




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



FACULTY PROFILE

Department: Mechanical Engineering

1. Personal Details

NAME	NEELAM KHANDELWAL	
DEPARTMENT	MECHANICAL ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR -2	
PHONE	9650997585	
EMAIL ID	neelamkhandelwal@jssaten.ac.in	
Date of Joining (JSSATEN)	26-02-2008	

2. Experience

Total Experience in Years:	Teaching: 17 Years	Industry: - Nil	Research: -
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Mechanical	2003	Engineering College, kota	Rajasthan University
M.Tech.	Thermal Engineering	2013	Laxmi Devi institute of Engineering and technology	Rajasthan Technical Unversity
Ph.D.	Thermal /solar energy	Pursuing		Amity university ,Noida
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 02	National: 00
Papers Published in SCOPUS indexed Journals	International: 09	National: 00
Papers Published in other Journals	International: 06	National: 00
Papers Presented in Conferences / Symposium	International: 00	National: 00
Books / Book chapters Published		

5. Research Guidance

PhD Guide? Give field & University	No	No
PhDs / Projects Guided	No	Projects at Bachelor's Level: 30

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		
2		
3		
4		

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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”	<p>Best paper award for “Comparative analysis of the linear Fresnel reflector assisted solar cycle on the basis of heat transfer fluids.” Flame 2020 2nd International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2020) 5th – 7th August 2020</p>
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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	Recent Developments in Integrated Solar Combined Cycle Power Plants.	Khandelwal, N., Sharma, M., Singh, O. and Shukla, A.K	<i>Journal of Thermal Science,</i>	29 2 2020	WOS	1.9	Springer
2	Thermo-economic analysis of an integrated solar thermal cycle (ISTC) using	Khandelwal, N., Sharma, M., Singh, O. and Shukla, A.K	<i>Journal of Cleaner Production</i>	320, 20 October 2021, 128725	SCI	9.297	Elesvier

	thermal storage						
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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
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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	Comparative analysis of the linear Fresnel reflector assisted solar cycle on the basis of heat transfer fluids. <i>Materials Today: Proceedings</i> . (https://doi.org/10.1016/j.matpr.2020.05.792) Khandelwal	Khandelwal , N., Sharma, M., Singh, O. and Shukla, A.K	Flame 2020 2 nd International Conference on Future Learning Aspects of Mechanical Engineering (FLAME - 2020) 5 th – 7 th August 2020	2020	Scopus	-	Materials Today

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Meet Engineering Emerging Technology	BIT Sindri, Dhanbad	24 May to 29 May 2021

2	Advances in Manufacturing(AIM-2021)	BIT Sindri, Dhanbad	15 June,2021 to 19 June,2021
3	One day web based workshop on “Role of Advanced Materials and Manufacturing Process for COVID-19 Pandemic”	IIT Roorkee.	3 April 2020
4	international webinar on “Advanced Manufacturing Technologies”	JSSATE, NOIDA.	25 June to 27 June 2020
5	Two Weeks FDP on “ Mechanical Design Techniques for Academic and industrial Environment”	JSSATE, Noida.	8 July to 20 July 2020
5	One Week FDP on “Instructional Design Delivery System Embedded With Useful/State Of The Art Software Tools”	JSSATE, Noida.	27Aug 2018 to 1 Sep2018
6	Manufacturing world and its future	JSSATE, NOIDA	23 April to 28 April 2018
7	“MATLAB and LabVIEW with its Hardware Interface”	NITTTR-Chandigarh	29 Jan to 2 Feb 2018
8	One week FDP Innovative Approach to skills Development and employment generation in india	NITTTR-Chandigarh	24 July to o 28 July 2017
9	Two weeks training program on “ <i>Research Methodology</i> ” conducted by	NITTTR-Chandigarh	28 Dec- 08 Dec 2016
10	One week program on “ <i>Innovative Pedagogy In Professional Education</i> ” sponsored by TEQIP-II	Jhalawar Government Engineering College, Rajasthan	2 Dec 2016 to 7 Dec 2016
11	One week program on “ <i>Instructional Planning & Delivery: Student Evaluation</i> ”	NITTTR-Chandigarh	16 Nov to 20 Nov 2015
12	One week workshop on “ <i>CNC Turning and Milling- Hands on Experience</i> ”	JSSATE, NOIDA	9 June to 14 June 2014
13	National Seminar on “ <i>Advances in Materials and Manufacturing</i> ” at	Govt. Engineering College, Bikaner	17 march 2012

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
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1	Organized three days workshop of MSME on “ <i>Entrepreneur Development</i> ” in 2015.	JSSATE,NOIDA	2015	Member of organizing committee
2	“Manufacturing World And Its Future” FDP	JSSATE,NOIDA	2019	Member of organizing committee

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	Basic of Thermodynamics	NPTEL	April 2020	
2	Solar Energy Basics	COURSERA	19/09/2020	97.28%
3	Introduction to Thermodynamics: Transferring Energy from Here to There	COURSERA	30/09/2020	100%

10. Membership of Professional Bodies:

1. Membership of Engineering council of India (ECI) ,CIDC)
2. Membership of the International Association of Engineers (IAENG)

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

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Faculty Name:Neelam Khnadelwal
 Designation: Assistant Professor
 JSS Academy of Technical Education, Noida.