



AMBALIKA INSTITUTE OF MANAGEMENT & TECHNOLOGY

LEARNING WITHOUT LIMITS

IT INSIGHTS

THE OFFICIAL MAGAZINE OF
INFORMATION TECHNOLOGY
DEPARTMENT

“
EMPOWERING
INTELLIGENCE.
SHAPING THE
FUTURE.”



INTELLIGENT
THINKING



ADVANCED
TECHNOLOGY



DATA DRIVEN
DECISIONS



COLLABORATE
& INNOVATE



LEARN



INNOVATE



BUILD



IMPACT



EXCELLENCE IN
EDUCATION



COMMITMENT TO
INNOVATION



FOCUSED ON
IMPACT



DEPARTMENT OF
IT
INFORMATION
TECHNOLOGY

AFFILIATED TO DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY (AKTU)

APPROVED BY AICTE | NBA ACCREDITED PROGRAMS

LUCKNOW, UTTAR PRADESH

MESSAGE FROM HOD

Dr. MOHD KAMRAN

It gives me immense pleasure to present this edition of our Department of Information Technology magazine. department is dedicated to providing quality education, fostering innovation, and promoting research to prepare students for the ever-evolving world of technology. We strive to create an environment that encourages creativity, technical excellence, ethical values, and lifelong learning.

I congratulate our students and faculty for their remarkable achievements and contributions. I encourage every student to continue exploring emerging technologies, enhancing their skills, and embracing challenges with confidence. Together, let us work towards building a brighter, smarter, and technology-driven future.

Vision

To nurture students to the global standards in quality of education, research and development in information technology by adapting to the rapid technological advancement & infusing moral values.



Mission

1. To produce technologically competent and ethically responsible graduates
2. To take up researches in collaboration with professional societies to make the nation as a knowledge-power
3. To nurture extra-curricular skills and ethical values in students to meet the challenges of building a strong nation

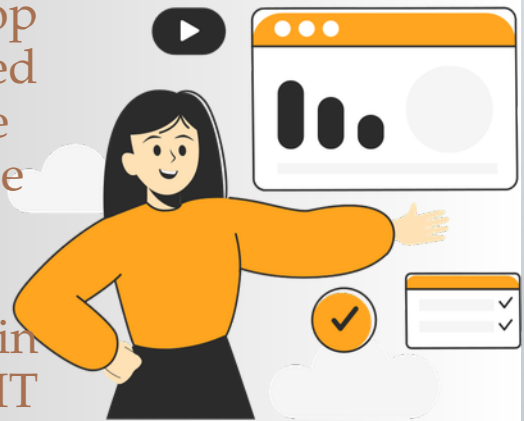


Program Educational Objectives (PEOs)

PSO 1: Professional Skills: Attain the ability to design and develop hardware and software based systems, evaluate and recognize potential risks and provide creative solutions.

PSO 2: Successful Career and Entrepreneurship: Gain knowledge in diverse areas of IT and experience an environment conducive in cultivating skills for successful career, entrepreneurship and higher studies.

PSO 3: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.



Program Outcome

PO 1: Engineering Knowledge

PO 2: Problem Analysis

PO 3: Design/development of solutions

PO 4: Conduct investigations of complex problems

PO 5: Modern tool usage

PO 6: The engineer and society

PO 7: Environment and sustainability

PO 8: Ethics

PO 9: Individual and team work

PO 10: Communication: .

PO 11: Project management and finance .

PO 12: Life-long learning .



Emerging Areas in IT

Cloud Computing

Cybersecurity

Blockchain Technology

NLP

Deep Learning

IoT

Data Science

Data Analytics





NATIONAL STARTUP DAY



The Department of Information Technology (IT), Ambalika Institute of Management & Technology (AIMT) celebrated National Startup Day on 16 January 2026 by organizing a Seminar-cum-Startup Idea Pitching Event. The seminar highlighted the importance of entrepreneurship, the Startup India initiative, and emerging opportunities in IT. Students enthusiastically presented innovative startup ideas addressing real-world challenges through intelligent technologies. The event encouraged creativity, innovation, teamwork, and entrepreneurial thinking while enhancing students' presentation and problem-solving skills. It concluded with certificate distribution, inspiring participants to transform their ideas into impactful AI-driven solutions for the future.



DATA SCIENCE TO AGENTIC AI WORKSHOP

The Evolution of Agentic System



The Evolution of Intelligence Systems seminar, organized by the AIML/IT/DS Department in association with IIC, explored AI advancements, intelligent automation, and future technologies, inspiring students through expert insights and interactive discussions.

The Department of Information Technology (IT) organized a workshop on Data Science, Machine Learning, Deep Learning, Generative AI, and Agentic AI for third-year students. The session was conducted by Dr. Swasti Agrawal under the guidance of Mrs. Hemani. The workshop introduced students to the fundamentals of AI, emerging technologies, and their practical applications. A live demonstration of Generative AI models using the Django Framework showcased real-world implementation. The interactive session enhanced students' understanding of Agentic AI, encouraged innovation, and bridged the gap between academic learning and current industry trends, preparing them for future AI-driven careers.

Hands-on Augmented Reality Workshop Using Snapchat Lens Studio



The Department of Information Technology(IT) organized a hands-on workshop titled “SNAPARWORKSHOP:AUGMENTED REALITY” on 24 March 2026. The workshop provided students with practical exposure to the rapidly growing field of Augmented Reality (AR) and immersive technologies using Snapchat Lens Studio.

The session focused on understanding AR concepts, designing interactive experiences, working with 3D assets, object tracking, visual effects, and real-time AR applications. Students gained hands-on experience in developing creative AR projects and learned the workflow of transforming ideas into functional AR experiences.

The workshop helped participants bridge the gap between theoretical concepts and practical implementation while encouraging innovation, creativity, and exploration of emerging technologies. Students successfully developed GitHub-ready AR projects and enhanced their technical skills in immersive technology development.

Faculty Coordinator: Mr. Ravi Shanker Pandey

Resource Person: Miss. Chhavi Garg

Departments Participated: AIML / DS / IT



BYTEBATTLE 2.0



The Departments of IT organized "ByteBattle2.0" on 31 March 2026 at the Seminar Hall to enhance student's coding skills, logical thinking, analytical abilities, and problem-solving approaches. The event provided an engaging platform for students to participate in coding challenges and logic based tasks, encouraging creativity, innovation, and technical excellence.

The competition motivated students to apply their programming knowledge in a practical environment while developing speed, accuracy, and teamwork skills. ByteBattle 2.0 successfully promoted a strong coding culture among students and helped them prepare for real-world technical challenges. The event was coordinated by Dr. Krishna Nand Mishra with active participation from students of AIML, IT, and DS departments.

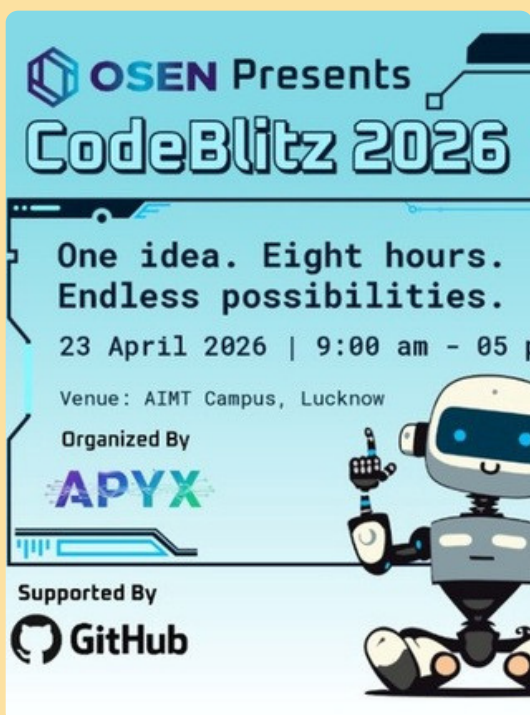


CODEBLITZ 2026



THE DEPARTMENT OF INFORMATION TECHNOLOGY (IT) SUCCESSFULLY ORGANIZED CODEBLITZ-2026 ON 23 APRIL 2026 AT THE SEMINAR HALL UNDER THE COORDINATION OF MR. RAVI SHANKAR PANDEY. THE EVENT AIMED TO FOSTER INNOVATION, CREATIVITY, AND TECHNICAL EXCELLENCE WHILE PROVIDING STUDENTS WITH AN OPPORTUNITY TO DEMONSTRATE THEIR CODING AND PROBLEM- SOLVING SKILLS.

STUDENTS PARTICIPATED IN TEAMS TO DEVELOP INNOVATIVE AND ORIGINAL SOLUTIONS WITHIN THE GIVEN TIME. THE COMPETITION ENCOURAGED LOGICAL THINKING, COLLABORATION, EFFECTIVE COMMUNICATION, AND THE PRACTICAL APPLICATION OF PROGRAMMING CONCEPTS TO SOLVE REAL-WORLD CHALLENGES.



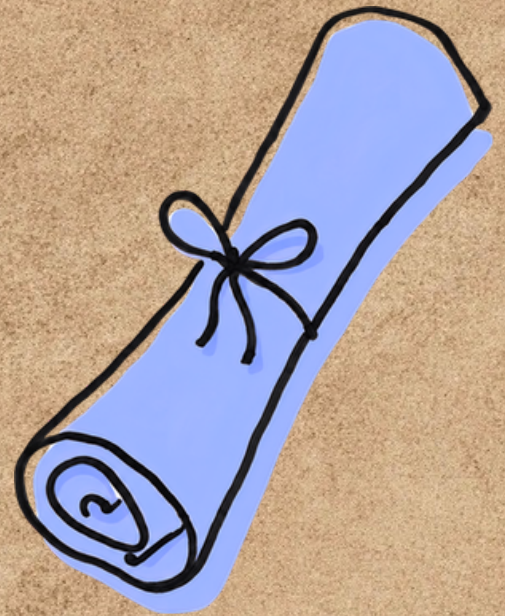
CODEBLITZ-2026 PROVED TO BE AN ENRICHING LEARNING EXPERIENCE, INSPIRING STUDENTS TO EXPLORE NEW TECHNOLOGIES AND STRENGTHEN THEIR TECHNICAL CAPABILITIES. THE EVENT SUCCESSFULLY PROMOTED A CULTURE OF INNOVATION, TEAMWORK, AND HEALTHY COMPETITION, PREPARING PARTICIPANTS FOR FUTURE HACKATHONS, TECHNICAL COMPETITIONS, AND INDUSTRY-DRIVEN CHALLENGES

Department *Achievement*

- Our department is continuously contributing towards academic excellence, innovation, and student development by creating a strong learning environment for future technology leaders.
- We have an active technical club, Synapse, which provides students with a platform to transform their innovative ideas into reality through practical learning and collaboration. The club has successfully organized multiple technical workshops and events for students, with its latest achievement being a workshop sponsored by Snapchat, giving students exposure to industry-level technologies and trends.
- In addition, the department organized a successful hackathon sponsored by GitHub, encouraging creativity, coding skills, and teamwork among students.
- Our students have also achieved remarkable placement success, securing opportunities in leading companies such as TCS, IBM, and Deloitte. Along with providing quality academics, the department strongly motivates students to pursue higher studies and competitive examinations. As a result of this academic guidance and continuous support, several students have successfully qualified the GATE examination, reflecting the department's commitment to both career growth and academic achievement.

CONCLUSION AND EDITORIAL

Technology evolves fast, but the fundamentals curiosity, clarity, and continuous learning never change. We hope this edition sparked new ideas and gave you practical insights to carry into your work. Stay informed, stay inspired, and keep building what matters. This edition brings together the voices, ideas, and innovations shaping the tech world today. From AI to cybersecurity, every topic reflects the questions our readers are asking. Thank you for reading, contributing, and being part of a community that believes knowledge shared is knowledge multiplied.



*Faculty Coordinator
Mrs. Pallavi Mishra*

*Student Editor
Sidhant Singh*