



School of Electronics Engineering
Department of Embedded Technology
A One-day National Level Workshop
On



AI, Machine Learning and Deep Learning

(10/02/24) - Online Mode

Session 1: 9:30 AM -11:00 AM

- ◆ Introduction – Agents and rationality.
- ◆ Task environment-Types, Search Space – Search algorithms, strategies – Search in complex environments

Session 2: 11:15 AM – 12:45 PM

- ◆ Knowledge-based agents, Agents based on Propositional Logic and First-order logic

Session 3: 2:00 PM – 3:30 PM

- ◆ Forms of Learning – Dimensionality reduction - Regression – Statistical Methods: Naïve-
- ◆ Bayes, Nearest Neighbor, Decision Trees – Random Forest, Clustering, Ensemble Learning,

Session 4: 3:45 PM- 5:15 PM

- ◆ Simple Feed Forward Networks – Computational graphs for Deep Learning – Convolutional
- ◆ Networks – Recurrent Neural Networks – Kernel Machines – Hidden Markov Models

Target Audience: All B.E, B. Tech and M. Tech Students

Date: 10th Feb, 2024 (Saturday)

Registration fee: Rs. 200/- + GST

Registration Link:

<https://events.vit.ac.in/>

Limited
Seats ONLY

Coordinators:



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