



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	<b>BHARATH M N</b>	
DEPARTMENT	MECHANICAL ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	8792606280	
EMAIL ID	bharathmn@jssateb.ac.in	
Date of Joining (JSSATEB)	03/08/2019	

### 2. Experience

Total Experience in Years	Teaching: 3.3 Years	Industry: Years	Research: Years
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### 3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E	MECHANICAL ENGINEERING	2015	MALNAD COLLEGE OF ENGINEERING	VTU, BELAGAVI
M.Tech or M. E	MACHINE DESIGN	2018	VIDYAVARDHAKA COLLEGE OF ENGINEERING	VTU, BELAGAVI
Ph.D.				
Post Doc.				
Others				

### 4. Research & Publications

Papers Published in Web of Science indexed Journals	International:	National: --
Papers Published in SCOPUS indexed Journals	International:	National: --
Papers Published in other Journals	International: 5	National: 6



1	Design Optimization of Bicycle Crank using Finite Element Analysis	Shangraf Tiku, Samanth Bhat, Divyanshu Kumar, Tripathi, M. N. Bharath	<i>International Journal of Research in Engineering, Science and Management</i>	Volume-2, Issue-5 2019			IJRESM-2019
2	Prevention of Toppling of Heavy Vehicles using Gyroscopes	B. Anirudh Pai, J. T. Prajwal, S. Srijan, M. N. Bharath	<i>International Journal of Research in Engineering, Science and Management</i>	Volume-2, Issue-5 2019			IJRESM-2019
3	A Review on Car Following Behaviour of Adaptive Cruise Control [ACC]	M. K. Thejas Gowda, M. S. Tejas Kumar, S. Yeshwanth, M. N. Bharath	<i>International Journal of Research in Engineering, Science and Management</i>	Volume-2, Issue-5 2019			IJRESM-2019
4	A Review on Need for Efficient Cold Chain Logistics	C. M. Manauj Gowda, Koushik Senapati, Rozer Mutum, M. N. Bharath	<i>International Journal of Research in Engineering, Science and Management</i>	Volume-2, Issue-5 2019			IJRESM-2019
5	A Review on the Development of New Light Weight Vehicles	Veeresh, G. Shashank, M. D. Vinay Kumar, M. N. Bharath	<i>International Journal of Research in Engineering, Science and Management</i>	Volume-2, Issue-5 2019			IJRESM-2019

## 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
1	Design and Thermal Analysis of Motor Bike Exhaust Silencer	Bharath M N, Ganesha B B, Arun Kumar K N	Journal of Research in Science, Technology, Engineering and Management	Volume 4, issue 1 2018			Journal of Research in Science, Technology, Engineering and Management
2	Advancement in the Materials Used In Aircraft-A Review	Karthik N, Ranjan A N, Sachin Kumar, Bharath M N	Journal of Advancements in Material Engineering	Volume 4, Issue 1 2018			Journal of Advancements in Material Engineering
3	Nuclear Fusion Reactor- A Review	Nidarsh Prajaya, Bharath M N	Journal of Mechanical Robotics	Volume 3, Issue 3			Journal of Mechanical Robotics
4	Review on Entry, Descent, Landing of Rovers on Mars	Shashank.B.H, Shreesha.R, Vineeth.K.V, Bharath M N	Journal of Industrial Mechanics	Volume 3, Issue 3 2018			Journal of Industrial Mechanics
5	Development in Ic Engine	Ranjini M D, Pooja G B,	Journal of Recent	Volume 3, Issue 3			Journal of Industrial

	<b>Using Alternative Fuel And Its Engine Performance And Emission (A Review)</b>	Bharath M N	<b>Activities in Production</b>	2018			<b>Mechanics</b>
6	<b>The Train of Future - Hyperloop</b>	Ambika S, Sindura Shree, Devika R Singh, Bharath M N	<b>Journal of Mechanical Robotics</b>	Volume 3, Issue 3 2018			<b>Journal of Mechanical Robotics</b>

### 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	<b>Paintobot a Roller based Interior Wall Painting Robot</b>	Rajath A lyengar, Bharath M N, Pruthviraj R Achari	National Conference on Emerging Trends in Engineering science for future technology	Volume 8, Issue 14 2020			International Journal of Engineering Research & Technology (IJERT)

### iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	"Building Research Eco-System"	Department of Mechanical Engineering, JSSATEB	02/03/21-04/03/21
2	Basics of SAR Remote Sensing	Indian Institute of Remote Sensing (IIRS), ISRO Dehradun.	26/05/20-30/05/20
3	Emerging Technical Aspects of current learning needs for faculty	Amity School of Engineering and Technology, Amity University, Kolkata	22/06/20-27/06/20
4	5 days International Workshop on Recent Advances in Thermal Engineering (IWRATE 2020)	Mechanical Engineering Department, Birla Institute of Technology & Science, Pilani	29/06/20-03/07/20

### v. Workshops / Conference (Orgained)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role

### 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	Opportunities and Challenges in Entrepreneurship	STEP-JSSATEB	15/03/2021-27/03/21
2	"Recent Advances in Composite Materials	Department of Mechanical & Civil	08/03/21-12/03/21

	For Engineering Applications"	Engineering,BMSCE	
3	ADVANCEMENT IN MANUFACTURING TECHNOLOGIES FOR INDUSTRIAL APPLICATIONS"	AICTE Training And Learning (ATAL) Academy, Gyan Ganga Institute of Technology and Sciences.	24/08/2020- 28/08/2020
4	"3D Printing & Design"	AICTE Training And Learning (ATAL) Academy, JSS Academy of Technical Education.	01/02/21- 05/02/21
5	IMPLEMENTATION OF OUTCOME BASED EDUCATION	National Institute of Technical Teachers Training and Research, Chennai	15/06/2020- 19/06/2020
6	"Finite Element Analysis with Ansys Mechanical APDL"	Department of Mechanical Engineering, Srinivasa Ramanujan Institute of Technology, Ananthapuramu.	28/07/2020 -05/08/2020
7	NBA and NAAC Accreditation Process	MS Ramaiah Institute of Technology	04/06/2020-08/06/2020

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

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Ferrous Technology I	Pohang University of Science and Technology	05/06/2020	93.75%
2	Ferrous Technology II	Pohang University of Science and Technology	04/06/2020	100%
3	Materials Science: 10 Things Every Engineer Should Know	University of California	18/05/2020	98%
4	Advanced Manufacturing Process Analysis	University at Buffalo, The State University of New York	07/05/2020	95.28
5	Air Pollution – a Global Threat to our Health	University of Copenhagen	16/05/2020	76.01%
6	Wind Energy	Technical University of Denmark (DTU)	22/05/2020	92.90%
7	Machine Design Part I	GEORGIA INSTITUTE OF TECHNOLOGY	24/02/2020	96.25%
8	Nature and Properties of Materials	IIT Madras	Feb-April 2020	66%

#### 11. Membership of Professional Bodies:

1. International Association of Engineers (IAENG): Member Number: 229159
2.
3.

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

Name & Designation of the Faculty Member

**BHARATH M N**

Assistant Professor

