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Greater Noida

— Aim For Excellence —



Srijan

Department of Artificial Intelligence and Data Science

Newsletter Highlights

Faculty Achievement

Hackathon

Quiz Techknow

Industrial Visit



 www.iimtindia.net

 Plot no. 19 & 20, Knowledge Park III,
Greater Noida (U.P.)

 contact_gn@iimtindia.net

Oct-Dec 2025

VOLUME IV, ISSUE V
NEWSLETTER

From Chief Editor's Desk



Prof (Dr.) Prabhat Kr. Vishwakarma
HOD, AI & DS

In 2021, our Artificial Intelligence & Data Science (AI & DS) department was established, embarking on a transformative journey that began with an intake of 60 students and has now grown to accommodate 180 students annually. Our primary objective has always been to deliver top-quality education in the evolving fields of AI and Data Science.

We are proud to be part of an institution accredited with an A Grade by NAAC, underscoring our commitment to academic excellence and continual improvement. Our vision is to impart education and consultancy aligned with global standards, with the goal of producing highly skilled, self-disciplined professionals who are capable of making impactful contributions on a global scale.

In response to the rapid advancements in technology and the growing demand for data-driven solutions, we are dedicated to nurturing high-caliber professionals who excel in various domains of AI and Data Science across the IT industry in India and abroad.

Our B.Tech program in Artificial Intelligence & Data Science emphasizes a solid foundation in core principles, along with proficiency in cutting-edge technologies such as machine learning, deep learning, big data analytics, and cloud computing. The department boasts state-of-the-art laboratories equipped with industry-relevant tools like Python, R, Tensor Flow, MATLAB, Oracle, Cisco Packet Tracer, and a modern project lab that meets professional standards.

Our faculty comprises highly-qualified educators with rich teaching and industry experience, holding MTech and PhD degrees. Their expertise ensures an enriching and comprehensive academic environment that fosters deep learning, innovation, and practical knowledge among students.

The Artificial Intelligence & Data Science (AI & DS) Department offers a B.Tech. Program focused on cutting-edge technologies like machine learning, data analytics, and deep learning. The department is committed to academic excellence, industry relevance, and holistic student development. With experienced faculty and modern lab facilities, it prepares students to become skilled professionals, innovators, and future entrepreneurs. The dynamic learning environment facilitated by the department and the industry-aligned training available to our graduates empower them to excel in the rapidly-evolving tech landscape.

Dr. Prabhat Kr. Vishwakarma
Associate Professor
Chief Editor & HOD Dept. of AI & DS

Oct-Dec 2025

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INDUSTRIAL VISIT

DUCAT SCHOOL OF AI

The Department of Artificial Intelligence & Data Science organized an industrial visit for its students to DUCAT – School of AI on 25th November 2025. Students who participated in the visit gained practical exposure to AI and Data Science applications and interacted with various industry experts. The visit was informative, enhancing their understanding of the AI and Data Science industry.



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Department of Artificial Intelligence and Data Science (AI&DS)

is organizing

INDUSTRIAL VISIT

DUCAT

School of **Ai**

📅 25th NOVEMBER 2025 | 9:30 AM

📍 DUCAT, Plot No. 40 A,
W Rd, Near Ashoka Tower, Techzone 4,
west, Amrapali Dream Valley,
Greater Noida

VOLUME IV, ISSUE V
NEWSLETTER

Oct-Dec 2025

AXIS HACKSPRINT

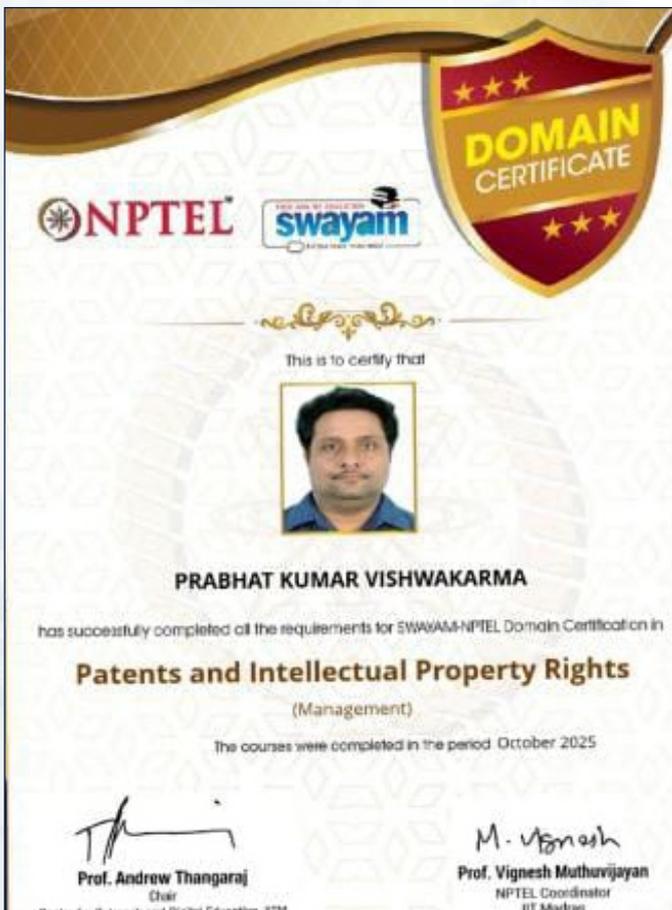
ACHIEVEMENT AT AXIS HACKSPRINT NATIONAL LEVEL HACKATHON

Three students of the Department of Artificial Intelligence & Data Science, Shivam Upadhyaya (III Year), Shivam Kumar Jha (III Year) and Apoorva (II Year), secured First Position in the IoT Domain at the Axis HackSprint National Level Hackathon, held on 4th December 2025 at Axis Institute of Technology and Management, Kanpur, Uttar Pradesh. Their outstanding performance reflected the Department's commitment to technical excellence, creativity, and strong teamwork



FACULTY ACHIEVEMENT

The Department of AI and Data Science proudly acknowledges the achievement of its head, Dr. Prabhat Kumar Vishwakarma, on being recognized as an NPTEL Super Star for the July–December 2025 session. He has also successfully earned the SWAYAM–NPTEL Domain Certification in “Patents and Intellectual Property Rights (Management)”, reflecting his commitment to the academic excellence and continuous professional development.

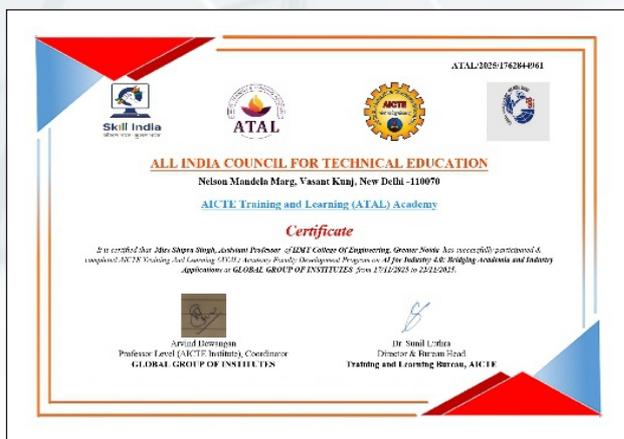


FACULTY RESEARCH AND PROFESSIONAL EXCELLENCE

The Department of Artificial Intelligence & Data Science at IIMT College of Engineering continues to uphold its commitment to academic excellence and research innovation. In 2025-26, our faculty members have made notable contributions through patent publications, specialized book chapters and national-level certifications, reflecting the department's focus on advancing knowledge and emerging technologies.

S.No	Faculty Name	Category	Achievement Title / Topic
1	Dr. Prabhat K. Vishwakarma	Conference	Detection of Online Payment Fraud Using Machine Learning in Python
2	Mr. Pragyadeep	Patent	1. PT 844: ML-Based Intrusion Detection for Home Security 2. PT 853: ML-Enhanced Smoke Detection for Fire Safety
		ATAL FDP	1. Emerging Research Trends in Supercomputing, AI, and Data Science 2. IoT and AI in Healthcare: Building Smart Cities (
		National FDP	Recent Trends and Future Perspective of AI in Image Processing
		Conference	Incorporating Bio-Inspired Optimization Strategies to Enhance Deep Learning
3	Mrs. Sushree Sasmita Dash	Conference	Application of AI for Pest and Disease Forecasting in Agriculture
4	Mrs. Pooja Kapila	Book/Chapter	Data Structure Algorithms using C
		Conference	1. Deep Learning Algorithms for Early Disease Detection in Medical Imaging 2. Predictive Analysis in Healthcare using Expert System
5	Mr. Asheesh K. Dwivedi	Conference	Imperceptible Technique to Secure Digital Audio Signals
		ATAL FDP	Future Intelligent Network towards 6G
6	Mr. Vivek Kumar Sharma	Patent	Attention-Guided Hybrid Deep Learning for Automated Medical Image Analysis
		ATAL FDP	Recent Trends and Future Directions in AI for Medical Imaging

7	Mr. Narender Singh	Patent	Attention-Guided Hybrid Deep Learning for Automated Medical Image Analysis
		ATAL FDP	Exploratory Data Analytics (EDA) -Tools and Techniques
8	Mr. Honey Kumar	Patent	Attention-Guided Hybrid Deep Learning for Automated Medical Image Analysis
		ATAL FDP	Exploratory Data Analytics (EDA) -Tools and Techniques
9	Mrs. Pooja Gautam	ATAL FDP	AI for Industry 4.0: Bridging Academia and Industry Applications
		Book Chapter	AutoML and Non-Code Platform
10	Ms. Nitika	Book Chapter	Backpropagation and Training Models in Neural Networks and Deep Learning
		ATAL FDP	AI for Industry 4.0: Bridging Academia and Industry Applications
		National FDP	Recent Trends and Future Perspectives of AI in Image Processing
		Patent	AI-Driven Cyber Threat Prediction Engine Using Multi -Layer Behavioral and Network Traffic Analysis
11	Ms. Shipra Singh	ATAL FDP	AI for Industry 4.0: Bridging Academia and Industry Applications







International Conference on Digital Innovation for Sustainable Solutions (ICDISS 2025)
 November 14-15, 2025
Certificate of Participation

This is to certify that Prof./Dr./Mr./Ms. Neel Kumar Sharma
 from Department of AI and DS, IIMT College of Engineering, Greater Noida has successfully presented a paper titled Optimizing Content Generation with AI and Web Technologies: A Scalable Framework in the International Conference on Digital Innovation for Sustainable Solutions (ICDISS - 2025) organized by School of Computer Applications, Manav Rachna International Institute of Research and Studies, Faridabad, India. Technically Co-Sponsored by IEEE Delhi Section.

Conference Chair: Dr. B. R. Tapas Bapu
 Co-Chair: Prof. Dr. Ramesh Agrawal
 Convener: Prof. Dr. Suhail Javed Qureshi
 Co-Convener: Prof. Dr. Parul Capal

CP/2025/ FSI CRT /CH-14/1



E-CERTIFICATE
of Publication

This is to certify that Ms. Pooja Kapila, Assistant Professor (Department of AI&DS) from IIMT COLLEGE OF ENGINEERING, Greater Noida has published his/her chapter entitled IOT Testing and Quality in the edited book on The Future of Scientific Innovation: Current Research Trends bearing "ISBN: "978-93-7143-500-0" in September 2025.

ISBN 978-93-7143-500-0

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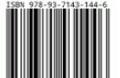


CP/2025/ Book No.-931/CH-29/4



E-CERTIFICATE
of Publication

This is to certify that Ms. Nitika, Assistant Professor (Department of Artificial Intelligence and Data Science) from IIMT College of Engineering, Greater Noida has published his/her chapter entitled Backpropagation and Training Models in Neural Networks and Deep Learning in the edited book on The Future of Scientific Innovation: Current Research Trends & AI Applications bearing "ISBN: "978-93-7143-144-6" in December 2025.

ISBN 978-93-7143-144-6

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CP/2025/ Book No.-883/CH-6/1



E-CERTIFICATE
of Publication

This is to certify that Ms. Pooja Gautam, Asst. Professor (Department of AI & DS) from IIMT Engineering College, Greater Noida has published his/her chapter entitled AutoML and Non Code Platform in the edited book on The Future of Scientific Innovation: Current Research Trends & AI Applications bearing "ISBN: "978-93-7143-144-6" in December 2025.

ISBN 978-93-7143-144-6

 9 785371 431446







CERTIFICATE OF COMPLETION
 THIS IS TO CERTIFY THAT
MS. POOJA KAPILA
 IIMT COLLEGE OF ENGINEERING
 has successfully participated and completed the **Five Days National Level Faculty Development Programme on RECENT TRENDS AND FUTURE PERSPECTIVE OF AI IN IMAGE PROCESSING – TOOLS, TECHNIQUES AND APPLICATIONS: RESEARCH PERSPECTIVE.** organized by **Department of Electronics & Communication Engineering, S.A Engineering College** in association with **Pantech Solutions Pvt Ltd** from 13th to 17th October 2025.

DR. B. R. TAPAS BAPU, HOD-ECE, SAEC
 DR. R. RAMACHANDRAN, PRINCIPAL, SAEC
 SENTHIL KUMAR M R, DIRECTOR, PANTECH





CERTIFICATE OF COMPLETION
 THIS IS TO CERTIFY THAT
MR. PRAGYA DEEP
 IIMT COLLEGE OF ENGINEERING
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DR. B. R. TAPAS BAPU, HOD-ECE, SAEC
 DR. R. RAMACHANDRAN, PRINCIPAL, SAEC
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DR. B. R. TAPAS BAPU, HOD-ECE, SAEC
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 SENTHIL KUMAR M R, DIRECTOR, PANTECH

Office of the Controller General of Patents, Designs & Trade Marks
 Department for Promotion of Industry and Internal Trade
 Ministry of Commerce & Industry,
 Government of India
 (<http://ipindia.nic.in/index.htm>)



Application Details	
APPLICATION NUMBER	202541104674
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/10/2025
APPLICANT NAME	1. Dr. Anubhav Kumar 2. Mr. Vivek Kumar Sharma 3. Mr. Shivam Awasthi 4. Ms. Jyoti Ratna 5. Mr. Hanay Kumar 6. Mr. Narender Singh 7. Dr. A. Thanmathi 8. Ms. Durga Devi P 9. Mr. Rajakumar P 10. Mr. Prabhu K.
TITLE OF INVENTION	AI-Powered Attention-Driven Deep Learning Framework for Smart Medical Image Interpretation
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	dr.anubhavkumar@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	
PUBLICATION DATE (U/S 11A)	28/11/2025

Application Status

Artificial Intelligence and Data science



CHIEF EDITOR

Prof. (Dr.) Prabhat Kr. Vishwakarma
HOD, AI & DS



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Asst. Prof.



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