




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



FACULTY PROFILE

1. Personal Details

NAME	PREM SHANKER YADAV	
DEPARTMENT	MECHANICAL ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR-II	
PHONE	9968759147	
EMAIL ID	premshankar@jssaten.ac.in	
Date of Joining (JSSATEN)	01-08-2012	

2. Experience

Total Experience in Years: 10	Teaching: 10	Industry: - Nil	Research: Nil
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Manufacturing technology	2009	JSS Academy of Technical Education, Noida	UPTU
M.Tech.	Applied Mechanics Engineering	2011	IIT Delhi	IIT Delhi
Ph.D.	Thermal Engineering	Pursuing from 2018	Delhi Technological University	Delhi Technological University
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 2	National: 00
Papers Published in SCOPUS indexed Journals	International: 2	National: 00

Papers Published in other Journals	International: 00	National: 00
Papers Presented in Conferences / Symposium	International: 2	National: 1
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		

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	Effect of Magnetic Abrasive Machining Process Parameters on Internal Surface Finish	Vipul Saxena Prem Shanker Yadav Dr. Harveer Singh Pali	Materials Today : Proceedings	25, 842-847 2020	Scopus		Elsevier
2	Effect of Mast Modification in Ingress Problem in Gas Turbine of Naval Ship	P S Yadav , V Saxena , H S Pali, N Kumar and S N Singh	Journal of Physics: Conference Series	Vol. 1240, No. 1, p. 012076 2019	Scopus		IOP Publishing
3	Improvement in performance of CI engine using various techniques with alternative fuel	Prem Yadav , Naveen Kumar & Raghvendra Gautam	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2021;1-27.	SCI	2.73	Taylor and Francis
4	Numerical and experimental analysis on spray characteristics of biodiesels (waste cooking oil) using pressure swirl atomizer	Prem Shanker Yadav Raghvendra Gautam	Environmental progress and sustainable energy	30 September, 2021	SCI	2.43	Wiley

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	Effect of Mast Modification in Ingress Problem in Gas Turbine of Naval Ship	P S Yadav , V Saxena , H S Pali, N Kumar and S N Singh -	2nd international conference on new frontier in engineering, science and technology	Vol. 1240, No. 1, p. 012076 2019	Scopus	-	IOP Publishing
2	Effect of Magnetic Abrasive Machining Process Parameters on Internal Surface Finish	Vipul Saxena Prem Shanker YadavDr. Harveer Singh Pali	2 nd international conference on computational and experimental methods in mechanical engineering	25, 842-847 2020	Scopus		Elsevier
3	Parametric study on deep drawing	P S Yadav , V Saxena	International conference on intelligent control and computation for smart energy and mechatronic system	25-26 September 2020			
4	Numerical study on spray characteristics of WCO.	PS Yadav, Naveen Kumar, Raghvendra gautam	8 th international symposium on fusion of science and technology	6-10 January, 2020			
5	Residual stress developed in deep drawing process	P S Yadav , V Saxena	nCASTTIM	2021			

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iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	8 th international symposium on fusion of science and technology	International society on fusion of science and technology, Delhi Technological University	6-10 January, 2020
2	Role of Advanced Materials and Manufacturing Process for COVID-19 Pandemic	Design innovation centre IIT Roorkee	May 5, 2020

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
-	-	-	-

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	I C Engine and Compressor	NPTEL	Exam cancelled due to pandemic	-

10. Membership of Professional Bodies:

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

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