



Rajas Dental College & Hospital

(Affiliated to The Tamil Nadu Dr. M.G.R. Medical University, Accredited by NAAC)
Kavalkinaru Jn. Tirunelveli District - 627105

1. Name of the Faculty : Dr. A. Arvind Kumar
2. Designation : Professor and HOD
3. Department : Conservative Dentistry and Endodontics
4. Date of Joining : 01.07.2010
5. Contact Number : 9443379002
6. E- Mail : arvikumar25@gmail.com
7. Council Registration No. : 7124 – A

Qualifications:

Degree	Name of the Institution	University	Year & Month of Passing	Speciality	Name of the State Dental Council	*Registration No. of UG & PG with date of Renewal
B.D.S.	A.B.Shetty Memorial Institute of Dental Sciences	Mangalore University	June 1998	-	Tamil Nadu State Dental Council	7124 – A 14.09.1999
M.D.S	Meenakshiammal Dental College	The TN Dr. MGR Medical University	August 2004	Conservative Dentistry	Tamil Nadu State Dental Council	7124 – A 15.06.2007

Teaching Experience:

Position	Name of Institution	From	To	Total Experience
Lecturer (Full-time)	Rajas Dental College & Hospital, Kavalkinaru Jn.,	04.09.2004	05.09.2007	3 Years and 1 day
Asst. Professor /Reader (Full-time)	Rajas Dental College & Hospital, Kavalkinaru Jn.,	06.09.2007	31.01.2008	4 Months & 25 Days



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	C.S.I Dental College, Madurai	01.02.2008	30.06.2010	2 Years & 5 Months
	Rajas Dental College & Hospital, Kavalkinaru Jn.,	01.07.2010	06.10.2013	3 Years 3 Months & 5 Days
Professor/Reader (Full-time)	Rajas Dental College & Hospital, Kavalkinaru Jn.,	07.10.2013	Till Date	

Details of Publications:

S.No.	Title of the Articles	Journal Details	Points
1.	Caries – preventive efficacy of resin infiltrant, casein phosphopeptide – amorphous calcium phosphate, and nano hydroxyapatite using confocal scanning election microscope : An in vitro study	J Oper Dent Endod 2017;2(1):6-10.	15
2.	Smear layer removal efficacy of herbal extracts used as endodontic irrigants	Endodontology, 2017;29:35-8	15
3.	Comparative evaluation of the antimicrobial efficacy of five endodontic root canal sealers against <i>Enterococcus faecalis</i> and <i>Candida albicans</i>	Journals of Conservative Dentistry, 2006;9:2-12	15
4.	Comparative evaluation of the cleaning efficacy of three different agents on rotary nickel – titanium endodontic instrument	Journal of Conservative Dentistry, 2006;9:72-7	15
5.	Evaluation to determine the caries remineralization potential of three dentifrices : An in vitro study	Journal of conservative Dentistry, 2013 Jul; 16(4):375-9.	15
6.	The effect of 5% sodium hypochlorite, 17% EDTA and triphala on two different rotary Ni - Ti instruments: an AFM and EDS analysis	Journal of Conservative Dentistry, Sep-Oct; 17(5): 462–466.	15
7.	Comparing marginal microleakage of three bulk fill composites in class ii cavities using confocal microscope: An in vitro study	Journal of Conservative Dentistry, 2015; 18:409- 13.	15
8.	Antimicrobial efficacy of different root canal sealers by using real - time	Journal of Conservative Dentistry, Nov-Dec;	15



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	polymerase chain reaction: an ex vivo study	18(6): 474–478.	
9.	Comparative evaluation of effect of different irrigation solutions against <i>Enterococcus faecalis</i> : a polymerase chain reaction - based study	Journal of Pharmacy and Boiled Sciences, 2015 Aug; 7(Suppl 2):S576-9.	15
10.	Comparison of shaping ability of three different rotary instruments in simulated root canals using computer image analysis: An in vitro study	Journal of Indian Academy of Dental Specialist Researchers	15
11	Evaluation of anti – microbial efficacy of four different herbal extracts and sodium hypochlorite against <i>E. faecalis</i> – an invitro study	Journal of Indian Academy of Dental Specialist Researchers	15
12	In vitro evaluation of fracture resistance of endodontically treated teeth restored with bulk fill flowable, fiber – reinforced and conventional resin	Journal of Operative Dentistry and Endodontics	15
13.	Glide path in Endodontics – A review	Conservative Dentistry and Endodontic Journal	15
14.	Comparison of shaping ability of rotary and reciprocating Ni- Ti single file systems on simulated root canals	Saudi Endodontic Journal	15
15.	Comparative evaluation of different surface treatments on the repair shear bond strength of three nanohybrid composites – An in vitro study	Conservative Dentistry and Endodontic Journal	15
16.	Comparison of wear resistance of cast gold with bulk fill composites	Journal of Conservative Dentistry	15
17.	Comparative evaluation of apical extrusion of intracanal bacteria using four single file NiTi instruments – An in vitro study	Endodontology, 2019;31:78-83	15
18	Caries Management by risk assessment A review on current strategies for caries prevention and management	Journal of Pharmacy and Boiled Sciences	15



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19	Fiber reinforced composite resin systems - an overview	Dental Raj	2.5
20	The comparative evaluation of the Anti microbial efficacy of four different herbal extracts and 5.2% sodium hypochlorite against enterococcus faecalis and candida albicans. An agar disk diffusion method	JIADS	2.5
21	The polishing efficacy of three different polishing systems on a nanocomposite: an in vitro optical profilometric study	JIDAT	2.5
22	Harnessing the potential role of PRF and blood clot combination in Revitalization of tooth with necrotic pulp and open apex through Bioroot tissue engineering - a case report	IOSR JDMS	2.5

Books Published / IPRs / Patent :

1	Artificial intelligence based tooth brush		
2	Smart endodontic device for root canal treatment		

Professional Membership :

Awards :

Grants Fetched :

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Signature