



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	Dr. VENKATESH B N	
DEPARTMENT	MECHANICAL ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	8123789429	
EMAIL ID	venkateshbn@jssateb.ac.in	
Date of Joining (JSSATEB)	29/12/2011	

2. Experience

Total Experience in Years	Teaching: 13.5 years	Industry: Nil	Research: Nil
---------------------------	----------------------	---------------	---------------

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E. / M.Sc.,	Mechanical Engineering	2001	Ghousia College of Engineering, Ramanagaram, Karnataka	Bangalore University, Bangalore Karnataka
M.E. / M.Tech. / M.Sc.	Manufacturing Science and Engineering	2005	Ghousia College of Engineering, Ramanagaram, Karnataka	Visvesvaraya Technological University, Belgaum, Karnataka
Ph.D.	Friction stir welding of composite materials	2020	Don Bosco Institute of Technology, Kumbalagodu, Bangalore	Visvesvaraya Technological University, Belgaum, Karnataka

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: 01	National: 03
Papers Presented in Conferences / Symposium	International: 04	National:

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Influence of Friction Stir Welding Process Parameters on Mechanical Properties of AA6061-9 wt.% SiC Composites	Venkatesh BN, M.S.Bhagyashekar	Advances in Lightweight Materials and Structures, Springer	Vol. No.8 pp 683-693 Year:2020	Scopus		Springer, Singapore
2	Preliminary Studies on Mechanical and Metallurgical Behaviour of Friction Stir Welded Butt Joints	Venkatesh BN, M.S.Bhagyashekar	Procedia Engineering	Vol. No.97 Issue No. pp:847-853 Year: 2014	WOS		Elsevier Pvt. Ltd
3	Wear behaviour of friction stir welded AA6061-SiC composites and AA6061-4.5%Cu-SiC hybrid composite plates	Venkatesh BN, M.S.Bhagyashekar	International Journal of Fracture and Damage Mechanics	Vol. No.4 Issue No.5 pp: 24-45 Year:2018			
4	Studies on Microstructure and Mechanical Properties of Friction stir Welded AA6061 Composites Containing SiC	Venkatesh BN, M.S.Bhagyashekar	Trends and Innovations in Automation, Materials and Thermal Engg (TIAMTE-2015) Dept of PG Studies VTU Mysuru				TIAMTE-2015 Conference Proceedings
5	"Residual Stress Analysis of Single Pass Butt Joint Welded Plates Using ANSYS	Venkatesh BN, M.S.Bhagyashekar	National Conference on "CITTMEP" Organized by the Department of Mechanical Engg of A.V.C College of Engg Mannampandal, Mayiladuthurai, Tamil Nadu on 15th March 2008				Conference Proceedings
6	Studies on tribology properties of FS welded AA6061-4.5 wt. % Cu- SiC hybrid	Venkatesh BN, M.S.Bhagyashekar	National E-Conference on Innovative processing methods for synthesizing advance structure and functional materials(NEC-IPSASFM-2020) at				Conference Proceedings

	composite		HKBK college of Engg, on 8/10/20 to 9/10/20				
--	-----------	--	---	--	--	--	--

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	Artificial Intelligence	North Eastern Regional Institute of Science & Technology.	14-9-2020 to 18-9-2020
2	Electric Vehicles	PSG COLLEGE OF TECHNOLOGY, Coimbatore-Tamilnadu	24-8-2020 to 28-8-2020
3	Advanced Manufacturing	BMS college of Engg, Bangalore	16/7/2018 to 27/7/2018
4	Material s microstructure and characterization using optical & scanning electron microscopy	IIT Hyderabad	20/12/2015 to 24/12/2015
5	Minister of Human Resource Development (MHRD) Sponsored Short Term Training program on Digital Factory from	Department of Mechanical Engg, National Institute of Technology, Warangal-56004, Andhra Pradesh.	25/8/2008 to 6/9/ 2008
6	Two day workshop on Research Methodologies.	VTU e-learning centre at MSRIT, Bangalore	28/5/2009 & 29/5/2009

v. Workshops / Conference (Orgained)

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

vi. Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organiser	Date

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Manufacturing Process and Technology I and II	AICTE-NPTEL	March 2020	83%
2	Engineering Metrology	AICTE-NPTEL	Dec-2020	83%

10. Membership of Professional Bodies:

1. Life Membership in INTERNATIONAL ASSOCIATION OF ENGINEERS (IAENG)
--

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

Dr Venkatesh BN
Assistant Professor,
Department of Mechanical Engineering
JSS Academy of Technical Education
Bangalore 560060