NEURONEXUS
Hands-on Workshop on
MACHINE LEARNING

16th & 17th October, 2025 | 09:00 AM to 04:00 PM

MCA Lab, ANA Block, Acharya Campus

About the Program

NeuroNexus – Connecting Minds with Machines is an innovative program that explores the intersection of neuroscience, artificial intelligence, and human-computer interaction. The event aims to deepen understanding of how technology can augment cognitive processes and enhance human capabilities. Through expert talks, demonstrations, and interactive discussions, participants gain insights into emerging trends in neural interfaces, brain-inspired computing, and the future of AI-driven innovation.

Objectives of the Program

- **To strengthen conceptual clarity** of Machine Learning algorithms and their real-world applications.
- **To provide hands-on exposure** to model building, training, and evaluation using Python and ML libraries.
- **To help students enhance their ongoing projects** by applying appropriate ML techniques and improving model accuracy.
- **To introduce advanced tools and workflows** such as TensorFlow, Google Colab, and data visualization techniques.
- **To encourage teamwork and innovation** in developing practical ML-based project solutions.

Target Audience: Information science and Engineering 5th semester students

Expected Outcomes of the Program

- Students will develop a deeper understanding of ML concepts and workflows.
- Participants will gain hands-on experience in implementing ML algorithms for real datasets.
- Students will be able to apply learned techniques to refine and optimize their current ML projects.
- Learners will gain confidence in using ML tools for data analysis, model evaluation, and result interpretation.
- Students will be motivated to explore advanced ML topics and propose innovative project ideas for future research.

Committee Members

ADVISORY COMMITTEE +

- Dr. C K Marigowda, Principal, AIT
- Dr. Rajeswari, Dean Academics, AIT

CONVENER +

- Dr. Ratnakirti Roy, HOD, Dept. of MCA, AIT.

EVENT COORDINATORS +

- Prof. Sheela Maharajpet, Assistant Professor, Dept. of MCA, AIT

Resource Persons Details

Dr. Vijayashekhar S Sankannanavar
Designation: HOD, Dept. of AIML, AIT

Prof. Kavitha Nair R,
Designation: Assistant Professor, Department of AIML, AIT.

Acharya Institute of Technology

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LOCATE US

Event Coordinator

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