

About The Institute

Asansol Engineering College is self-financed Institute, established in 1998 under the society of The Academy of Engineers (India). The College is approved by AICTE, New Delhi and Dept. of Higher Education, Govt. of West Bengal. It is affiliated to Maulana Abul Kalam Azad University of Technology (MAKAUT, Kolkata), formerly-West Bengal University of Technology (WBUT), West Bengal and recognized by UGC, under section 2(f), UGC Act (1956). The college is a joint venture of the JIS group and the Techno India group. It is situated at Asansol, Burdwan, West Bengal. Asansol Engineering College offers nine B.Tech programmes, two M.Tech programmes along with BCA, BBA and MCA. The Institute has state of art laboratories to facilitate research and development. Three under graduate programs namely Computer Science Engineering, Electronics and Communication Engineering and Mechanical Engineering have been accredited by NBA for 3 years in 2022.

About the FDP

Asansol Engineering College is organizing FDP on recent trends in machine learning, IoT, and data science from 23rd January, 2023 to 28th January, 2023. Experts from different parts of the country are invited to share their knowledge. Intended participants are faculty members and research scholars. Participants will be benefited from knowledge sharing and interacting with the experts in the emerging fields.

Chief Patrons

- Mr. Taranjit Singh, MD, JIS Group.
- Mr. Tapan Kumar Ghosh, Director, AEC.

Patrons

- Prof. Dr. P. P. Bhattacharya, Principal, AEC.
- Prof. Dr. Sandip Halder, Registrar, AEC.
- Prof. Dr. Arpana Rawal, Dean-Academic, AEC.
- Prof. Dr. Monish Chatterjee, HoD-CSE, AEC.

Convenors

- Dr. A.K. Mukhopadhyay, HoD-IT, AEC.
- Dr. Abhishek Bandopadhyay, HoD-AI&ML.

Organizing Committee

- Mr. S.S. Bala, Asst. Prof. CSE, AEC.
- Mr. U.K. Kamila, Asst. Prof. CSE, AEC.
- Mr. P. Gangopadhyay, Asst. Prof. CSE, AEC.
- Mrs. S. Saha, Asst. Prof. CSE, AEC.
- Mrs. V. Chatterjee, Asst. Prof. CSE, AEC.
- Mrs. L. Bhaumik, Asst. Prof. CSE, AEC.
- Mr. S. Mukherjee, Asst. Prof. CSE, AEC.
- Mr. K. Banerjee, Asst. Prof. CSE, AEC.
- Mr. S. Hazra, Asst. Prof. CSE, AEC.
- Dr. S. Barat, Asst. Prof. CSE, AEC.
- Dr. K. Chandrakar, Asst. Prof. CSE, AEC.
- Mrs. S. Chourasia, Asst. Prof. CSE, AEC.
- Mr. D. Maity, Asst. Prof. IT, AEC.
- Mr. B. Mandal, Asst. Prof. IT, AEC.
- Mr. S.K. De, Asst. Prof. IT, AEC.
- Dr. S. Chakraborty, Asst. Prof. IT, AEC.

Faculty Development

Program On Recent Trends In Machine Learning, Iot And Data Science.

23rd to 28th January, 2023



**ORGANIZED BY
THE DEPARTMENT OF CSE, IT, CSBS
and AIML**



**ASANSOL ENGINEERING COLLEGE,
Vivekananda Sarani, Opp. Jubilee Petrol
Pump, Kanyapur, Asansol, West Bengal
713305**

About the Departments

CSE: The Department of Computer Science and Engineering started in 1998 with an intake of 40 students. The current intake is 180. The under graduate program of the department was accredited for 3 years in 2022 by NBA.

IT: The Department of Information Technology started in 1998 with an intake of 40 students. Currently, the intake is 120. The goals of the department are the overall development of the students, making them capable of applying their knowledge and experience and sustaining in this competitive environment.

CSBS: The Department of Computer Science and Business Systems started in 2020 with an intake of 30 students. Currently, the intake is 60 students. The department strives to facilitate students with the latest technology to get them ready for the present and future needs of the Information Technology industry.

AI&ML: The Department of Artificial Intelligence and Machine Learning started in 2021 with an intake of 30 students. Currently, the intake is 60. The department aims to educate students with basic and required knowledge for IT industry and future higher study.

CSE (IoT, CS with BCT): The Department of CSE (Internet of Things, Cyber Security with Block Chain Technology) started in 2022 with an intake of 60 students. This is the most emerging and specialized branch of Computer Science and Engineering.

Address for Communication

Dept. of CS, IT, CSBS & AIML
New Building Block,
Asansol Engineering College,
Asansol-713305

Five-Day Faculty Development Program on Recent Trends in Machine Learning, IoT and Data Science 2023

Speakers

- **Prof. (Dr.) Samarjit Kar, Professor, NIT-Durgapur.**
- **Mr. Shami Gupta, Strategy Consultant, IBM, Kolkata.**
- **Dr. Avishek Banerjee, HoD-CSBS, AEC.**
- **Prof. (Dr.) Ram Sarkar, Professor, Jadavpur University Kolkata.**
- **Dr. Srinka Basu, Asst. Professor, University of Kalyani, Kalyani.**
- **Dr. Tanveer Ahmed, Associate Professor, Bennett University, Greater Noida.**
- **Prof. (Dr.) Debasish Chakraborty, HoD-IoT, CS with BCT AEC, Asansol.**
- **Dr. Samya Muhuri, Asst. Professor, Thapar Institute of Engineering & Technology, Patiala.**

Topics to Be Covered

- Mathematics used in ML.
- Use of Clustering Algorithms in WSN.
- Feature Selection Approaches used in Big Data Environment.
- Graph Based Approaches towards Time Series Analysis.
- Data Analysis for IoT.
- SVM and its Application in Remote Sensing Image Classification.
- Data Management for Social Networking.

Important Dates

- Last date for online Registration.
 - Date: 20/01/2023
- Finalization of list of selected participants.
 - Date: 22/01/2023

Registration

- Registration Fees: NIL
- Link ↓

<https://forms.gle/t54sznowiFR8V7JW8>



Important Notes

- Any faculty member from any engineering college or polytechnic can register for the FDP.
- Participation certificate (softcopy) will be provided if and only if a participant attains at least 80% of the total number of sessions.
- Presence in sessions and participating in quizzes are mandatory criteria for getting attendance at each session.