



TECNIA INSTITUTE OF ADVANCED STUDIES

NAAC GRADE "A" INSTITUTE (CYCLE-2)

Approved by AICTE, Ministry of Education Govt. of India,
Affiliated to G.G.S.I.P. University & Recognized Under Sec. 2(f) of UGC Act 1956.


INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI-110085

WEBINAR on Artificial Intelligence

Club	I/O AI, ML & ROBOTICS CLUB
Title of Activity*	Beyond Intelligence How Generative AI Is Reshaping Machine Learning.
Event – Awareness/Outreach	Educational Report
Program Theme*	AI
In association with (Dept./ Centre/ Cells/Clubs/ Committees Name)	Technical Club
Objectives	<ul style="list-style-type: none">• To introduce BCA& MCA students to the fundamentals of Artificial Intelligence and its relevance in today's digital and professional environment.• To create awareness about Generative AI and modern AI tools and their practical applications in academics and industry.• To develop basic prompting skills among students for effective and responsible use of AI technologies.• To enhance students' digital readiness and productivity by demonstrating AI-driven solutions for learning and problem-solving.• To sensitize students towards ethical use of AI, including issues related to data privacy, bias, and risk management.• To motivate students to adopt AI-enabled approaches for continuous learning and future career preparedness.
Mulya Pravah	Continuous Value Flow Creation Process, AI-Driven Value Flow and Automation, Sustained Value Flow Through Automation
UNSDG	SDG 4 (QUALITY EDUCATION)
Outcomes with its impact	<ul style="list-style-type: none">• Enhanced Operational Efficiency: AI-driven automation reduces manual effort, minimizes errors, and accelerates process execution, leading to faster and more efficient operations.• Improved Decision-Making: Data-driven insights generated through AI enable accurate predictions, better planning, and timely strategic decisions.• Cost Optimization: Automation lowers operational and labor costs by optimizing resource utilization and reducing process redundancies.• Workforce Transformation:

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	<p>Employees shift from repetitive tasks to analytical and creative roles, increasing job quality and productivity while encouraging skill development.</p> <ul style="list-style-type: none"> • Enhanced Customer Experience: Personalized services, faster response times, and intelligent support systems improve customer satisfaction and engagement. • Sustainable Competitive Advantage: Organizations adopting AI transformation gain agility, scalability, and long-term competitiveness in a rapidly evolving digital environment.
External Expert	Mr. Amar Kumar Jha at Corporate Trainer And AI Consultant
Internal Expert/Faculty	Mr. Gaurav Singh Rawat and Ms. Richa
Date	07.01.2026
Time	03:00pm to 04:00pm
Venue	Online Mode
Social media link	NA
Poster/Flyer/Notice*	


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Beyond Intelligence: How Generative AI is Reshaping Machine Learning



WEBINAR



Mr. Amar Kumar Jha
Corporate Trainer and AI Consultant


DATE	TIME
7th January 2026	3:00 PM 4:00 PM



Certificate will be given
to participants

No. of Students* (only no. to be written, list in excel or word should be maintain at department level as proof for any further requirement)	60
No. of Faculty* (only no. to be written , list in excel or word should be maintain at department level as proof for any	15

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further requirement) No. of External Participants (students + faculty) (write NA if not applicable)	01
Geotag Photographs(with Caption)*	
 <p>The screenshot shows a Zoom meeting interface. At the top, there are several participant thumbnails with initials: LK, DB, KJ, AP, and another. The main screen displays a presentation slide with the text 'Artificial Intelligence' and 'Machine Learning' in large, bold letters. The slide features a background image of a person sitting at a desk with a computer, surrounded by digital data and circuitry. On the right side of the Zoom window, there is a list of participants and a 'with meeting' dropdown menu.</p>	
Caption: AI and Machine Learning	
Report: Description in (min 250 to max 800 words)*	<p>Generative Artificial Intelligence (Generative AI) is emerging as one of the most transformative advancements in the field of machine learning. Unlike traditional machine learning models that primarily focus on prediction and classification based on existing data, generative AI systems are capable of creating new data, content, and solutions that closely resemble real-world outputs. This shift is fundamentally reshaping how machine learning models are designed, trained, and applied across various domains.</p> <p>Machine learning traditionally relied on supervised, unsupervised, and reinforcement learning techniques to identify patterns and make decisions from structured datasets. Generative AI expands these capabilities by introducing models such as Generative Adversarial Networks (GANs), Variational Autoencoders (VAEs), and large-scale transformer-based architectures. These models learn the underlying distribution of data and generate new samples, such as images, text, audio, and code, rather than merely analyzing existing inputs.</p> <p>One of the most significant ways generative AI is reshaping machine learning is through improved data utilization. In many real-world scenarios, high-quality labeled data is scarce or expensive to obtain. Generative AI can synthesize realistic datasets that help train machine learning models more effectively, reduce bias, and improve overall performance. This has proven especially valuable in domains such as healthcare, finance, and autonomous systems, where data availability and privacy are critical concerns.</p> <p>Generative AI is also transforming model training and automation.</p>


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	<p>Advanced generative models can automatically design features, simulate scenarios, and optimize learning processes. This reduces the dependency on manual feature engineering, which was traditionally a time-consuming and expertise-driven task in machine learning. As a result, model development becomes faster, more efficient, and accessible to a broader range of users.</p> <p>In practical applications, generative AI is revolutionizing content creation, natural language processing, and computer vision. Language models can generate human-like text, assist in coding, summarize documents, and enable intelligent virtual assistants. In computer vision, generative models are used for image enhancement, object generation, and realistic simulations. These capabilities demonstrate how machine learning has evolved from analytical systems to creative and adaptive technologies.</p> <p>Despite its advantages, generative AI also introduces new challenges to machine learning. Issues such as model hallucination, ethical concerns, data misuse, and intellectual property risks must be carefully addressed. Additionally, generative models require significant computational resources and energy, making efficiency and sustainability important considerations for future development.</p> <p>In conclusion, generative AI is reshaping machine learning by expanding its scope from pattern recognition to intelligent content generation and automation. It enhances data efficiency, accelerates model development, and enables innovative applications across industries. While challenges remain, responsible and ethical use of generative AI will ensure that machine learning continues to evolve as a powerful and transformative technology in the digital age.</p>
Attendance Sheet*	Attached at the end of Report
For Office Use: Notification No.	
Name and Signature of Event Coordinator/Nodal Club Officer/Club Incharge(with stamp)	<p>Mr. Gaurav Singh Rawat AI, ML & ROBOTICS CLUB</p> <p>Mr. Indraprakash Srivastava TECHNICAL CLUB</p>
List of Participants Attached(Separate Page)	Attached


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List of Participants

S.No.	Name of Participants	Enrollment no.	Program
1	YATHARTH KUMAR JAIN	121302023	BCA
2	PRANAY KUMAR	221302023	BCA
3	PRIYANSHI PATHAK	321302023	BCA
4	SAKSHAM YADAV	421302023	BCA
5	MANSI ARORA	521302023	BCA
6	DAKSH SEKHRI	621302023	BCA
7	DHRUV SHARMA	02117002025	BCA
8	SAKSHI	02417002025	BCA
9	HARDIK NANDWANI	02817002025	BCA
10	VIPAN KUMAR VANSH	03017002025	BCA
11	HARSH RATHORE	03317002025	BCA
12	ANSH DAHIYA	03617002025	BCA
13	RUPAM BAURAI	03917002025	BCA
14	ASHMIT VIJAYRAN	04117002025	BCA
15	AMAN BAID	04417002025	BCA
16	MAYANK KASHYAP	04717002025	BCA
17	ANSH JALLANDHRA	04917002025	BCA
18	HARSH CHAUHAN	05217002025	BCA
19	PRATHAM KATHURIYA	05517002025	BCA
20	KUNAL GUPTA	05817002025	BCA
21	JYOTIKA MANRAL	06017002025	BCA
22	ANISHU RAHMAN	06217002025	BCA
23	VISHESH DHAKA	06417002025	BCA
24	ALI HASHIM	06717002025	BCA
25	JANVI RAWAT	06917002025	BCA
26	AASHIMA	07117002025	BCA
27	RIYANSH PANJWANI	07317002025	BCA
28	LOVISH MALHOTRA	07617002025	BCA
29	DAKSH SUBHASH TYAGI	07817002025	BCA
30	PURVA	08117002025	BCA
31	TANISHQ	08417002025	BCA
32	RIDDHI GOYAL	08617002025	BCA
33	NIRBHAY RAGHAV	08917002025	BCA
34	SWAYAM KAPOOR	09117002025	BCA
35	GAURAV BHOWMICK	09417002025	BCA
36	LALITA NEGI	09617002025	BCA
37	ACHINTYA PANDEY	09917002025	BCA
38	DEV CHOUDHARY	10117002025	BCA


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39	PRINCE KUMAR	10417002025	BCA
40	TANISHA CHAURASIYA	10717002025	BCA
41	JATIN	11017002025	BCA
42	HARSHIT KUMAR	11217002025	BCA
43	NAINIKA NARANG	11417002025	BCA
44	AKARSH CHAURASIA	11617002025	BCA
45	KARTIK SEHGAL	11817002025	BCA
46	ASHMIT NANDA	12017002025	BCA
47	ANUBHA DHAKAL	00121302025	BCA
48	UJJWAL CHAURASIA	00421302025	BCA
49	RONAK	00721302025	BCA
50	AANYA AGGARWAL	01021302025	BCA
51	VINAYAK SHARMA	01321302025	BCA
52	LAKSHAY SHARMA	01621302025	BCA
53	DHEERAJ PATWAL	01921302025	BCA
54	DHRUV RAMESH IYER	02221302025	BCA
55	KANIKA	02521302025	BCA
56	PARV MEHNDIRATTA	02821302025	BCA
57	PRATHAM SHARMA	03121302025	BCA
58	TYANSHI KHANNA	03421302025	BCA
59	MAHI MEHRA	03721302025	BCA
60	MAYANK KUMAR	04021302025	BCA

Mr Gaurav Singh Rawat I/O AI, ML & ROBOTICS CLUB

Name and Signature of Club In charge


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