AICTE-VAANI SPONSORED THREE DAYS WORKSHOP
ON
BUILDING INCLUSIVE DIGITAL SOLUTIONS: AI, ETHICS, AND BEYOND

EMERGING FIELD: ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
IN
BENGALI LANGUAGE

🗓️ **23-25 JULY, 2025**

ORGANISED BY

ADAMAS UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ADAMAS KNOWLEDGE CITY, BARASAT - BARRACKPORE ROAD, JAGANNATHPUR, KOLKATA, WEST BENGAL 700126

AICTE - VAANI

AICTE is committed to the development of quality technical education in the country by initiating various schemes launched by Govt. of India. AlCTE-Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI) scheme promotes Indian languages among faculty members and students to improve the teaching-learning process. The AICTE-VAANI scheme will help in creating knowledge base in local language and will encourage creation of a treasure of latest technical knowledge incorporating the newest developments in regional languages. The scheme will also promote the promotion of research papers in the regional languages and further enhance the collaboration between Institutions and Industry.

ABOUT THE UNIVERSITY

Adamas University, with a sprawling green campus extending over 120 acres, nestled in Barasat (13 kms away from the Subash Chandra Bose International Airport Kolkata), and in its 10th year of operation, aspires to impart finest quality education to the young minds of West Bengal, with an already established high quality research facility and a powerful team of teachers. The University has many international initiatives collaborating with the industries and educational institutes to facilitate projects, research and student exchange programs. Currently, in its 10th year, the campus has 7500+ current students and about 2000 resident students & faculty members. The University has been established with the vision of providing quality education to students to help them become professionally competent as well as academically knowledgeable under the 10 Schools of Studies.

ABOUT THE DEPARTMENT

Department of Computer Science & Engineering prepares students to address the most compelling challenges of the world, backed by sound knowledge, integrity, research, and innovation. The department provides options to the students for specialization in contemporary topics like Artificial Intelligence, Machine Learning, Data Science, Cyber Security and Forensics, Cloud Computing and so on. With state-of-the-art infrastructure, faculty of the highest professional standards, a carefully crafted curriculum, active industry-academia collaborations, and global exposure, we provide students with specialised knowledge and practical skills along with value-added courses to prepare them for life. The department also maintains a specialized research centre on high performance computing.

ABOUT THE WORKSHOP

In alignment with the vision of Viksit Bharat, this three-day workshop will be organized to empower educators with the skills and knowledge necessary to develop inclusive, secure, and ethical AI solutions tailored for India's diverse socio-linguistic landscape. The program will focus on the development of multilingual AI systems, including voice assistants and chatbots that cater to non-English users, with a strong emphasis on cybersecurity, ethical deployment, and accessibility for regional communities.

The Workshop will bring together experts from academia, industry, and government sectors to deliver a blend of theoretical foundations and hands-on training. Participants will explore advanced concepts in AI system design, bias mitigation, secure deployment practices, and the integration of AI into critical sectors such as governance, healthcare, and agriculture. It will highlight the importance of accessible technology and the creation of AI tools that effectively address the needs of underrepresented and linguistically diverse populations.

OBJECTIVES

- To equip educators with advanced skills in developing inclusive AI solutions.
- To align AI education and innovation with the vision of Viksit Bharat for secure and inclusive digital growth.
- Design bias-free, secure AI tools such as voice assistants and chatbots for non-English users.
- Understand and apply secure practices in AI development and deployment.
- Explore responsible AI usage in governance, healthcare, and agriculture.
- Build AI solutions that serve regional languages and underserved communities.
- Promote collaborative research and practical AI innovation through partnerships.
- Blend theoretical concepts with practical sessions for real-world AI application.
- Strengthen participants' capacity to teach, research, and implement inclusive AI solutions.

EXPECTED OUTCOME

- Design Multilingual AI Systems – Participants will learn to develop secure, multilingual AI solutions like voice assistants and chatbots for India's diverse languages.
- Combat AI Bias & Enhance Security – Educators will gain skills to address AI bias and integrate cybersecurity in digital solutions.
- Apply Ethical AI Across Sectors – The program enables ethical AI implementation in governance, healthcare, and agriculture while fostering industry collaborations.
- Develop Accessible Technologies – Participants will specialize in creating inclusive, region-specific AI tools for underserved communities.
- Empower Educators for Viksit Bharat – Faculty will enhance teaching, research, and contribute to India's mission by bridging digital gaps with culturally inclusive AI.

RESOURCE PERSONS

- Dr. Radha Tamal Goswami – Professor – Adamas University
- Dr. Amlan Chakrabarti – Professor – Calcutta University
- Mr. Rajat Subhro Roy – Director – Adamas Tech
- Mr. Shamik Misra – Senior Escalation Engineer – Microsoft
- Mrs. Sampa Misra – Senior Engineering Manager – IBM
- Dr. Nilanjan Dey – Associate Professor – Techno International Newtown
- Dr. Surojit Bose – Associate Professor – Kusum Devi Dental Hospital
- Dr. Debanjan Sadhya – Assistant Professor – ABVIIITM Gwalior
- Dr. Swalpa Kumar Roy – Assistant Professor – AGEC
- Dr. Saptarshi Goswami – Assistant Professor – Banga Bashi College

ELIGIBILITY CRITERIA

- This offline workshop is open to faculties, research fellows, PG students from AICTE approved institutions and working professionals from industry.
- Participants will be selected on a first come first serve basis.

REGISTRATION INFORMATION

No. of seats: 50
Last date for Registration: 22 July 2025
Registration fee: NIL
Timings: 9:00 am to 5:30 pm
Application Id: 2102121822
Registration allowed only through atal portal
https://atalacademy.aicte-india.org/login

"E-Certificate will be issued by AICTEVAANI to all participants having attendance more than 80%"

ORGANIZING COMMITTEE

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