




**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education, Noida**  
**Department of Mathematics**



**FACULTY PROFILE**

**1. Personal Details**

NAME	<b>Dr. KIRAN KUNWAR CHOUHAN</b>	
DEPARTMENT	MATHEMATICS	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	+918875123925	
EMAIL ID	kirankunwar.chouhan@jssaten.ac.in	
Date of Joining (JSSATEN)	10-01-2025	

**2. Experience**

Total Experience in Years: 5	Teaching: Nil	Industry: - Nil	Research: - 5
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**3. Qualifications**

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
<b>B.Sc.</b>	PCM	2016	University College of Science, Udaipur	Mohanlal Sukhadia University, Udaipur
<b>M.Sc.</b>	Mathematics	2018	IIT Roorkee	IIT Roorkee
<b>Ph.D.</b>	Mathematics (Computational Fluid Dynamics)	2024	MNIT Jaipur	MNIT Jaipur
<b>Post Doc.</b>	-	-	-	-

#### 4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 08	National: 00
Papers Published in SCOPUS indexed Journals	International: 08	National: 00
Books / Book chapters Published	International: 00	National: 00
Papers Presented in Conferences / Symposium	International: 02	National: 01
Papers Published in other Journal	International: 00	National: 00

#### 5. Research Guidance: Nil

PhD Guide? Give field & University	-	-
PhDs / Projects Guided	-	-

#### 6. Grants

##### i. Funds Received (Projects): Nil

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

##### ii. Patents: Nil

Sl. No.	Title Details	Details of award of patent / Filed
-	-	-

##### iii. Consultancy: Nil

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

## 7. Awards Received

1.	Best Research Paper Award at DCTSE-2024
2.	CSIR-UCG NET JRF Fellowship (2019-2024)
3.	INSPIRE SHE Scholarship issued by Department of Science and Technology (2013-2018)
4.	Gargi award 2012 & 2014

## 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.	“Hybrid ferrofluid flow on a stretching sheet with Stefan blowing and magnetic polarization effects in a porous medium.”	<b>K.K. Chouhan,</b> S. Chaudhary	<i>Multidiscipline Modeling in Materials and Structures</i>	Vol. 20, Issue 6, pp. 1013-37, 2024	Both	2	Emerald Publishing Limited
2.	“Thermal radiation effect in electroosmosis regulated peristalsis transport of Williamson hybrid nanofluid via an asymmetric tapered channel.”	S. Chaudhary, <b>K.K. Chouhan</b>	<i>ZAMM-Journal of Applied Mathematics and Mechanics</i>	Vol.104, Issue 10, p. e202301081, 2024	Both	2.3	WILEY-VCH VERLAG GMBH
3.	“Buoyancy-driven unsteady Flow of Casson-Williamson fluid through a vertical stretching sheet with cross-diffusion effect.”	<b>K.K. Chouhan,</b> S. Chaudhary	<i>Indian Journal of Pure &amp; Applied Physics</i>	Vol. 62, Issue 9, pp. 813-824, 2024	Both	0.846	CSIR-NIScPR
4.	“Transportation of SWCNT and MWCNT-based nanofluid through an exponentially stretching Riga plate in the presence of shear heating.”	<b>K.K. Chouhan,</b> S. Chaudhary	<i>Indian Journal of Chemical Technology</i>	Vol. 31, Issue 3, pp. 346-354, 2024	Both	0.57	CSIR-NIScPR



### 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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### 9. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	National Conference on Development in Computational Techniques in Science and Engineering (DCTSE-2024)	MNIT Jaipur, India	February 17-18, 2024
2.	Short-Term Course on “Modeling and Simulation in Science and Engineering”	MNIT Jaipur, India	February 19-23, 2024
3.	International Conference on Modern Mathematical Methods and High-Performance Computing in Science & Technology (M3HPCST-2022)	Motherhood University Roorkee Uttarakhand, India	December 22-24, 2022
4.	International Winter School on “Fluid Dynamics, Heat Transfer and Applications”	NIT Uttarakhand, India	January 18-29, 2021
5.	International Conference on Mathematical Techniques in Engineering Applications (ICMTEA-2020)	Graphic Era Hill University Dehradun, Uttarakhand, India	December 4-5, 2020
6.	Webinar on “An Introductory Course on Fluid Dynamics”	CHRIST (Deemed to be University), Bangalore, India	August 17-20, & August 24-28, 2020
7.	Short Term Training Programme on “Emerging Topics in Fluid Mechanics”	NIT Uttarakhand, India	October 14-18, 2019
8.	Workshop on “Technical Writing using LaTeX”	MNIT Jaipur, India	December 20-24, 2019

**10. Membership of Professional Bodies:** Nil

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