




JSS Mahavidyapeetha
JSS Academy of Technical Education
Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060
www. Jssateb.ac.in



FACULTY PROFILE

Department: Industrial Engineering and Management

1. Personal Details

NAME	Dr Vijay Kumar M	
DEPARTMENT	Industrial Engineering and Management	
DESIGNATION	Associate Professor	
PHONE	+91 9844789224, +91 7892318504	
EMAIL ID	mvijaykumar@jssateb.ac.in	
Date of Joining (JSSATEB)	03-11-1997	

2. Experience

Total Experience in Years	Teaching: 23 Years	Industry: 02	Research: 10 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E. / M.Sc.,	Mechanical	1993	R.V College of Engineering Bangalore 560059 Karnataka INDIA	Bangalore University, Karnataka
M.E. / M.Tech. / M.Sc.	Production Engineering Systems Technology	1997	University BDT College of Engineering, Davangere 577004 Karnataka INDIA	Kuvempu University, Karnataka
Ph.D.	Faculty of Science & Technology	2013	S J College of Engineering Mysore Karanataka	Visvesvaraya Technological University Belgavi Karnataka
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 01	National: -
Papers Published in SCOPUS indexed Journals	International: 03	National: -
Papers Published in other Journals	International: 14	National: 05

Papers Presented in Conferences / Symposium	International: 17	National: 14
Books / Book chapters Published	Name of the book: NIL Publisher: Year of Publication:	
	Name of the book: NIL Publisher: Year of Publication:	

5. Research Guidance

PhD Guide? Give field & University	Yes, Flexible Manufacturing Systems Welding Optimization	University: Visvesvaraya Technological University, Belagavi, Karnataka
PhDs / Projects Guided	Ph.D. Awarded: Nil Guiding: 06 (Six)	Projects at Master's Level: 10

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Modernization and Removal of Obsolescence- MODROBS	Rs. 3,92,156/-	20/7/20	02	AICTE , New Delhi

ii. Patents

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

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

	NIL
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8. 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	Microstructural analysis of 17-4 Precipitation hardened	Mallaradhya Vijay Kumar M	Journal of Manufacturing Systems	Accepted for publication	WOS	4.9	World Scientific journal

	stainless steel at welded spots						
2	Flexible Manufacturing Systems (FMS):A Review	Manu G Vijay Kumar M	International Journal of Mechanical and Production Engineering Research and development	Vol 8, Issue 2, April 2018.	SCOPUS	3.25	Trans Stellar
3	Resistance Spot Welding: A Review	Mallaradhya Vijay Kumar M	International Journal of Mechanical and Production Engineering Research and development	Vol 8, Issue 1, April 2018	SCOPUS	3.25	Trans Stellar
4	Optimization of system utilization and throughput in FMS using Taguchi and ANOVA approach.	Manu G Vijay Kumar M	International Journal of Recent Technology and Engineering	Vol 8, Issue 1, April 2018	SCOPUS	0.11	Blue Eyes Intelligence Engineering and Sciences

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	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Fabrication and Evaluation if Multilayered Polyurethane Foam Core Sandwich Panels for Static Flexural Stiffness	Vijay Kumar M Bhimasen Soragaon	Procedia Engineering	Vol 97 2014	SCOPUS	0.97	Elsevier
2	Optimization of Machining Parameters in CNC Turning of Stainless Steel (EN19) by TAGUCHI'S Orthogonal	Vijay Kumar M, B J Kiran Kumar, N Rudresha	Materials Today	Vol 5 Issue 5 2018	SCOPUS	0.97	Elsevier

	Array Experiments						
3	Optimization of Machining Parameters in CNC Turning of EN45 by Taguchi's Orthogonal Array.	Syed S Irfan, Vijay Kumar M, N Rudresha	Materials Today	Vol 18 Issue 7 2019	SCOPUS	0.97	Elsevier
4	Feasibility Study on Proposed Micro Hydro Electrical Power Plant @ Kappadi (Byndoor), Karnataka, India	Palakshappa K, N Rudresha , Vijay Kumar M	Proceedings of the International Conference on Industrial Engineering and Operations Management	2019	SCOPUS	-	IEOM Society International
5	An Experimental investigation of machining parameter on A1S1 1010 Materials by Taguchis L18 Method.	Vijay Kumar M, N Rudresha, T N Reddy	Materials Today	Vol 22 Issue 4 2020	SCOPUS	0.97	Elsevier
6	Design validation of High Inertia Generator Rotor	Ambresh Ghalea , Varshitha H , M Vijay Kumar , Mahantesh M Mathd	American Institute of Physics (AIP) Conference proceedings	Accepted 2020	SCOPUS	0.19	American Institute of Physics (AIP)

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	National workshop on composite materials in Engineering Applications: Design and Manufacturing Perspective	IIT Mandi, Himachal Pradesh.	15th-19th 2018
2	AICTE sponsored Short term training program on Advanced course on Engine Combustion, Diagnostics, Emissions control and emerging fuels.	Centre for development of Technical Education, IIT Kanpur, UP.	3rd -7th August 2018
3	MHRD-CPDM sponsored Product Design and Innovation Workshop 2019	Dept of Mechanical Engineering, UVCE, Bangalore.	21st -25th January 2019

4	Production and Operations Management Society [POMS}	POMS, Florida International University, Washington DC ,USA.	2nd-6th May 2019
5	DST sponsored Entrepreneurship and Opportunities for young Entrepreneurs	ACS college of Engineering, Bangalore.	25th March 2019
6	AICTE sponsored Two weeks Faculty development Program on Opinion Mining- An Insight into Social media and Customer Service	Sai Ram Institute of Management Studies, Chennai.	5th-20th Dec 2019
7	International conference on Mainstream Block Chain Implementation	IEEE and IE&M dept, BMSCE, Bangalore.	21st -22nd Feb 2020

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	National Conference on Emerging Trends in Engineering Management 2018	IE&M department	12 th Dec 2018	Convener
2	National Conference on Emerging Trends in Engineering Management 2016	IE&M department	4 th -5 th May 2016	Coordinator

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

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	TEQIP sponsored International Conference on Industrial and Manufacturing Systems	NIT, Jalandhar, Punjab	9 th – 11 th Oct 2020

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Database Management Essentials	University of Colorado System	28 th May 2020	95.82
2	Digital Product Management: Modern Fundamentals	University of Virginia	28 th May 2020	92.50
3	Digital Manufacturing and Design	University of Buffalo	29 th May 2020	100
4	Intelligent Machining	University of Buffalo	30 th May 2020	95.80
5	Introduction to Virtual Reality	University of London	30 th May 2020	93.39
6	Advanced Manufacturing Enterprise	University of Buffalo	1 st June 2020	96.88
7	The 3D Printing Revolution	University of Illinois	2 nd June 2020	92

8	3D Interactive design in Virtual Reality	University of London	7 th June 2020	95.28
9	Introduction to Web Development	University of California, Davis	10 th June 2020	91.27
10	Wind Energy	Technical University of Denmark	12 th June 2020	95.02
11	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	Georgia Institute of Technology	15 th June 2020	100
12	Programming for Everybody (Getting Started with Python)	University of Michigan	19 th June 2020	100
13	AI for everyone	Deep learning.AI	30 th June 2020	98.75
14	Materials Science: 10 Things Every Engineer Should Know	University of California, Davis	1 st July 2020	100
15	Python Data Structures	University of Michigan	6 th July 2020	100

10. Membership of Professional Bodies:

1. Life Membership in Indian Society for Technical Education (MISTE)
2. Life Membership in International Association of Engineers (IAENG)

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

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