



JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060


www.jssateb.ac.in



## FACULTY PROFILE

Department: Mechanical Engineering

### 1. Personal Details

NAME	Prof. Santhosh Kumar B.M	
DEPARTMENT	Mechanical Engineering	
DESIGNATION	Assistant professor	
PHONE	+91 9449708296, +91 7618761235	
EMAIL ID	santhoshkumarbm@jssateb.ac.in	
Date of Joining (JSSATEB)	10-08-2015	

### 2. Experience

Total Experience in Years	Teaching: 14 Years	Industry: Years	Research: Years
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### 3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E	Mechanical	2005	KIT, Tiptur Karnataka INDIA	VTU, Belgaum Karnataka
M.Tech or M. E	Thermal science & Engg	2009	UVCE, Bangalore Karnataka INDIA	BU, Karnataka
Ph.D.	Composites of Materials	2018	VTU-RC GEC, Ramanagar Karnataka INDIA	VTU, Belgaum Karnataka
Post Doc.	-	-	-	-
Others				

### 4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 01	National: --
Papers Published in SCOPUS indexed Journals	International: 01	National: --

Papers Published in other Journals	International: 03	National:
Papers Presented in Conferences / Symposium	International: 04	National: 02
Books / Book chapters Published	Name of the book: -- Publisher: Year of Publication:	
	Name of the book: -- Publisher: Year of Publication:	

#### 5. Research Guidance

PhD Guide? Give field & University		University:
PhDs / Projects Guided	Ph.D. Awarded: Guiding:	Projects at Master's Level: Projects at Bachelor's Level:

#### 6. Grants

##### i. Funds Received (Projects)

Project Name	Grant Amount, Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

##### ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed

##### iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

#### 7. Awards Received

1	
2	

#### 8. Member of BOS/ BOE/ Board/ Governing Council/ Committees (University or State Level)

Sl. No.	Name of the Committee	Position	From Date	To Date	Name of the University/ Organization/ Board
1					
2					

## 9. Publications

### i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Influence of hybrid reinforcement on thermal conductivity of Al7075 based composites	Santhosh Kumar.B.M , D.P.Girish , Yogesha K.B , M.C.Jeevan	Materials Research Express	Volume No.:6 Issue No.:12 Year: Nov. 2019 Page No.:1-9	WOS	1.44	IOP

### ii. National Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher

### iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Friction and Wear Behaviour of Tungsten Carbide and E Glass Fiber reinforced Al 7075 based Hybrid composites	Santhosh Kumar.B.M , D.P.Girish ,	IOP Conf. Series: Materials Science and Engineering- The 3rd International Conference on Materials and Manufacturing Engineering 2018	doi:10.1088/1757-899X/390/1/012002	Scopus	-	IOP

### iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
01	The 3rd International Conference on Materials and Manufacturing Engineering-2018 (ICMME-2018)	Department of Mechanical Engineering Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya (SCSVMV) Enathur, Kanchipuram, Tamilnadu.	08-03-2018 to 09-03-2018.
02	International Conference On Advance Trends in Mechanical & Aerospace Engineering (ATMA-2019)	Department of Mechanical & Aerospace Engineering Dayananda Sagar University, Kudlu Gate, Hosur Main Road Bengaluru-560068, India	07-11-2019 to 09-11-2019
03	Three Days Workshop on "Building Research Eco-System",	Department of Mechanical Engineering JSS Academy of Technical	02-03-2021 to 04-03-2021.

		Education, Bengaluru	
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**v. Workshops / Conference (Organised)**

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
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**vi. Workshops / Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)**

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	Compact Heat Exchangers for Aerospace Applications.	PES University Bangalore	21-12-2015 to 22-12-2015
2	Research Avenues in Thermal, Design and Manufacturing Engineering.	BNMIT, Bangalore	11-07-2016 to 16-07-2016
3	Processing of Materials, Material Characterization and Testing,	Ramaiah Institute of Technology, Bangalore	16-01-2017 to 21-01-2017
4	Recent Development and Challenges in Materials and Manufacturing Process.	BIT, Bangalore	01-01-2018 to 13-01-2018
5	Computational Fluid Dynamics: Traditional Finite Volume Technique.	IIT, Dharwad	11-06-2018 to 15-06-2018
6	Research Opportunities and challenges in Advance materials and Manufacturing.	MCE, Hassan	17-12-2018 to 22-12-2018
7	Online FDP on "NBA and NAC Accreditation Process"	MSRIT, Bangalore	04-06-2020 to 08-06-2020
8	Online FDP on "Implementation of Outcome Based Education"	NITTTR, Chennai	15-06-2020 to 19-06-2020
9	Online FDP on "Basic Concepts in Turbo Machinery and its Applications"	NIE, Mysore	24-08-2020 to 28-08-2020
10	Online FDP on "Materials Processing and Characterization: Current Perspective"	BIT, Bangalore	31-08-2020 to 04-09-2020
11	ATAL Online FDP on "Energy Engineering".	Velammal Engineering college.	17-09-2020 to 21-09-2020
12	ATAL Online FDP on "Novel Materials"	Pillai College of Engineering.	05-10-2020 to 09-10-2020
13	ATAL Online FDP on "3D Printing and Design"	JSS Academy of Technical Education	01-02-2021 to 05-02-2021

**10. Details of NPTEL / COURSERA courses completed**

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Manufacturing of composites	NPTEL-AICTE	17-11-2019	Elite / 61%
2	Introduction to Thermodynamics	COURSERA	12-06-2020	92.22 %
3	Wind Energy	COURSERA	12-07-2020	92.42 %
4	Fundamental of Welding Science and Technology	NPTEL-AICTE	21-03-2021	52 %

**11. Membership of Professional Bodies:**

1. Life Membership in Indian Society for Technical Education ( MISTE)- LM75478
2.

**12. Any other information you will like to share about your professional experience**

**Name & Designation of the Faculty Member**

**Prof. Santhosh Kumar B.M**  
**Assistant professor**  
**JSS Academy of Technical Education**  
**Bangalore 560060**