



AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



Department of Artificial Intelligence and Machine Learning

Faculty Profile



Prof. Rupali Shyam Saha

Ph.D. (Pursuing)

M.Tech (CSE),

B.E (CE)

Assistant Professor

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Research Areas / Areas of Interest

Data Structures, Data Science, Machine Learning.

Personal Details

Date of Birth :	03/04/1995	Domicile:	Maharashtra
Gender :	Female	Blood Group:	B +ve
Contact Details:	Flat No. : 503 Avon Vista Patil Nagar Balewadi Pune 411045		

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D. (Pursuing – Computer Science and Engineering)	Department of Electronics & Computer Science, R.T.M. Nagp..ur University	RTMNU, Nagpur University	2024 – Present	-
2	M.Tech	Computer Science and Engineering(CSE)	RTMNU, Nagpur University	1 st class with Distinction	August 2020
3	B. E	Computer Engineering(CE)	RTMNU, Nagpur University	1 st class with Distinction	July 2017

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	03	05
2	Research	--	--
3	Industry	--	10
4.	Others	--	--
Total		04	03

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE)	No of times Subject Taught
1	Data Structures & Algorithms Lab	UG	SE (Computer Science and Engineering)	02
2	Data Structures & Algorithms Lab	UG	SE (Computer Science and Engineering)	02

3	Advance Data Structures & Algorithms	UG	TE (Computer Science and Engineering)	02
4	Java Programing	UG	SE (Computer Science and Engineering)	02
5	Python programming	UG	SE (Computer Science and Engineering)	02
6	Compiler Design	UG	TE (Computer Science and Engineering)	01
7	Ethics in IT	UG	SE (Computer Science and Engineering)	01
8	Data Science	UG	TE(AI&DS)	01
9	Computer Networks	UG	TE(AI&DS)	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals		07		Yes	Yes
Conferences	--	--	--	--	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher
1	Towards Adaptive Cancer Treatment: A Review of Explainable and Agentic AI in Iterative, Multimodal Healthcare Models	Rupali Shyam Saha et al.	2026	Grenze International Journal of Engineering & Technology (GIJET), Vol. 12,	ISSN: To be verified from final issue	Grenze International
2	Nonlinear Analysis of Machine Learning Applicability for Survival Analysis of Lung Cancer Patients	Rupa Fadnavis, Shilpa M. Dhopte, Shweta Sondawale, Swati Kale, Rupali Shyam Saha,	2024	Advances in Nonlinear Variational Inequalities, Vol. 27, No. 3, pp. 211–228; DOI: 10.52783/anvi.v27.1368	ISSN: 1092-910X	International Publications

3	Rice Plant Disease Detection and Remedies Recommendation Using Machine Learning	Shital Patil, Rupali Saha, Aasha Sangole	2022	International Research Journal of Engineering and Technology (IRJET), Vol. 9, Issue 5, May 2022	e-ISSN: 2395-0056; p-ISSN: 2395-0072	IRJET
4	Real-Time Hand Gesture Recognition	Pranjali Manmode, Rupali Saha, Manisha N. Amnerkar	2021	International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), Vol. 7, Issue 3, pp. 618–624, May–June 2021; DOI: 10.32628/CSEIT2173132	ISSN: 2456-3307	IJSRCSEIT
5	Security for Multi Cloud Using Server-less Registering Approach	Shravani Jasthi et al.	2021	Turkish Journal of Computer and Mathematics Education, Vol. 12, No. 3, pp. 4801–4804	ISSN: 1309-4653	TURCOMAT
6	A Systematic Approach Used in Privacy Preservation for Collaborative Data Publishing	Prajakta Akhand, Tryambak Hiwarkar, Rahul Bhandekar, Amita Suke, Monika Ingole, Rupali Saha	2021	International Journal of Innovations in Engineering and Science, Vol. 6, Issue 8, pp. 31–34; DOI: 10.46335/IJIES.2021.6.8.7	e-ISSN: 2456-3463	International Journal of Innovations in Engineering and Science
7	Orange Fruit Disease Classification Using Deep Learning Approach	Rupali Saha, S. Neware	2020	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE), Vol. 9, No. 2, pp. 2297–2301; DOI: 10.30534/ijatcse/2020/211922020	ISSN: 2278-3091	World Academy of Research in Science and Engineering

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	Organized by
1					

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	02	12

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.

Patents / IPR Filed / Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1					

Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number
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1	A Systematic Review on Security and Privacy of Blockchain Technology in the Banking Sector	Iterative International Publishers (IIP)	978-81-69809-30-6
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Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount

Details of Workshop / STTP / FDP / Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/International)	Sponsoring Agency

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level (National/Int/ State/Regional)	Date
1	Priyadarshini College of Engineering, Nagpur & Board of Studies CSE/CT/IT/CE, Faculty of Science and Technology, RTMNU, Nagpur	Developing Potentials in Cutting Edge Technologies of Computer Science	State	17 January 2023 – 21 January 2023 (1 Week)

Details of Workshop / STTP / FDP Attended

S. No.	Title	Type	Duration	Level (State/National/International)	Sponsoring Agency
1	AI in Education and Research	Faculty Development Program (FDP)	9 March 2026 – 13 March 2026 (1 Week)	National	Pimpri Chinchwad College of Engineering & Research, Ravet, Pune
2	Recent Trends in Artificial Intelligence and Data Science	AICTE– ATAL Faculty Development Program	12 January 2026 – 17 January 2026 (6 Days)	National	AICTE Training and Learning (ATAL)
3	Research Methodology	NPTEL Online Certification Course	Jan–Mar 2025 (8 Weeks)	National	NPTEL
4	Effective Writing	NPTEL Online Certification Course	Jan–Mar 2025 (8 Weeks)	National	NPTEL
5	Research Methodology in Natural Sciences	NPTEL Online Certification Course	Jan–Apr 2025 (12 Weeks)	National	NPTEL
6	Artificial Intelligence & IoT Driven Data Analytics in Industry 5.0	AICTE– ATAL Faculty Development Program	9 December 2024 – 14 December 2024 (6 Days)	National	AICTE Training and Learning (ATAL)
7	Generative AI Models and Applications of Machine Learning	National Level Online Faculty Development Program	21 May 2024 – 25 May 2024 (1 Week)	National	Shri Vishnu Engineering College for Women
8	Accreditation and Outcome Based Learning	NPTEL Online Certification Course	Aug–Oct 2023 (8 Weeks)	National	NPTEL
9	Programming, Data Structures and Algorithms using Python	NPTEL Online Certification Course	Jan–Mar 2023 (8 Weeks)	National	NPTEL

10	Developing Potentials in Cutting Edge Technologies of Computer Science	Short Term Training Program (STTP)	17 January 2023 – 21 January 2023 (1 Week)	National	Priyadarshini College of Engineering, Nagpur & RTMNU, Nagpur
11	Recent Trends in Information & Cloud Security	Short-Term Training Program (STTP)	9 January 2023 – 14 January 2023 (1 Week)	National	G H Raisonni College of Engineering, Nagpur; supported by IETE
12	Technology for Entrepreneurship	ISTE Approved Short-Term Training Program	12 December 2022 – 17 December 2022 (6 Days)	National	Department of Information D. Y. Patil Deemed to be University
13	Python for Data Science	NPTEL Online Certification Course	Jul–Aug 2022 (4 Weeks)	National	NPTEL
14	Deep Learning	AICTE–ATAL Online Elementary Faculty Development Program	13 December 2021 – 17 December 2021 (5 Days)	National	AICTE Training and Learning (ATAL) Academy / IIIT Vadodara

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Result Analysis Coordinator
2	Class Teacher
3	ERP Coordinator
4	Time Table Coordinator

Awards Received

S. No.	Awards

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Prof. Rupali S. Saha