



Course Objectives

The learner will get to

- Know the basic knowledge in topics such as unsupervised learning, recurrent networks, and reinforcement learning.
- Know the key mathematical methods used in the algorithms.
- Know the Knowledge of overtime, generalization, and validation and how best possible generalization can be achieved.
- Know how the training process can be monitored.
- Know different network architectures and in what contexts they are suitable.
- Have experience in using machine learning tools.



Activities

Assignments will be of the following type:

- MCQ based questionnaire (Google Quiz) & Written Assignments (Google Classroom).
- At the end of the course "Project" will be assigned to the participants.

Details

For Online Transfer
 Bank Name: State Bank of India
 Account Name: IIT Guwahati R
 and D E and ICT Academy
 Account No.: 36071160089
 IFSC Code: SBIN0014262
 Bank Name: State Bank of India

Contact Details:

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About the GITAM, Visakhapatnam

The Gandhi Institute of Technology and Management was established in 1980 by a group of eminent intellectuals and industrialists, led by Dr. M. V. V. S. Murthi, former Member of Parliament and popular philanthropist. Their goal, to bring to life Mahatma Gandhi's vision of an institution for higher education that transcends all barriers.

How to Apply

Online – The participants may log on to the E&ICT Academy, IIT Guwahati website:

https://eict.iitg.ac.in/index_course_category?cate=MTFrWERibEZlQ3Btb2hURGZVSWZEZz09

and fill up the google doc application form.

The Link also provided:

<https://forms.gle/B1dWGbCQo3v8nFCM6>

Who can attend?

Programme is open to Faculty Members and PhD Research Scholars from Universities and Colleges.

Pre-Requisites:

- Laptop/Desktop with updated windows OS.
- Good Internet Speed
- Uninterrupted Power Backup for 5 hours

These FDPs can be considered at par with other QIP (Quality Improvement Programme) and other provisions for recognition/credits.

For details of the programme and course contents etc., please log on to Electronics and ICT Academy website: <http://eict.iitg.ac.in/>

An Initiative of Ministry of Electronics & Information Technology (MeitY), Government of India
 Electronics & ICT Academy
 IIT Guwahati, Assam

Online 01 Week Faculty Development Programme

on

Machine Learning for Image, Audio and Video Analysis

Organized in association with

GITAM(Deemed to be University), Visakhapatnam



& Support from
 Techvictus



Course Date: 26 June - 01 July 2023

Last Date of Registration: 18/06/2023

(Online Registration Link will be open from: 24/05/2023)

Per Day Timing: 10:00 am to 05:00 pm

Course Hours :40 Hrs (Theory, Activities, Case Studies & Evaluation)

Registration Fee (Including GST)

Rs. 2360/- for Faculty and Research Scholar only

Mode of Payment: Online Only
 (NEFT/RTGS/IMPS)