




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



FACULTY PROFILE

Department: Mechanical Engineering

1. Personal Details

NAME	VIKAS KUMAR SINGLA	
DEPARTMENT	MECHANICAL ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	9910668125	
EMAIL ID	singla.1982@jssaten.ac.in	
Date of Joining (JSSATEN)	27 th July 2009	

2. Experience

Total Experience in Years: 15	Teaching: 12 Years	Industry: 3	Research:
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Mechanical Engineering	2006	G.G.S.C.E.T.	Punjab Technical University, Punjab
M.Tech.	Computer Aided Design	2014	N.I.E.T.	Uttar Pradesh Technical University, Lucknow
Ph.D.	Advance Machining and Manufacturing	Pursuing Since 2016	DTU	DTU, Delhi
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 00	National: 00
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Papers Published in SCOPUS indexed Journals	International: 00	National: 00
Papers Published in other Journals	International: 01	National: 00
Papers Presented in Conferences / Symposium	International: 02	National: 00
Books / Book chapters Published		

5. Research Guidance

PhD Guide? Give field & University	No	University:
PhDs / Projects Guided	Ph.D. Awarded: Guiding: NIL	Projects at Master's Level: - Nil Projects at Bachelor's Level:

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
-	-	-	-	-

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
1	Nil	Nil

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"	Nil
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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.	Optimization Characteristics of Powder Mixed Electrical Discharge Machining (PMEDM)	Naman Jain, Prashant Singh, Mayank Kasera, Prashant Bhatt, Vikas Kumar Singla	International Journal of Applied Engineering Research	ISSN 0973-4562 Volume 13, Number 6 (2018) pp. 93-98			Research India Publications

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 Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1.	Mechanical Behaviour and Microstructure of A356 - B4C Metal Matrix Composition Processed by	Nitin Gupta, Sudhir Kumar, Vikas Kumar Singla	International Conference on Abbreviation SMART TECHNOLOGIES FOR MECHANICAL				DTU

	Electromagnetic Stir Casting With Vacuum		ENGINEERING (ASTME)				
2.	Manufacturing and Drilling Analysis of Foamed Carbon Fiber Composite	Vikas Kumar Singla, Sudhir Kumar, Rajesha S., Radha Raman Mishra	International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering				PTU

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	“Blockchain Technology, Research Avenues, and its Applications”	Nirma University	12 th -17 th July 2021
2	Advances in Manufacturing (AIM-2021)	BIT, Sindri	15 th -19 th June 2021
3	Mechanical Engineering-Emerging Technologies-(MEET-2021)	BIT, Sindri	24 th - 29 th May 2021
4	Entrepreneurship Development	IPEC, Ghaziabad	7 th -20 th Jan 2019
5	Effective and Innovative Ways of Teaching and Learning Strategies	JSSATE, Noida	11 th -15 th June 2018
6	Manufacturing Worlds and Its Future	JSSATE, Noida	23 rd – 28 th April 2018
7	Advanced Manufacturing and Operations Management (AMOM-2017)	DTU, Delhi	3 rd - 14 th July 2017

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized 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	Organizer	Date
1	Mechanical Design Techniques for	JSSATE, Noida	8 th – 20 th July 2019

	Academics and Industrial Environment		
2	Instructional Design Delivery System Embedded With Useful/State of the Art Software Tools	JSSATE, Noida	27 th Aug.- 1 st Sep. 2018
3.	Fluid Mechanics	IIT, Kharagpur	20 th – 30 th May, 2014

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
-	-	-	-	-

10. Membership of Professional Bodies:

1. Life member of International Association of Engineers (IAENG)- 215452
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11. Any other information you will like to share about your professional experience

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