




**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education, Noida**  
**Department of Mechanical Engineering.**



**FACULTY PROFILE**

**Department: Mechanical Engineering**

**1. Personal Details**

NAME	VEERENDRA KUMAR A N	
DEPARTMENT	MECHANICAL ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	9868587801	
EMAIL ID	<a href="mailto:anveerendrakumar@jssaten.ac.in">anveerendrakumar@jssaten.ac.in</a>	
Date of Joining (JSSATEN)	30-09-2002	

**2. Experience**

Total Experience in Years: 20	Teaching: 19	Industry: - 01	Research: NIL
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**3. Qualifications**

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E	Mechanical Engineering	1996	Siddaganga Institute of Technology, Tumkur, Bangalore University	Bangalore University
M.E.	Manufacturing Science & Engineering	2002	UVCE Bangalore, Bangalore University	Bangalore University

**4. Research & Publications**

Papers Published in Web of Science indexed Journals	International: 00	National: 00
Papers Published in SCOPUS indexed	International: 00	National: 00

Journals		
Papers Published in other Journals	International: 02	National: 01
Papers Presented in Conferences / Symposium	International: 03	National: 02
Books / Book chapters Published		

## 5. Research Guidance

PhD Guide? Give field & University	NA	NA
PhDs / Projects Guided	NA	Projects at Master's Level: 3 Projects at Bachelor's Level: 35

## 6. Grants

### i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
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### ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
1	A patent has been published on "Printed Circuit Board (PCB) Prototyping Using Layout Aware Probing"	TEMP/E-1/36841/2020 (20201033134) Publication Date:16/10/2020

### 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

Awards "Best Paper Award"	
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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	Electro chemical discharge machining and optimization of non-conducting materials,	Veerendra Kumar A.N. Mohit Vishnoi , Senthil Murugan S,	Journal of Metallurgy and Materials Science,	Volume : 60, Issue : 1 2018 First page :13 Last page :( 20)			Hindawi
2	Friction Welding of Stainless Steel - Aluminum Alloy and Optimization of Different Parameters Using Taguchi-L8 Array Method	Veerendra Kumar A N , Mohit Vishnoi S.Senthil Murugan,	Journal of Mechanical and Mechanics Engineering	Volume 4 Issue 1 page no 1-10Page 1-10 © 2017			MAT Journals

### 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	High Velocity Impact Analysis of Kevlar Composite by MATLAB,	A. N Veerendra Kumar ,Radha Raman Mishra , S. Rajesha,	Indian Journal of Advances in Chemical Science	Volume 2 (2014) 68-71	KROS Publications		

### iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
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1	Analysis of plastic deformation of Al6063, Magnesium AZ91C and commercially used Titanium alloys using ECAP,	A.N.Veerendra Kumar T.G.Mamatha MohitVishnoi .Senthil Murugan	Materials Today Proceedings	Volume 25, Part 4, 2020, Pages 710-718	Scopus		Elsevier
2	Some studies on applicability of production scheduling in an FMS using Genetic Algorithm under tool availability constraints.	A N Veerendra Kumar , B M Rajaprakash	International conferences on Advances in Material and Material Processing	2001 Page No 674-678. January	IIT Kharagpur		
3	Integrated production scheduling and rescheduling in an FMS under tool availability constraints	A N Veerendra Kumar , B M Rajaprakash	4th International conference on Mechanical Engineering. Bangladesh.	December 2001 Page no 169-174	University of Engineering and Technology Dhaka		
4	Computer aided optimization of production scheduling in an FMS under tool availability constraints. Symposium on Manufacturing Excellence.	A N Veerendra Kumar , B M Rajaprakash	Manufacturing Engineering SectionI	January 2002 Page no 185-186	IIT Madras,		
5	Optimization of production scheduling in an FMS using Genetic Algorithm and	A N Veerendra Kumar , B M Rajaprakash	Production Engineers and National Seminar on Emerging trends in Manufacturing.	2002	IT BHU Varanasi January		

**iv. Workshops /Conferences Attended**

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	One Week Faculty Development Programme on Advances in Manufacturing (AIM-2021)	Department of Mechanical Engineering, BIT Sindri, Dhanbad in collaboration with TEQIP III	15 <sup>th</sup> June,2021 to 19 <sup>th</sup> June,2021
2	Web based workshop on “Role of Advanced Materials and Manufacturing Process for COVID-19 Pandemic	Design Innovation Centre (DIC), IIT Roorkee	May 05,2020
3	Three days webinar in an online mode on “Advance Manufacturing Technologies”	JSSATE Department of Mechanical Engg	25 <sup>th</sup> to 27 <sup>th</sup> June 2020
4	Two week FDP on Mechanical Design Techniques for Academic and Industrial Environment sponsored by AICTE	JSSATE Department of Mechanical NOIDA	8 <sup>th</sup> to 20 <sup>th</sup> July 2019
5	One week FDP on Manufacturing World and Its Future sponsored by Dr.APJ Abdul Kalam Technical University Lucknow.	JSSATE Department of Mechanical NOIDA	April 23-28,2018
6	Seminar on Welding for Nation Building	Indian Institute of Welding, Delhi branch at India Habitat Centre New Delhi	August 18,2018
7	Seminar on Emerging trends in Welding Industry	Indian Institute of Welding, Delhi branch at India Habitat Centre New Delhi	August 22, 2015

**v. Workshops / Conference (Organized)**

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	AICTE Sponsored Two Weeks Faculty Development Programme on Mechanical Design techniques for Academic and Industrial Environment	JSS ATE NOIDA	8 <sup>th</sup> to 20 <sup>th</sup> July 2019	Organizing Member

**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	One Week Faculty Development Programme on Advances in Manufacturing (AIM-2021)	Department of Mechanical Engineering, BIT Sindri, Dhanbad in collaboration with TEQIP III	15 <sup>th</sup> June,2021 to 19 <sup>th</sup> June,2021

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

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Introduction to Abrasive Machining and Finishing Processes	NPTEL	JAN-MAR 2020	87%

**10. Membership of Professional Bodies:**

1. ISTE Life Member LM 43998
2. SAE INDIA Membership No :7190310004

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