



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	Nagaraja T. K.	
DEPARTMENT	Mechanical Engineering	
DESIGNATION	Assistant Professor	
PHONE	+91 9019766429	
EMAIL ID	nagarajatk@jssateb.ac.in	
Date of Joining (JSSATEB)	15-09-2008	

2. Experience

Total Experience in Years	Teaching: 12.7 Years	Industry: 9 Years	Research: 3 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E	Mechanical Engineering	1998	JNN College of Engineering, Shimoga, Karnataka INDIA	Kuvempu University, Shimoga, Karnataka
M.Tech or M. E	Product Design and Manufacturing	2013	BMS College of Engineering, Karnataka, INDIA	VTU University, Belgaum, Karnataka
Ph.D.	Mechanical Engineering	Pursuing (PhD)	BMS College of Engineering, Karnataka, INDIA	VTU University, Belgaum, Karnataka
Post Doc.				
Others				

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 1	National: --
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Papers Published in SCOPUS indexed Journals	International: 4	National: --
Papers Published in other Journals	International: 7	National:
Papers Presented in Conferences / Symposium	International:10	National: 1
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	Received "Best Paper Award" for the research paper Entitled "Optimization of drilling process parameters for surface finish in drilled holes using Robust Design" at International conference on Advances and Development in Engineering And Technology (ICADET-2013) held at Malawa Institute of Technology, Indore, M.P., on 8 th & 9 th February 2013.
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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	Reducing manufacturing lead time of steam turbine casing	Chandrashekar Shetty Nagaraja T.K.	International Journal of Research in Engineering and Technology	Vol 3 Issue 3 Year 2014		7.529	IJRET
2	An Investigation Of Reconditioning And Development Of Wear And Friction Testing Machine	Nagaraja T.K.	International Journal of Research in Engineering and Technology	Vol 4 Issue 8 Year 2015		7.529	IJRET
3	Fuel flexibility in solid oxide fuel cell--a review	N Punith, TK Nagaraja	Indian Journal of Scientific Research	Year 2015		2.19	Global Academic Society
4	Design and Fabrication of Pneumatic Sheet Metal Cutting and Bending Machine	Nagaraja T.K. Madhu Kumar V., Arun Kumar N., Harsha B. S., Naveen Kumar K.N	International Journal of Engineering Research And Advanced Technology	Vol 2 Issue 1 Year 2016			IJERAT
5	Design and development of solar panel tracking mechanism	Prashanth Nagaraja T K	AIP Conference Proceedings	Vol Issue 1 Year 2018	Scopus	0.40	AIP Publishing
6	Development Of Kinetic Energy Recovery System By Mechanical Method On Four Wheeler	Pavankumar. T. S Nagaraja. T. K	International Journal of Mechanical and Production Engineering Research and Development	Vol 9 Issue Year 2019	Scopus	9.62	Trans Stellar Publications
7	Enhancing The Load Carrying Capability Of Airfoil Thrust Bearing Using Different Configurations Of Foil Arrangement	Nagaraja T K Arun Kumar V	Journal of Mechanical Engineering Research and Developments	Vol 42 Issue 4 Year 2019	Scopus	0.76	Zibeline International Publishing
8	Design & Development of Mini CNC Milling Machine	Punith Kumar T M Nagaraja T K	International Journal of Advances in Engineering and Management	Vol 2 Issue 1 Year 2020		7.42	IJAEM
9	Improvement in Productivity of	Nagaraja T K	International Journal of	Vol 8		3.05	Institute of Research

	Lap Grinding and Capability Study		Mechanical and Production Engineering	Issue 8 Year 2020			and Journals
10	Investigation of effect of mechanical properties and Influence of Heat treatment on AISI 4140 steel	Nagaraja T K	IOP Conference Series: Materials Science and Engineering	Vol 1013 Year 2021	Scopus	0.53	IOP Publishing

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	Reducing manufacturing lead time of steam turbine casing	Chandrashekar Shetty Nagaraja T.K.	International Journal of Research in Engineering and Technology	Vol 3 Issue 3 Year 2014		7.529	IJRET
2	An Investigation Of Reconditioning And Development Of Wear And Friction Testing Machine	Nagaraja T.K.	International Journal of Research in Engineering and Technology	Vol 4 Issue 8 Year 2015		7.529	IJRET
3	Fuel flexibility in solid oxide fuel cell--a review	N Punith, TK Nagaraja	Indian Journal of Scientific Research	Year 2015		2.19	Global Academic Society
4	Design and Fabrication of Pneumatic Sheet Metal Cutting and Bending Machine	Nagaraja T.K. Madhu Kumar V., Arun Kumar N., Harsha B. S., Naveen Kumar K.N	International Journal of Engineering Research And Advanced Technology	Vol 2 Issue 1 Year 2016			IJERAT
5	Design and development	Prashanth	AIP Conference	Vol	Scopus	0.40	AIP

	of solar panel tracking mechanism	Nagaraja T K	Proceedings	Issue 1 Year 2018			Publishing
6	Development Of Kinetic Energy Recovery System By Mechanical Method On Four Wheeler	Pavankumar. T. S Nagaraja. T. K	International Journal of Mechanical and Production Engineering Research and Development	Vol 9 Issue Year 2019	Scopus	9.62	Trans Stellar Publications
7	Enhancing The Load Carrying Capability Of Airfoil Thrust Bearing Using Different Configurations Of Foil Arrangement	Nagaraja T K Arun Kumar V	Journal of Mechanical Engineering Research and Developments	Vol 42 Issue 4 Year 2019	Scopus	0.76	Zibeline International Publishing
8	Improvement in Productivity of Lap Grinding and Capability Study	Nagaraja T K	International Journal of Mechanical and Production Engineering	Vol 8 Issue 8 Year 2020		3.05	Institute of Research and Journals

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	National Seminar on World Class Manufacturing Practices,	JSSATE, Dept of IEM, Bangalore	4 th Nov. 2015
2	Futuristic Materials and Their Applications	RNSIT, Bengaluru	25 th – 27 th , July 2018
3	New model curriculum for first year BE/B.Tech - CBCS Detailed syllabus as per OBE format including course outcomes and bloom taxonomy"	BNMIT, Bengaluru organized by Visvesvaraya Technological University, Belagavi	9 th May, 2018
4	Engineering Graphics & Design Teaching Methodology & Evaluation Procedure	SJCE, Mysore	8 th - 12 th July 2019

v. Workshops / Conference (Organised)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
1	Two Day Staff Development Program on " WORKSHOP PRACTICE LAB "	JSS Academy of Technical Education, Bengaluru-560060	27 th & 28 th January 2015	Program Coordinator

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	Recent Advances in Mechanical Engineering Sciences, RAMES-2009 (AICTE)	Acharya Institute of Technology, Bangalore.	20 th July to 3 rd August 2009
2	Workshop on Rotating Machinery Dynamics (TEQIP)	Dr. AIT Bangalore	19 th -20 th April 2013

10. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Materials Science: 10 Things Every Engineer Should Know	Coursera	4 th June 2020	87%
2	Intelligent Machining	Coursera	18 th May 2020	89%
3	Digital Product Management: Modern Fundamentals:	Coursera	27 th May 2020	85%
4	Fundamentals of Manufacturing Processes	NPTEL	Aug - Oct. 2019	54%

11. Membership of Professional Bodies:

1. Life Membership in Indian Society for Technical Education (ISTE)- Member No. LM 94981
2. International Association of Engineers (IAENG) Member - Member No: 137969
3. The Institution of Engineers (India) (IEI) Member- M-166368-7

12. Any other information you will like to share about your professional experience**Name & Designation of the Faculty Member**

Nagaraja T. K.
Assistant Professor
Department of Mechanical Engineering
JSS Academy of Technical Education