation, *August 2008*.
Calcium hydroxide therapy, *August 2008*.
Apexification, *August 2008*.
Accessibility in mandibular third molar, *August 2008*.
Importance of post endodontic restoration, *August 2008*.
Emergency management of fractured tooth, *August 2008*.
Palato gingival groove in right lateral, *August 2008*.
Palato gingival groove, *August 2008*.
Coagulated pulp, *August 2008*.
Sinus tracing, *August 2008*.
Post obturation view, *August 2008*.
Presence of two canals, *August 2008*.
Post endodontic restoration, *August 2008*.

Post endodontic management in lower molar, *August 2008*.
Post crown - change in tooth angulation, *August 2008*.
Post and core in molar, *August 2008*.
Post and core, *August 2008*.
Guidance for orifice location, *August 2008*.
Extra canals, *August 2008*.
Custom made matrix band, *August 2008*.
Core build up, *August 2008*.
Clean pulp chamber, *August 2008*.
Distal caries in maxillary molars, *August 2008*.
Buccal caries and root canal therapy, *August 2008*.
Abrasion and root canal therapy, *August 2008*.
Cast gold endodontic post, *August 2008*.
Orifice - maxillary second molar, *August 2008*.
Locating mesial canals in lower molars, *August 2008*.
Repositioning of fractured tooth fragment, *August 2008*.
Long span mandibular bridge, *August 2008*.
Gold onlay, *August 2008*.
Attachment prosthesis, *August 2008*.
Foreign body, *August 2008*.
Coping denture, *August 2008*.
Maxillary molar bridge, *August 2008*.
Conservative bridge, *August 2008*.
Anterior bridge, *August 2008*.
Post graduate pre clinical work book, *December 2008*.em>
Fractured veneer management, *March 2009*.
Diastema closure for central and lateral, *March 2009*.
Esthetic rehabilitation of mesiodens, *March 2009*.
Tooth recontouring and diastema closure, *March 2009*.
Pin composite, *March 2009*.
Magic foam cord, *March 2009*.
Management of vertical fracture, *March 2009*.
Maxillary premolar with three canals, *April 2009*.
Hemisection management, *April 2009*.
Cervical caries management, *April 2009*.
Secondary caries, *April 2009*.
Post selection, *April 2009*.
Alternate to implant prosthesis, *April 2009*.
Tooth pontic, *April 2009*.
Cast post and core in posterior teeth, *May 2009*.
Mandibular premolar with two canals, *May 2009*.
Repair of core under old ceramic bridge, *May 2009*.
Pinjet system for posteriors, *May 2009*.
Procedural data card for direct restorations, *May 2009*.
Procedural data card for root canal therapy, *May 2009*.
Rehabilitating full mouth, *May 2009*.
Overdenture, *June 2009*.
Direct resin composite veneer, *July 2009*.

Indirect resin composite veneer, *July 2009*.
Recontouring for esthetic rehabilitation, *July 2009*.
Resin composite veneer for fluorosis, *July 2009*.
Retreatment and reconstruction, *July 2009*.
Fate of full mouth management, *July 2009*.
Steps for attachment prosthesis, *July 2009*.
Full mouth rehabilitating, *July 2009*.
Bar attachment for cast partial denture, *July 2009*.
Re establishing the vertical height, *July 2009*.
Rehabilitation of full mouth, *July 2009*.
Reference vard, *October 2009*.
Documentation in conservative dentistry, *October 2009*.
Thesis manuscript submission form, *October 2009*.
Ceramic veneer, *January 2010*.
Lateral Richmond crown, *January 2010*.
Gingival ceramic, *January 2010*.
Esthetic correction of rotated teeth, *January 2010*.
Premolar post and core, *January 2010*.
Reconstruction of root stump, *January 2010*.
Radical treatment for high esthetic expectations, *January 2010*.
Failure of fracture fragment re attachment , *January 2010*.
Custom made cast post and core, *January 2010*.
Alternate treatment plan for hemisection, *January 2010*.
Gold pinlay, *June 2010*.
Treatment plan for proper contact, *June 2010*.
Direct - indirect resin restoration, *June 2010*.
Gold inlay, *June 2010*.
Pit and fissure sealant, *June 2010*.
Zirconia ceramic crown margin, *June 2010*.
How to do fissurotomy for non cavitated enamel caries?, *August 2010*.
How to plan the veneer restoration?, *September 2010*.
How to avoid secondary caries in proximal composite restorations? *September 2010*.
What does the sign of constant discomfort in perfectly obturated canal denote?, *September 2010*.
How to restore grossly destructed tooth obturated with silver points? *October 2010*.

Procedural videos published - 15

"Indirect composite veneer flexible model method".

"Diastema closure".

"Impression methods- open and closed tray".

"Custom abutment fabrication".

"Cortex implant placement – flapless method".

"Adin implant placement – flap method".

"Gingival retraction methods".

"Fissurotomy"

"Gold Foil Restoration"

"Custom castpost post endodontic restoration"

"Coronoradicular post endodontic restoration"

"MTA obturation with custom resin fiber post"

"Prefabricated fiber post"

"Prefabricated metal post"

"Auricular prosthesis"

Guided more than 100 Posters/Presentations/Table top clinic for UGs and PGs in various scientific forums.

Guest Lectures - 75

"*Trouble shooting in Endodontics*" - Guest lecture delivered at the first alumni meet, BDCH, Davangere on 22nd & 23rd of March 1997.

"*Basics in Endodontics*", Guest lecture at IDA, Shimoga branch on April, 1998.

"*Management of Caries lesion - the concept*" Guest lecture delivered on the first Alumni meet, MGDCH on the 27th of February 2000 at Pondicherry.

"*Missing Links in Endodontics*", Guest lecture delivered at College of Dental Sciences, Davengere on October 2000.

"*Study protocols in Restorative Dentistry*", Guest lecture delivered at 2ndFODI P.G. Convention on October 2001 at Chennai.

"*Unknown world of composites*", Guest lecture delivered at TASK study group, Thiruppur, on January'03.

"*Conquer the Colorado stain*" Guest lecture delivered at Erode IDA on 27th July 2003.

"*Mr. & Mrs. Dentistry*" Guest lecture delivered at Goldent-2003, IDA CDE programme at Kodaikannal on 7th September 2003.

"*Tips on Tricks with Esthetics*" Guest lecture delivered at Expodent 2003, Bangalore on 8th November 2003.

"*FAQ in Endodontic Failure*" Oration lecture delivered at Trichy IDA, December 2003.

"*The making of thesis*"-Behind the scenes & Caries disease Vs Caries lesion- CDE programme conducted on 19th December 2003 at V.S. Dental College, Bangalore.

"*New generation Endodontics*" Guest lecture delivered at Salem IDA on January 2004.

"*Fine tune your Endodontics*" Guest lecture delivered on 4th April 2004 at IDA Chennai branch.

"*Fine tune your restorative dentistry*" Guest lecture delivered on 11th June 2004 at IDA Mangalore branch.

"*Evidence Based Dentistry*" Guest lecture delivered on 20th October 2004 at clinical society meeting, RMDCH, Chidambaram.

Cleaning and Shaping – A Logistic approach – Guest lecture delivered in the 19th Federation Of Operative Dentistry of India, Bangalore in January 2005.

"*Electronic Data Base and Evidence Based Decision Making*" Guest lecture delivered In FODI PG convention, Chennai on 25th June 2005.

"*Problem oriented approach in Endodontics*" and "*Mind Vs Machine*" Key note lecture delivered at Conservative and Endodontics society of Kerala, Kumarakom on September 25th 2005.

"*SWOT Analysis*" Guest lecture delivered In FODI National Conference, Lucknow on November, 2005.

"*Gold Foil Restorations*" Preconference course was conducted in FODI National Conference, Lucknow on November, 2005.

"*Day out with Endodontics*" Guest lecture delivered In IDA CDE Programme, Kottayam branch on 19th Feb 2006.

"*Principles and Practice of Rotary Endodontics*" Guest lecture delivered In IDA Pondicherry branch, Pondicherry on 4th June 2006.

"*CRA- The gateway for caries management*" Guest lecture delivered in National Pedodontic PG Convention, Chennai on 24th June 2006.

"*Pain management in Endodontics*" Guest lecture delivered in National oral surgery conference at Chidambaram on 15th July 2006.

Conducted workshop on Rotary Endodontics-Hands on training at IDA Shimoga branch on July 2006 .

"*Life after Death*" - *Post Endodontic Restoration* , guest lecture delivered at the IDA conference on the 8th June, 2008 at Coimbatore.

" *Principles and Practice of Rotary Endodontics*", guest lecture delivered in the IDA conference on 7th September, 2008 at Kanchi.

" *Advances in Material Science - Trick or Treat*" guest lecture delivered in 22nd FODI and 15th IES conference on the 21st November, 2008 at Chandigarh.

" *Resin composite Inlays and Veneers*", guest lecture delivered in the IDA meeting on 31st May, 2009 at Dindukal, TamilNadu.

" *Problem oriented approach for Endodontic Pathology*", guest lecture delivered in the Endoperative forum "Recapitulation" on 24th July,2009 at Meenakshi ammal dental college and Hospital, Chennai.TamilNadu.

" *Journal club/ Conservative dentistry Vs Endodontics*" guest lecture delivered in the one day workshop on 11th september,2009 at Vaidehi Dental college, Bangalore .

"*Molar Endodontics*", guest lecture delivered on 19 th september,2009 at Tamilnadu Dental College and hospital, Chennai.

"*Indirect Resin Restorations*" guest lecture delivered on the 10th october, 2009 at Pondy IDA branch.

"*Study Design & Biostatistics*" guest lecture delivered at SRM Dental college Chennai, on the 30 th october,2009.

Guest lecture titled "*Functional Rehabilitation of Endodontically Treated teeth*" delivered on the 10th of January, 2010 in FORUM'10, CDE Programme Interactive forum 2010 at Rajah Muthiah Dental College and Hospital, Annamalai University, Chidambaram.

Guest lecture titled "Identification, prevention and control of dental caries" delivered on the 14th of March, 2010, at IDA Presidents' meet, Yercaud, TamilNadu.

Guest lecture titled "Minimal invasive Dentistry" delivered on the 10 th of May, 2010, at Chettinad Dental college and Hospital, Chennai, TamilNadu.

Guest lecture titled "*You are What your set-up is*" delivered on the 18th of May, 2010, at Indra Gandhi Institute of Dental Sciences, Puducherry.

Lecture titled "*Diagnosis & Detection of Dental Caries*" delivered in the Caries Awareness Programme conducted in Thai Mookambikai Dental College and Hospital, Chennai, on 27th April, 2011.

Lecture and workshop titled "*24 Carats - Direct filling gold restoration*" on 7th and 8th of May, 2011, at Mamta Dental college, Khammam, Andhra Pradesh.

Lecture titled "*Cleaning and Shaping - Current trends and future directions*" at Recapitulation III on 23rd of July, 2011 at Meenakshi ammal Dental College and Hospital, Chennai.

Lecture and One day Workshop titled "*A practical approach to post graduate dissertation*" at SRM Dental College and Hospital, Chennai, Tamilnadu on 16th November 2011.

Keynote Speaker at PG convention, 2012 at Kasauli, Chandigarh, on 21st April 2012 on '*Management of grossly destructed Vital posterior teeth*".

Guest lecture on "*Simulation studies in Restorative Dentistry and Endodontics*" at Meenakshi ammal Dental college and hospital, Chennai on 20th July 2012.

Guest Lecture on '*Patient Management*' at Adhi Parasakthi Dental college and hospital, Chennai, on 9th November 2012.

Guest Lecture on '*Effective use of adhesive restorations in MID*' on 30th December 2012, organised by IDA, Mayiladuthurai branch, at Mantra resorts, Veppathoor.

Guest Lecture on ' *Obturation*' on 21st January 2013, at the Finish line programme 2013 conducted by Faculty of Dentistry, Sri Ramachandra Medical college and Hospital, Chennai.

Guest Lecture on ' *Post endodontic restoration - Diagnosis and treatment planning*' on 17th March 2013, organised by IDA, Pondicherry branch, at Hotel Adithi, Pondicherry.

Guest lecture on "*The Tomorrow – How to prepare yourself for future*" on 21st August 2013, in the Scientific Forum in Indira Gandhi Institute of Dental Sciences, Pondicherry.

Guest lecture titled "*CID in Research*" in the 4th state level CDE Programme on 4th January 2014 at Indira Gandhi Institute of Dental sciences, Pondicherry.

Guest lecture on "*Inlay*", in "Finish Line 2014" at SRM Dental College and Hospital, Chennai, Tamilnadu On 29th January 2014.

Guest lecture on "*Fiber Reinforced restorations*" at IDA, Trichy on 26th October 2014.

Guest lecture on "*Literature Repository : Organize, Draft and Cite*" at Tamil Nadu Government Dental College and Hospital, Chennai on 27th November 2014.

Guest lecture on "*Endodontic Therapy Vs Implant Therapy*" at 29th FODI AND 22 nd IES National Conference held at Jaipur on 6th December 2014.

Conducted Workshop, Lecture and Hands-on programme on "*Cast Gold restorations and Direct filling Gold*" at "*Gold n gold, Restorative Extravaganza*", a three day hands- on programme conducted at IGIDS, Pondicherry from 20th – 22nd February, 2015.

Guest lecture on "*How to do Scientific Writing* ", at Adhi Parasakthi Dental college and hospital, Melmaruvathoor, Chennai on 22nd June 2015.

Lecture titled "*Rotary – Reciprocation in Endodontics*" at Recapitulation VI on 24th July 2015 at Meenakshi ammal Dental College and Hospital, Chennai.

Lecture titled "*Esthetic Rehabilitation using Composite Resin*" at IDA Mayiladuthurai on 26th July 2015.

Lecture and Workshop on "*Gold Foil Restoration*" at Faculty of Dental Sciences, KGMC, Lucknow on 3rd and 4th of August 2015.

Lecture and video demonstration on "*Post Endodontic Restoration: Procedures and Techniques*" in the CDE programme conducted at Saveetha Dental college, Chennai, on 6th October 2015.

Guest lecture on "*Root canal therapy Vs Implant therapy*" in the Global Dental meet, Chennai, on 8th November, 2015.

Conducted PG foundation programme – "*A Near Peer Assisted Learning Workshop*", on 27th, 28th and 29th July 2016 at Indira Gandhi Institute of Dental Sciences, Sri Balaji Vidyapeeth University, Pondicherry

Chair person for a scientific session in "*Undergraduate dental education - Time for change?*" at Indira Gandhi Institute of Dental Sciences, Sri Balaji Vidyapeeth University, Pondicherry on 18th August, 2016.

Guest Lecture and Hands-on training in the "Workshop on Research Methodology & PG Foundation Program" held from September 1st to 3rd, 2016 at SRM Dental college, Chennai.

Guest Lecture on Reference management "Mendeley" at the National Workshop on Health Research Methodology and Health Statistics" organized by the dept. of Public Health dentistry at Bapuji Dental College and Hospital, Davangere, from September 26th to 29th, 2016.

Guest lecture on "Organize, Draft and Cite your scientific literature" at the 7th Orthocon 2017, at Tamil Nadu Government Dental College and Hospital, Chennai on 28th July 2017.

Guest lecture on "Organize, Draft and Cite the scientific literature" at the 3rd PG Colloquium, held on 7th August 2017, at Meenakshi Ammal Dental College, Chennai.

Guest Lecture in "Workshop on Research Methodology and Biostatistics" conducted by Institutional Review Board and Department of Oral Pathology at SRM Dental College, Chennai on 13th October 2017.

Panel expert in a symposium in "Direct Restorations" in Link '17, Endo- Prostho Confederation held on December 15th and 16th 2017, at Kodaikanal.

Guest Lecture in "Comparison of cavity design for restorative materials" conducted at Race'18, at Adhiparasakthi Dental College and Hospital, Melmaruvathur, on 4th May 2018.

Guest Lecture in "Workshop on Research Methodology and Health Statistics" organized at Vishnu Dental College, Bhimavaram on 25th to 28th September, 2018.

Keynote speaker in the "Dental Caries symposium: Addressing the Most Prevalent Disease on the Planet" along with Dr. S. Mortazavi (Iran), Dr. R. Baez (USA) and Dr. Carounidya Usha (India) at the ADI Global Conclave organized by Academy of Dentistry International, India Chapter, from 6th – 8th October 2018, Lucknow, India.

Guest Lecture titled, "Sensitization: Research Culture" in the Sensitization and Orientation Workshops on Teacher Training and Research, conducted on the 23rd February, 2019 at Sri Ramakrishna Dental college and Hospital, Coimbatore.

Guest Lecture and hands on training in the event of "Research Methodology workshop" held on 28th August 2019, conducted by Institutional Review Board and Department of Oral Pathology at SRM Dental College, Chennai.

International Recognition

Chair person in the Joint International Conference on Quality Assurance and patient safety on 28th November 2012 at Puducherry, India.

Chair person in the 27th IACDE AND 20TH IES National Conference held at Dubai, from the 6th to 9th December, 2012.

Guest Lecture titled, "Integrated Education and Practice in Dentistry - An Indian Scenario" in the INDO-US conference on Oral health and Well being on January 6th and 7th 2016, at Meenakshi Mission hospital and Research center, Madurai, Tamil Nadu.

Additional Training

- Certificate in office computing in Medicine awarded by First computers for the course from 24.9.96 to 31.12.96.
- Training Programme for Dental Implantology from September 11-14, 2013 in Italy.
- Undergone nine months Dental education Training programme, "Education Science and Technology for Dental Professionals" from March 2015 to December 2015, conducted by Sri Balaji Vidyapeeth University, Pondicherry.
- Participated in the workshop on "Ethical aspects of biomedical research" organized by Institute Ethics Committee, held at Indira Gandhi Medical College and Research Institute on 12th April, 2016.
- Undergone two days hands-on training in Conventional PCR and qRT-PCR techniques held on May 24 & 25, 2016 at Central Inter-disciplinary Research Facility, Sri Balaji Vidhyapeeth, Pondicherry.

Interests

Endodontics and Restorative Dentistry

Teaching

Computer applications in dentistry.

Photography

Stock Market and Trading

Special assignment in the previous tenure

- Editorial board member, Pondent, Quarterly bulletin of M.G.D.C.H, Pondicherry. Computer layout and designing of the bulletin, Aug1997 – Nov.2000
- Organizer, Interactive Forum in Conservative dentistry and Endodontics from year 2002 – 2007 Topics covered :
 - Endodontics for all seasons
 - Esthetics.com
 - Dental caries; the fourth dimension
 - Mind Vs Machine
 - Metals in restorative dentistry - Antique/ Alchemy
- Video conferencing with Dr. Hien NGO, Adelaide University.
- Editor, Journal of Scientific dentistry, Sri Balaji Vidhyapeeth from the year 2013-2015.
- Postgraduate coordinator, Indira Gandhi Institute of Dental sciences from the year 2013-2016.
- Institutional review Board Chair person, Sri Balaji Vidhyapeeth from the year 2013-2015.

Special assignments in current tenure

Peer review member, STREAMDENT-SRM University Journal of dental sciences.

Editorial advisory board, STREAMDENT-SRM University Journal of dental sciences.

Reviewer, NAMAHA, the Journal of Integral Health. (Sri Aurobindo Society).

