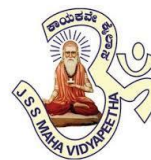





JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Mathematics



FACULTY PROFILE

Department: Mathematics

1. Personal Details

NAME	Dr. Pragati Rajput	
DEPARTMENT	MATHEMATICS	
DESIGNATION	Assistant Professor	
PHONE	8859320303	
EMAIL ID	pragati.maths.iitism@gmail.com	
Date of Joining (JSSATEN)	07-12-2023	

2. Experience

Total Experience in Years	Teaching: 5 Months	Industry: - Nil	Research: - 6.5 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Sc.	Mathematics, Chemistry	2014	Vardhaman College, Bijnor, U.P.	Mahatma Jyotiba Phule Rohilkhand University, Bareilly, U.P.
M.Sc.	Mathematics	2016	Vardhaman College, Bijnor, U.P.	Mahatma Jyotiba Phule Rohilkhand University, Bareilly, U.P.
Ph.D.	Solid Mechanics	2024	Indian Institute of Technology (Indian School of Mines), Dhanbad	Indian Institute of Technology (Indian School of Mines), Dhanbad

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 03	National: 00
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Papers Published in SCOPUS indexed Journals	International: 03	National: 00
Papers Published in other Journals	International: 0	National: 0
Papers Presented in Conferences / Symposium	International: 02	National: 01
Books / Book chapters Published	International: 0	National: 0

5. Research Guidance

PhD Guide? Give field & University	NA	-
PhDs / Projects Guided	Ph.D. Awarded: 0	Projects at Master's Level: Nil Projects at Bachelor's Level: Nil

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
1	-	-

iii. Consultancy: NIL

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

7. Awards Received

NA

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	Analytical study of Love wave propagation in functionally graded piezo-poroelastic media with electroded boundary and abruptly thickened imperfect interface	Singh, A. K., Rajput, P. , & Chaki, M. S.	Waves in Random and Complex Media	32(1), 463-487.	Both	4.051	Taylor & Francis https://doi.org/10.1080/17455030.2020.1779387
2	Propagation characteristics of love-type wave at the electro-mechanical imperfect interface of a piezoelectric fiber-reinforced composite layer overlying a piezoelectric half-space	Singh, A. K., Rajput, P. , Guha, S., & Singh, S.	European Journal of Mechanics-A/Solids	91, 104527	Both	4.22	Elsevier https://doi.org/10.1016/j.euromechsol.2022.104527
3	Scattering of Love-type wave in piezoelectric–piezomagnetic layered structure due to abrupt thickening	Singh, A. K., Rajput, P. , & Kumari, R.	Waves in Random and Complex Media	1-60	Both	4.051	Taylor & Francis https://doi.org/10.1080/17455030.2023.2223316

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	The Propagation of Love-type Wave in Layered Functionally Graded Piezo-Poroelastic Media with Irregular Imperfect Interface	Pragati Rajput	65th Congress of Indian Society of Theoretical and Applied Mechanics (ISTAM)-2020		-	-	-
2	Analytical investigation of Love Wave Propagation in FGPPM layered structure with Abruptly Thickened Imperfect Interface	Pragati Rajput	27th International Conference of International Academy of Physical Sciences (CONIAPS XXVII)-2021		-	-	-

3	Love-type wave propagation at the electro-mechanical imperfect interface of piezoelectric fiber-reinforced composite layer over piezoelectric half-space: a comprehensive study	Pragati Rajput	National Conference on Geophysical Advances - Natural Resource Exploration, Energy Security, and Geohazards (CGA2023)				
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iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Seven Days Online Workshop on Building Internet Scale Applications (BISA 2023)	Department of Mathematics & Computing IIT (ISM) Dhanbad	December 16-22, 2023
2	National Conference on Geophysical Advances - Natural Resource Exploration, Energy Security, and Geohazards (CGA2023)	Department of Applied Geophysics IIT (ISM) Dhanbad	March 24-26, 2023
3	Global Initiative of Academic Networks (GIAN) course entitled Global Seismology	GIAN-IIT(ISM), Dhanbad	May 9-18, 2022
4	27th International Conference of International Academy of Physical Sciences (CONIAPS-XXVII) on Recent Advances in Solid Mechanics and Seismology	Department of Mathematics Kurukshetra University, Kurukshetra-136119 Haryana	Oct 26-28, 2021
5	65th Congress of Indian Society of Theoretical and Applied Mechanics (ISTAM) (online mode)	Gandhi Institute of Technology and Management (GITAM) Hyderabad	Dec 9-11, 2020
6	Advanced training in Mathematics (ATM) School Workshop entitled Continuum	Department of Mathematics,	Nov 19-24, 2018

	Mechanics: Principles and Applications	Panjab University, Chandigarh,	
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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

10. Membership of Professional Bodies:

1. Life member of “Global Initiative of Academic Networks (GIAN)” IIT Roorkee, India, since April 13, 2018 (Application No.: 2015150574891).
2. Life member of “Society of Applied Mathematics-IIT(ISM), Dhanbad”.

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

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