




## Bharath Institute of Higher Education and Research

### Faculty Profile

Personal Details	
<b>Dr K.GNANA SHANMUGHAM</b>	
M.D.S.,	
Department of Orthodontics	
Sree Balaji Dental College & Hospital	
9444065217	
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Area of Interest	
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Subjects Taught	
UG	PG
Orthodontics and Dentofacial Orthopedics	Orthodontics and Dentofacial Orthopedics

Academic Background				
Degree	Specialization	University	Class	Month & Year of Passing
M.D.S.,	Orthodontics and Dentofacial Orthopedics	The Tamil Nadu Dr.M.G.R. Medical University	1st	AUGUST 2004
B.D.S.,		The Tamil Nadu Dr.M.G.R. Medical University	1st	Oct 1998

## RECENT PUBLICATIONS(JOURNALS)- CHRONOLOGICAL ORDER

- 1.A New Method of Indirect Bonding Technique.  
*Journal of Clinical Orthodontics, November 2004*
- 2.Contemporary Orthodontic Diagnosis of Symptomatic TMJ  
*Journal of Indian Orthodontic Society, December 2010*
- 3.A Protocol for Evaluating Condylar Position in symptomatic TMD Patients  
*Journal of Clinical Orthodontics, October 2011*
- 4.Thermography in Orthodontics  
*Journal of Biomedicine, 2013*
5. Gnathological Splint Therapy-A case report  
*Journal of Pharmacology and Allied Sciences, April 2015*
6. A rare case of Impacted Supernumerary premolar causing resorption of mandibular first Molar  
*Journal of Pharmacology and Allied Sciences, April 2015*
7. Comparison of Frictional Resistance of Aesthetic and semi-aesthetic self-ligating Brackets  
*Journal of Pharmacology and Allied Sciences, April 2015*
8. Effect of Posterior Unilateral Cross bite on Condylar head height.  
*Indian Journal of Multidisciplinary Dentistry, September-October 2011*
9. Assessment of Articular Disc Position before and after Gnathological Splint Therapy in Symptomatic Temporomandibular Disorder Patients Using Magnetic,  
*Indian Journal of Public Health Research & Development, August 2019.*
10. Morphometric and cephalometric Assessment of cervical vertebral maturation stages and its implications in Dento facial orthopedics,  
*Journal Of Critical Reviews, vol 7- 2020*

## MEMBERSHIPS IN PROFESSIONAL BODIES

Sl.No	Name of the Professional Body
1	Indian Orthodontic Society (IOS)
2	Indian Dental Association ( IDA)
3	Member-World Federation of Orthodontics (WFO)
4	Member-International Association for Dental Research (IADR)

## ROLES AND RESPONSIBILITIES

Sl.No	Details
1	Teaching BDS from 3 <sup>rd</sup> year to final year, postgraduates and research work
2	Co Director of Roth Williams Research laboratory for functional occlusion

## CLINICAL EXPERIENCE AND EXPERTISE

Have been practising Orthodontics for the past seventeen years . Apart from conventional Fixed orthodontics and Myofunctional orthodontics, I have been trained and practising Roth williams' philosophy which involves treating and rehabilitating TemporoMandibular Joint Disorders caused by Occlusal interferences. Also been trained in all aspects of Lingual Orthodontics and practising the same for the past 15 years. Other areas of clinical interest involves use of Skeletal anchorage systems in day to day orthodontic practise,use of self ligating systems ,MARPE, Accelerated Osteogenic orthodontics and surgical Orthodontics .

## TRAININGS AND CERTIFICATIONS

1. Completed a two year certified Training Programme on Goal Oriented Orthodontics and Functional Occlusion conducted by Roth Williams International society of Orthodontics,USA
2. Basic Lingual orthodontic Training by Dr.Rafi Romano(Israel), April 2006, Mumbai.
3. Comprehensive Lingual Orthodontic Training by Locus Lingual Laboratory, May 2009, Chennai.
4. Incognito Certification and Training by Dr.Dirk Wiechmann, (Germany), November 2009, New Delhi.
5. Trained by Dr.Hyo sang park on Skeletal Anchorage systems (TAD)

## SCIENTIFIC PRESENTATIONS

### Keynote Lecture

- 1.63<sup>rd</sup> Indian Dental Conference, 2010, Chennai

### Guest/Invited Lecture

- 1.Invited Speaker- CDE programme of South West Orthodontic Study Group,4<sup>th</sup> March 2018,Salem,Chennai,India
- 2.Invited speaker at the 29<sup>th</sup> International CME of IBIN SINA Medical centre, AJMAN,UAE,23<sup>rd</sup> march 2017
- 3.Guest Speaker at Rapid Orthodontic Review program of Sree Ramachandra dental College, Chennai,January 2017
- 4.Invited speaker at The conference of ICD,Chennai,December 2016

5. 'Temperomandibular Joint and Occlusion' at Orthocon-2016, TN Government Dental College, Chennai
6. 'CR-CO Equation', at IOS Midyear Convention 2015, Royal college of Surgeons, Edinburgh. Scotland.
7. 'Temperomandibular Joint Considerations in Orthodontics', at Zonal CDE Programme of NTRUHS, feb 2016, CKS Teja Dental College, Tirupathi.
8. 'Optimal Condylar Position' at 26th Annual Conference of Indian Society for Dental research (IADR-India Division), New Delhi on 4<sup>th</sup> October 2014.
9. "Condylar Position-A Measurable Criteria" at 49<sup>th</sup> Indian Orthodontic Conference, Kolkatta on 22<sup>nd</sup> November 2014.
10. 'Accelerated Osteogenic Orthodontics' at Accredited Continuing Dental Education Programme by IDA Kanchipuram Branch, Kanchipuram on 23<sup>rd</sup> October 2011.
11. "Orthodontics for General Practitioners" at CDE Programme of IDA, Erode Branch, Erode on 27<sup>th</sup> December
12. "Cephalometric Soft Tissue Evaluation for Orthognathic Surgery" at 5<sup>th</sup> TOMA Conference, Chennai on 21<sup>st</sup> and 22<sup>nd</sup> November 2009.
13. 'Mandible in Space' at IOS Mid-Year Convention, Bangkok, Thailand on 12<sup>th</sup> April 2009.

## COURSE FACULTY

1. Course Director for a one Day Course on "**Temporo-mandibular Joint Considerations in Orthodontics**" at Narayana Dental College and Hospitals, Nellore on 28<sup>th</sup> February 2012.
2. Course Director for a Preconference Course on "**TMJ Considerations in Functional Orthodontics**" at the 17<sup>th</sup> IOS PG Convention, Mangalore on 28<sup>th</sup> February 2013.

### Free paper Presentations

- 1.. At 44<sup>th</sup> IOC, New delhi, 2009.
2. At 46<sup>th</sup> IOC, Khajuraho, 2011.
3. Table clinic at 51<sup>st</sup> IOC Goa 2016.

## HONOURS AND AWARDS

1. Recipient of **MS Basanthi Chatwani's** Best Poster award for the Poster presented at IOS Conference, 2003 at Coimbatore.
2. Third place in Table clinic category at 51<sup>st</sup> IOC ,GOA ,2016
3. Had the Honour and privilege to attend a 2 week **Professional Exchange programme of RWISO** under **Dr.Jorge Ayala** at Roth William Training Centre, Santiago, Chile, South America from September 1, 2013 to September 15, 2013.
4. Reviewer for Reputed indexed Journals like **European Journal of dentistry** and **Indian Journal for Dental research**
5. Post Graduate Examiner to TN Dr. MGR Medical University, SRM University, Rajiv Gandhi UHS, NTRUHS, MUHS, Gujarat University

## ADMINISTRATIVE POSTS AND RESPONSIBILITIES IN PROFESSIONAL ASSOCIATIONS

- 1.Executive Committee Member –Indian Orthodontic Society 2011-12; 2014-15;2016-17
2. Representative to State, IDA Madras branch – 2011
3. Executive Committee Member-IDA Madras branch -2012 and 2013
4. Chairman-Member Benefit Programme of IOS, 2012-13 and 2013-14
5. Chairman-Membership Drive Committee of IOS, 2014-15
6. Organising Secretary -4<sup>th</sup> ILOC, 2015, Chennai.
7. Chairman, Scientific Committee -25<sup>th</sup> ISDR Annual Conference, 2012, Chennai.