



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*	AI TRANSFORMATION & AUTOMATION
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	Global Citizenship, Constitutional / Professional Values, Sustainability, Commitment, Dedication, Inclusiveness, Integrity, Trusteeship
UNSDG	SDG 4 (QUALITY EDUCATION)
Outcomes with its impact	<ul style="list-style-type: none">• Enhanced Understanding of Artificial Intelligence Outcome: Students gained a clear foundational understanding of Artificial Intelligence, its concepts, and real-world applications. Impact: This helped reduce apprehension about AI and enabled students to relate AI concepts to their BCA curriculum and future professional roles.• Awareness of Generative AI and Emerging Tools Outcome: Participants became familiar with Generative AI technologies and various AI tools used in academics and industry. Impact: Students developed awareness of how AI tools can support learning, coding, content creation, and problem-solving, improving

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	<p>academic efficiency.</p> <ul style="list-style-type: none"> • Improved Prompting and Problem-Solving Skills Outcome: Students learned basic prompting techniques to interact effectively with AI systems. Impact: This enhanced students' analytical thinking and ability to generate accurate and meaningful outputs using AI, supporting independent learning. • Increased Digital Readiness and Productivity Outcome: Students understood how AI can be integrated into day-to-day academic tasks. Impact: The workshop motivated students to use AI responsibly to improve productivity, time management, and quality of work. • Understanding of Ethical AI Practices Outcome: Participants were sensitized to ethical considerations, data privacy, bias, and risks associated with AI technologies. Impact: Students developed a responsible attitude towards AI usage, ensuring ethical and informed decision-making. • Motivation for Continuous Learning and Career Preparedness Outcome: Students were encouraged to explore AI-based learning resources and skill development pathways. Impact: This fostered a forward-looking mindset, enhancing students' career readiness in an AI-driven digital ecosystem.
External Expert	Mr.Sudarshan
Internal Expert/Faculty	Mr. Gaurav Singh Rawat and Ms. Richa
Date	03.01.2026
Time	03:00pm to 04:00pm
Venue	Virtual Mode
Social media link	NA
Poster/Flyer/Notice*	


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What Are SMART Goals?



WEBINAR

AI Transformation & Automation

DATE

Saturday
3 January 2025

TIME

3:00 PM
4:00 PM



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 further requirement)

15

No. of External Participants (students + faculty) [write NA if not applicable]

01

Geotag Photographs(with Caption)*

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Caption: AI and its role in enhancing AI-driven search and research capabilities.

Report: Description in (min 250 to max 800 words)*

Artificial Intelligence (AI) Transformation and Automation represent a significant technological shift that is reshaping how organizations function across industries. AI transformation refers to the strategic adoption and integration of artificial intelligence technologies into business processes, decision-making systems, and operational workflows. Automation, when combined with AI, enables machines and software systems to perform tasks that traditionally required human intelligence, such as learning from data, recognizing patterns, making predictions, and taking decisions with minimal human intervention.

In the modern digital economy, organizations generate and process vast amounts of data every day. AI transformation helps convert this raw data into actionable insights. Through technologies such as machine learning, natural language processing, and computer vision, organizations can analyze complex datasets, identify trends, forecast outcomes, and improve overall performance. Unlike traditional automation, which is rule-based and limited, AI-driven automation is adaptive and capable of improving itself over time through continuous learning.

Automation powered by AI plays a crucial role in enhancing operational efficiency. Repetitive and time-consuming tasks such as data entry, report generation, customer query handling, and transaction processing can be automated with high accuracy and speed. This reduces human error, saves time, and allows employees to focus on higher-value tasks such as strategic planning, creativity, and problem-solving. As a result, productivity increases while operational costs decrease.

AI transformation and automation have found applications across various sectors. In business and industry, AI is used for demand forecasting, predictive maintenance, customer personalization, and supply chain optimization. In healthcare, AI supports medical diagnosis, patient monitoring, appointment scheduling, and analysis of medical images. In finance, AI-driven automation is widely used for fraud detection, credit

Rajeev

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	<p>risk assessment, algorithmic trading, and automated customer support. In education, AI enables personalized learning experiences, automated assessment systems, and virtual teaching assistants.</p> <p>Despite the numerous benefits, AI transformation and automation also present challenges. High implementation costs, data privacy concerns, ethical issues, and the risk of bias in AI models are significant considerations. Additionally, automation raises concerns about job displacement. However, rather than eliminating jobs entirely, AI is transforming job roles and creating new opportunities that require advanced technical, analytical, and managerial skills. This makes continuous learning and workforce upskilling essential.</p> <p>In conclusion, AI transformation and automation are powerful drivers of digital change, enabling organizations to become more efficient, intelligent, and competitive. When implemented responsibly with proper governance and ethical considerations, AI-driven automation can deliver sustainable growth, innovation, and long-term value. It is not merely a technological upgrade but a fundamental transformation in the way work is performed and decisions are made in the modern world.</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 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	AYUSH GARG	121302023	BCA
2	KRISH KUKAL	221302023	BCA
3	BHAVYA TYAGI	321302023	BCA
4	TANISHQ joshi	421302023	BCA
5	KHUSHI	521302023	BCA
6	JAYESH SETIA	621302023	BCA
7	VAIBHAV	02117002025	BCA
8	KANGANA ARORA	02417002025	BCA
9	ADARSH UPADHYAY	02817002025	BCA
10	VISHESH	03017002025	BCA
11	YASH KATHPAL	03317002025	BCA
12	HITESH RATHI	03617002025	BCA
13	ARPIT MAHESHWARI	03917002025	BCA
14	LUV BHARDWAJ	04117002025	BCA
15	DAKSH JAIN	04417002025	BCA
16	KUMKUM TIWARI	04717002025	BCA
17	ABHISHEK KUMAR	04917002025	BCA
18	FALAK SHARMA	05217002025	BCA
19	PARIDHI BANSAL	05517002025	BCA
20	AKSHAY	05817002025	BCA
21	VAIBHAV HARJAI	06017002025	BCA
22	ALOK SHARMA	06217002025	BCA
23	ANANT SHARMA	06417002025	BCA
24	KRITIKA JAIN	06717002025	BCA
25	CHIRAG	06917002025	BCA
26	TUSHAR CHITRA	07117002025	BCA
27	ADITYA NEGI	07317002025	BCA
28	CHE TAN KUMAR SHARMA	07617002025	BCA
29	KUNAL SINGH GUSAIN	07817002025	BCA
30	PARUL SHARMA	08117002025	BCA
31	HARDIK RAWAT	08417002025	BCA
32	RAMAN VERMA	08617002025	BCA
33	PRIYAL CHOUDHARY	08917002025	BCA
34	ANISHA JUNEJA	09117002025	BCA
35	ANGAD GILL	09417002025	BCA
36	SUMIT SINGH RAWAT	09617002025	BCA
37	UDAY MALYAN	09917002025	BCA
38	GARVIT BEHAL	10117002025	BCA


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39	NIHARIKA GULATI	10417002025	BCA
40	AKSHAT RANA	10717002025	BCA
41	RADHIKA MITTAL	11017002025	BCA
42	LAKSHAY SHARMA	11217002025	BCA
43	DHRUV RAMESH IYER	11417002025	BCA
44	PARV MEHNDIRATTA	11617002025	BCA
45	TYANSHI KHANNA	11817002025	BCA
46	MAYANK KUMAR	12017002025	BCA
47	MOKSH UMRAH	00121302025	BCA
48	PARTH SHARMA	00421302025	BCA
49	SHRI YAS PATHAK	00721302025	BCA
50	JATIN GUPTA	01021302025	BCA
51	SABOORI VIJ	01321302025	BCA
52	ADITYA JAIN	01621302025	BCA
53	UTTKARSH GROVER	01921302025	BCA
54	AARYAN BALUNI	02221302025	BCA
55	SUVHADEEP DHARA	02521302025	BCA
56	PRATYAKSH	02821302025	BCA
57	KESHAV SINGHAL	03121302025	BCA
58	AYUSH KUMAR SRIVASTAVA	03421302025	BCA
59	DEEPAK SINGH	03721302025	BCA
60	VISHESH KUMAR	04021302025	BCA

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

Name and Signature of Club In charge

Gaurav
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