

Registration Form

Name of Applicant (first, last):.....
.....
Fathers Name:.....
.....
Mothers Name:.....
Date of Birth (DD/MM/YY):.....
Gender:.....
Category(General/SC/ST):.....
Designation:.....
Highest Qualification:.....
Name and Address of the Institute/ Organization:.....
.....
City/town:.....
Postal Address:.....
City/town:.....
Email:.....
Landline Number (with STD code):.....
Mobile Number:.....
Do you need accommodation? (Yes/No):.....
Transaction ID:.....
Transaction Date:

Affix passport
size
photograph

Issuing Bank.....
Signature of the Applicant:

Note:

- 1) The Faculty/Staff are requested to submit the NOC from respective department before attending the session.
- 2) The Faculty member belonging to SC/ST Category need to carry caste Certificate(both in original & photocopy).
- 3) The participant need to carry the Institute/Organization valid Identity Card (Both in Original & Photocopy).
- 4) **Accommodation Details:** Accommodation (on request with nominal price) For details please contact: Dr Sandeep Chaurasia, Contact no.: 9571228110

Click Here for Accommodation Request

Course Coordinators from Academy

- **Prof. Ratnajit Bhattacharjee**
Principal Investigator, E&ICT Academy, IIT Guwahati.
- **Dr. Gaurav Trivedi**
Co-Principal Investigator, E&ICT Academy, IIT Guwahati.

Coordinators from Manipal Univ. Jaipur

- **Dr. Sandeep Chaurasia, Associate Professor, MUJ**
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- **Dr. T. Gopalakrishnan, Associate Professor, MUJ**
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- **Dr. Mahesh Jangid, Assistant Professor, MUJ**
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How to Reach Manipal Univ. Jaipur

Jaipur is well linked by a good network of road, train and air transport to all the important cities. The Jaipur bus stand is situated 25 Kms. away from Manipal University Jaipur (MUJ). Jaipur Railway Station is 24 Kms away from the Manipal University Jaipur. A prepaid taxi / cab service can be used to reach Manipal University Jaipur. Airport also well connected domestic air links with many Indian cities such as Jodhpur, Udaipur, Delhi, Hyderabad, Kolkatta, Goa, Bangalore & Mumbai. The distance from Jaipur Airport to MUJ is 27 Kms.

Registration Fee Including GST

Registration Fee (Including Course Material, Snacks and Lunch)

- Rs. 2,950/- for Faculty, Lab Technicians and Project Staff.
- Rs. 1,475/- for Faculty members belonging to ST/SC category.
- Rs. 5,900/- for Industry Personnel, Student & Research scholar (Subjected to Availability of Seat).



सत्यमेव जयते

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



One-week Faculty Development Programme on

**Deep Learning using Python Programming
(08 - 12 July, 2019)**



Organized in association with



**MANIPAL UNIVERSITY
JAIPUR**

&



EDUXLABS
edu's Xpert (Esoir Solution)

Course Date: 08-12 July, 2019
(Online Registration Link will be open from 29.04.2019)
Last Date of Registration: 01.07.2019
Venue: Manipal University Jaipur (MUJ)

Objective of the Course

Course Objective is to provide the insight knowledge in Deep Learning . The programme will focus on practical aspects and include examples which are relevant to the current industry requirements.

Course Programme

FDP is split into three parts:

- Lectures.
- Labs/Hands-on sessions daily on Parallel Programming.
- Assignments and Project.

Assignments & Projects

1. Assignments will be of the following type:
 - MCQ based questionnaire.
 - Programming Assignments (Problem statement will be provided.)
2. At the end of the course “Project” will be assigned to the participants which will be based on the Practical Case Studies.

Contact Details

Project Manager,

E&ICT Academy, IIT Guwahati

Email: eictacad@iitg.ernet.in, eictacad@gmail.com
eictinfo.iitg@gmail.com

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+91-3612583009/3182/2536/2503

(Working Hours 9:30 am to 5:30 pm)

Follow us on: www.facebook.com/eictacadguwahati/



Mode of Payment: Online Only (RTGS/NEFT)

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

Bank Address: IIT Guwahati, GHY- 39.

Course Outcomes

Getting Started with Machine Learning

- About the dataset Processing
- Regression Techniques for Information Retrieval
- Classification Techniques

Artificial Neural Networks

- How do Neural Networks work?
- The Activation Function
- How do Neural Networks learn?
- Gradient Descent, Stochastic Gradient Descent, Backpropagation

Deep Neural Networks

- Introduction to Tensor flow
- Convolutional models
- Convolutional neural networks
- Computer vision applications
- Optimizers RMSProp, Adam, Adamax etc.
- Layer wise training
- Pre-trained models
- AutoEncoders
- Generative adversarial network (GAN)
- Self-organizing map (SOM), Boltzmann Machines

Natural Language Processing

- Libraries used for NLP
- Research Trends in NLP
- Application of NLP for real world applications.

Sequence Models

- RNN, LSTM, GRU models
- Application to NLP
- Application to Speech recognition

Address of Manipal University Jaipur

Manipal University Jaipur,

**Jaipur-Ajmer Express Highway, Dehmi Kalan, Near
GVK Toll Plaza, Jaipur, Rajasthan 303007**

For details of the programme and course contents etc., please log on to Electronics and ICT Academy website:

<http://eict.iitg.ac.in/index.html>

About E&ICT Academy

Electronics and ICT Academy is an initiative of Ministry of Electronics & Information Technology (MeitY) Ministry of Communications and IT, Govt. of India for Faculty/ Research Scholar Development Programme.

Academy has planned short term training programmes on fundamental and advanced topics in IT, Electronics & Communication, Product Design, Manufacturing with hands on training and project work using latest software tools and systems.

In addition, the Academy will conduct specialized/customized training programmes and research promotion workshops for corporate sector & educational institutions.

About Manipal University Jaipur

The Manipal Education and Medical Group[MEMG] with its heritage of excellence in higher education for over 60 years, launched Manipal University Jaipur (MUJ) in 2011. The university offers courses in various disciplines : Engineering , Management , Architecture & Design, Basic Sciences , Law , Humanities & Social Sciences and Hotel Management . MUJ has excellent infrastructure , including state -of-the -art laboratories having the 3 tera -flops supercomputing facility - Parmshavak by CDAC, Pune and equipped with modern facilities . MUJ offers career -oriented courses at all levels, i.e., UG, PG and Doctoral and across diverse streams.

In the School of Computing and IT, every effort is made to keep pace with modern pedagogical practices and emerging paradigms like Coursera (free subscription for students and faculty), webinars; the tools/aids for modern teaching; ever-evolving syllabi keeping pace with technological advancement and industry trends etc.

How to Apply?

Online – The participants may log on to the E&ICT Academy, IIT Guwahati website: http://eict.iitg.ac.in/faculty_development.html and fill up the google doc application form.

Programme Duration: 48 Hrs