



JSS Mahavidyapeetha

JSS Academy of Technical Education, Noida


Department of Mechanical Engineering.



FACULTY PROFILE

Department: Mechanical Engineering

1. Personal Details

NAME	PRIYANKA SINGH	
DEPARTMENT	MECHANICAL	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	9999243078	
EMAIL ID	priyankasingh@jssaten.ac.in	
Date of Joining (JSSATEN)	21-07-2010	

2. Experience

Total Experience in Years: 11	Teaching: 11	Industry: - Nil	Research: -
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Mechanical Engineering	2005	SMIT, Sikkim	Manipal
M.Tech	Mechanical and Automation Engineering	2009	YMCA, Faridabad	J.C.Bose University of Science & Technology, Faridabad
Ph.D.	Mechanical and Automation Engineering	Persuing	IGDTUW, New Delhi	IGDTUW, New Delhi
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 01	National: 00
Papers Published in SCOPUS indexed Journals	International: 00	National: 00
Papers Published in other Journals	International: 02	National: 00
Papers Presented in Conferences / Symposium	International: 04	National: 01
Books / Book chapters Published		

5. Research Guidance

PhD Guide? Give field & University	No	
PhDs / Projects Guided	Ph.D. Awarded: NIL Guiding: NIL	Projects at Master's Level: - Nil Projects at Bachelor's Level: 16

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		

iii. Consultancy

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

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	Priyanka Singh, Nathi Ram Chauhan and S Rajesha	Priyanka Singh, Nathi Ram Chauhan and S Rajesha	Materials Research Express	Vol. 5, Issue 6, 2019	Both	1.6	IOP

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

S l. N o .	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Effect of Processing Parameters on Mechanical Properties of Alumina Ceramic: A Review	Priyanka Singh Gaurav Jain	National Conference on Advances in Smart building, Trenchless Technology & Intelligent Materials in Manufacturing (nCASTTIM-2021)	2021			
2	Design, Fabrication and Performance Analysis of Mini Ball Miller	Priyanka Singh, Nathi Ram Chauhan and S Rajesh a	Recent Advances in Materials and manufacturing (ICRAMM-2020)	2020	Scopus	1.24	Elsevier Ltd.
3	Microwave Sintering of Alumina/Fe Ceramic Composite	Priyanka Singh, Nathi Ram Chauhan and S Rajesh a	International Conference on Intelligent Control and Computation for Smart Energy and Mechatronic Systems (ICCSEMS-2020)	2020			
4	Effect of ball milling and metal filler alloy on micro structural bonding of Al ₂ O ₃ - SiC Nano Ceramic Composite	Priyanka Singh, Nathi Ram Chauhan and S Rajes ha	2nd International Conference on Computational & Experimental Methods in Mechanical Engineering (ICCEMME-2019)	2019	Scopus	1.24	Elsevier Ltd.

5	Nano Ceramic Matrix Composite Development and its Applications	Priyanka Singh, Nathi Ram Chauhan and S Rajesha	International Conference on Advanced and Agile Manufacturing Systems (ICAM -2015	2015			
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iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Two Weeks FDP on “ Mechanical Design Techniques for Academic and industrial Environment”	JSSATE, Noida	8 th July to 20 th July,2020
2	One Week FDP on “Industry 4.0 and Smart Manufacturing” @ABES	ABES, Ghaziabad	15 th June -19 th June, 2018
3	One Week FDP on “Instructional Design Delivery System Embedded With Useful/State Of The Art Software Tools” .	JSSATE, Noida.	24 th April- 28 th April 2015
4	One Week STC on “Innovative Approach to skill development and employment generation in India” @ JSSATE, Noida conducted by NITTR, Chandigarh.	JSSATE, Noida conducted by NITTR, Chandigarh	24 th July to 28 th July
5	Two Weeks FDP on “Automation in Manufacturing” .	DTU Delhi.	14 th -18 th July’2014
6	One Week STC on “Technical Teachers role, Self Esteem & Professional Development”.	NITTR, Chandigarh.	8 th June to 12 th June , 2015
7	One Week FDP on “Effective Curriculum Implementation” .	JSSATE, Noida.	7 th -11 th Mar’2016
8	One Day STC on “Research Methodology” @ JSSATE Noida.	JSSATE Noida.	28 th Dec 2015 to 8 th January 2016
9	One Week STC on “Skill Development programme on ANSYS software”.	IGDTUW, New Delhi.	24 th -29 th June’2016
10	New Approaches in Mechanical Engineering	JSSATE, Noida	29 th -1 st July’2020

11	One Week FDP on “Mechanical Engineering Emerging Technologies”		24 th - 29 th May’2021
12	Advances in manufacturing (AIM-2021)	BIT , Sindri	15 th June to 19 th June, 2021

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	Instructional Design Delivery System Embedded With Useful/State Of The Art Software Tools JSSATE, Noida.	JSSATE, Noida.		Organizing Team member
2	Manufacturing World And Its Future	JSSATE, Noida.		Organizing Team member
3	National Conference on Advances in Smart building, Trenchless Technology & Intelligent Materials in Manufacturing (nCASTTIM-2021	JSSATE, Noida.		Technical Committee 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
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9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Nature and Properties of Materials	NPTEL	April 2020	-

10. Membership of Professional Bodies:

1.

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