




MAHARAJAINSTITUTE OF TECHNOLOGY THANDAVAPURA  
MYSURU-OOTYROAD,JUST OFF NH766,THANDAVAPURA,  
NANJANAGUDU TALUK KARNATAKA 571302

## Faculty Profile

<b>Name:</b>	Dr.Raghunandan S	
<b>Current Designation:</b>	Assistant Professor	
<b>Date of Current Designation</b>	04/12/2023	
<b>Department</b>	Mechanical Engineering	
<b>University Faculty Reg.No</b>		

Qualification:

Degree	Year	College and University
Ph.D.,	2020	Indian Institute of Technology Madras, Chennai
M.Tech	2011	National Institute of Technology Karnataka, Surathkal
B.E	2007	National Institute of Engineering, VTU Belagavi

Date of joining to the Institute: 04/12/2023

Details of Positions Occupied:

Designation	Duration		Department
	From	To	
Assistant Professor	04/12/2023	Till Date	Dept. of Mechanical Engg., MIT Thandavapura
Research Associate	16/01/2023	04/11/2023	Glowtronics Private Limited, Mysuru
Assistant Professor	01/08/2019	10/01/2023	Dept. of Mechanical Engg., NIE Mysuru
Project Associate	01/04/2017	01/10/2017	Central Electron Microscopy Facility, IIT Madras
Assistant Lecturer	01/08/2011	30/11/2011	Dept. of Metallurgical and Materials Engg., NITK Surathkal
Maintenance Engineer	23/07/2007	08/11/2008	Hindustan Zinc Limited, Vedanta Resources, Visakhapatnam

Details of Publication:

No. of papers published in National Conference:	
No. of papers published in Inter-national Conference:	
Number of International Journal:	3

### Description of the Few Paper and Reference

- 1) Role of water in the sol-gel synthesis of yttrium monosilicate. *Ceramics International*. Vol. 45, Issue 4, 2019.
- 2) Role of thermodynamic miscibility gaps in phase selection in sol-gel synthesis of yttrium silicates. *Journal of European Ceramic Society*, Vol. 37, Issue 17, 2017.

3) Processing of Primary Silicon and Mg<sub>2</sub>Si Reinforced Hybrid Functionally Graded Aluminum Composites by Centrifugal Casting. Vol. 710, pp 395-400, Trans Tech Publications, 2012.

Conferences Attended:

- Presentation of ‘**Sol-gel synthesis and in-situ formation of yttrium silicates for environmental barrier coating applications**’ at Indo-US Bilateral Workshop on Ceramic Coatings and Multilayers, 25-28 February 2016; Coorg, India.
- Presentation of ‘**Sol-gel synthesis of yttrium monosilicate**’ at the International Congress on Ceramics (ICC – 6), 21-25 August 2016; Dresden, Germany.
- Poster presentation of ‘**In-situ formed yttrium silicates as prospective environmental barrier coatings**’ at ISRS-2016, December 21-23, Department of Metallurgical and Materials Engineering, IIT Madras.
- Poster presentation of ‘**Evolution of phases in the sol-gel synthesis of yttrium monosilicate for environmental barrier application**’ at EH-TACAG (Indian Ceramic Society Annual Meeting - 2017), December 14-16, College of Engineering, Pune.
- Poster presentation of ‘**Role of Thermodynamic Miscibility Gap in Phase Selection in Sol-gel Synthesis of (Y, Yb -) Silicates**’ at MS&T 2018, Oct 14-18, Columbus, Ohio
- Poster presentation of ‘**Evolution of phases in the sol-gel synthesis of ytterbium silicates**’ at ADMAT 2019 – International Conference on Advanced Defence Materials and Processes, Sep 23-25, Hyderabad, India

Responsibilitiestakenincollelevel:

Event	Positions	Year

PersonalDetails:

PermanentAddress	#142, 4 <sup>th</sup> cross, 5 <sup>th</sup> main, E and F block, Ramakrishna Nagar, Mysuru - 570023	
DateofBirth:	23/11/1985	
Father’sName	Subbarao M V	
Mother’s Name	Nirmala R	
Nationality	Indian	
BloodGroup	A+ve	