




## Bharath Institute of Higher Education and Research

### Faculty Profile

Personal Details	
Name: <b>Dr. S. Karthika Nagarajan</b>	
Designation: Reader	
Department: Oral Pathology and Microbiology	
Name of Institution: Sree Balaji Dental College and Hospital	
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Email: karthika.shanmuganathan66@gmail.com	

Area of Interest	Oral Cancer
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Subjects Taught	
UG	PG
Oral Pathology	Oral Cancer

Academic Background				
Degree	Specialization	University	Class	Month & Year of Passing
B.D.S.	Dentistry	TN Dr. M.G.R. Medical University	First	March 2004
M.D.S.	Oral Pathology and Microbiology	Rajiv Gandhi University of Health Sciences	First	May 2010
Ph. D	Oral Pathology and Microbiology	Bharath Institute of Higher Education and Research	First (course work)	May 2018 (Course work) – Synopsis to be submitted,

Work Experience as on Oct-2020			
Name of the Institution/Company	Position	From	To
Meenakshi Ammal Dental College & Hospital, Maduravoyal, Chennai, India.	Senior Lecturer	11 Mar 2011	2 Sep 2011
Faculty of Dentistry   MAHSA University	Lecturer & Course Coordinator	13 Sep 2011	28 Mar 2013

42610 Jenjarum, Selangor, Malaysia							
Menziess Health Institute QLD Griffith University, 4222 QLD, Australia.		Visiting Research Fellow	1 April 2013	9 March 2015			
Sree Balaji Dental College & Hospital Bharath Institute of Higher Education & Research Pallikaranai, Chennai, India.		Senior Lecturer & Senior Research Fellow	1 May 2015	28 March 2017			
Sree Balaji Dental College & Hospital Bharath Institute of Higher Education & Research Pallikaranai, Chennai, India.		Reader & Research Associate (current)	1 April 2017	Till date			
Total experience	9	Teaching	7	Research	2	Administration	1

Research Publications				
International Journal	National Journal	International Conference	National Conference	Total Number of Publications
2	7	2	3	9

**Recent Publications(Journals)- Chronological order**

Sl.No	Details
1	Human papilloma virus infection status and oral cancer incidence in south India - lack of evidence and its current impacts". Indian journal of public health research and development. 2020;12;3. (Accepted, Article in press)
2	Karthik, Rani V, <b>Nagarajan S K</b> , Narayanaswamy A, Masthan MK. Susceptibility for Oral Squamous Cell Carcinoma and Potentially Malignant Disorders in Patients With and Without Tobacco Habits: Dermatoglyphics Correlation. Journal of Critical review. <b>2020</b> ; 7(14): 3523-3530.
3	<b>Nagarajan S K</b> , Rani V, Narayanaswamy A, Masthan MK. Leucas aspera to treat pan oral disorders – an experimental study. Current dental research journal <b>2019</b> ; 1(1).
4	Baburathinam S, Shyamsundar V, Babu N A, <b>Nagarajan K</b> , Ramshankar V, Masthan KMK. Expression of serum and salivary MMP-1 and MMP-9 in oral cancer, oral potentially malignant disorders and normal. Journal of biomedical and pharmaceutical research. <b>2019</b> ;8(3). Available from: <a href="http://jbpr.in/index.php/jbpr/article/view/619">http://jbpr.in/index.php/jbpr/article/view/619</a>
5	<b>Nagarajan S K</b> . Craniofacial and oral manifestation of child abuse: A dental surgeon's guide. J Forensic Dent Sci <b>2018</b> ;10: 5-7.
6	<b>Nagarajan S K</b> . A Lady Dentist's prospective after graduation. Indian J Multidiscip Dent <b>2018</b> ; 8:1-2
7	<b>Nagarajan K</b> . Chemo-radiotherapy induced Oral Mucositis during IMRT for Head and Neck Cancer - An Assessment. Med Oral Patol Oral Cir Bucal. <b>2015</b> ; 20(3): e273–e277.
8	<b>Nagarajan K</b> . Assessment of Oral Leukocyte Levels in Chemo-Radiotherapy induced Oral Mucositis during IMRT for Head and Neck Cancer. International Journal of Current Research. March <b>2014</b> ; 6(3);5760-5764.
9	<b>Nagarajan K</b> , Shetty P. Epidermolysis Bullosa Associated with Enamel Hypoplasia, Multiple Missing Teeth and Mitral Regurgitation – A Case Review. International Journal of Health and Rehabilitation Sciences. July <b>2013</b> ;2(3);165-72.

**Recent Publications(Conferences ) -Chronological order**

Sl.No	Details
1	“Cost Effective Salivary viral DNA Isolation - A Pilot Study” presented on 4th September <b>2020</b> at 5th International World Dental and Oral Health Congress 2020.
2	Fragile Oral Mucosa, Enamel Hypoplasia and Multiple Missing Teeth in A Young Girl with Epidermolysis Bullosa – 19th FDI/MDA scientific convention January <b>2012</b> , Kuala Lumpur, Malaysia.

3	Oral Manifestations and Investigations in Inorganic and Organic Poisonings - Annual conference of Indian Dental Association (IDA) held at Mangalore, January <b>2008</b>
4	Child abuse and neglect in India - A medico-legal perspective, at Annual conference of Indian association of oral and maxillofacial pathology, Khajuraho, December <b>2007</b> .
5	PRP - A new vista in tissue Engineering, Annual conference of Indian Dental Association (IDA) held at Pondicherry, December <b>2004</b>

<b>Memberships in Professional Bodies</b>	
Sl.No	Name of the Professional Body
1	
2	
3	

<b>Training Programmes Attended</b>	
Sl.No	Details in Chronological order
1	5 days ONLINE FDP on “EVOLUTION OF TEACHING LEARNING PROCESS POST COVID19”, held by BIHER; 11 <sup>th</sup> to 15 <sup>th</sup> May 2020
2	CDE on “Molecular Advances in Oral Cancers, P53 and beyond!” held on 23rd January 2020 at CANCER INSTITUTE, Adyar.
3	Workshop on “SNiP: The vital acronym defining human genetic variation” held on the 25th September 2019, at Dental Research Department, Saveetha Dental College.
4	SALSI – Saliva Symposium at Saveetha Dental College, Chennai from 31st January 2019 till 2nd February 2019
5	“Research Methodology, Statistical Data Analysis and Interpretation using SPSS and AMOS” at Chennai from 17th to 19th November 2017.
6	“Workshop on diagnostic and screening test evaluation: Imperfect gold standard, Meta analysis and application of latent class models” at CMC Vellore from 9th to 11th October 2017.
7	A short course in biostatistics on “Sample size calculation” at CMC Vellore on 12th and 13th May 2017.
8	Research fellow (Visiting) at Menzies Health Institute, Griffith University, Gold Coast, Australia 2013.

<b>Roles and Responsibilities</b>	
Sl.No	Details
1	Course coordinator 2012 till 2013
2	Oral Cancer screening coordinator 2013 till date.

<b>Awards Received</b>	
Sl.No	Details
1	Awarded as Top post-graduate student in Oral Pathology (2010).