



सत्यमेव जयते

An Initiative of
Ministry of Electronics & Information Technology
(MeitY), Government of India



Electronics & ICT Academy
IIT Guwahati, Assam



One-week Faculty Development Program on
Deep Learning Using Python Programming
(04 – 08 November, 2019)



In Association with

Aditya Institute of Technology and
Management



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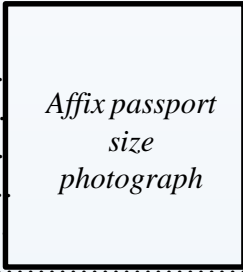


Support from
Digital Shark Technology

Course Date: 04 – 08 November, 2019
Last Date of Registration: 27/10/2019
(Online Registration link will be open from 02/09/2019)
Venue: Aditya Institute of Technology and
Management, Tekkali, Andhra Pradesh

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:.....
Transaction ID:.....
Transaction Date:



Affix passport
size
photograph

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

I hereby agree to relieve Mr./ Ms./ Dr.....
in case he/she is selected to attend the programme.
Signature and Seal of the Forwarding Authority.

Name

Designation.....

- 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) For any queries contact Co-ordinators in the given number:
(+91)9110388366/9963265836

Course Duration
40 Hrs

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 Aditya Institute of Technology and Management

- **Dr. G. S. N. Murty**
Professor & Head-CSE AITAM
Email: gsn_73@yahoo.co.in
Ph. No. 9110388366
- **Dr. K. Yogeswara Rao**
Associate Professor AITAM
Email: yogeswararao.cse@adityatekkali.edu.in,
yogiindusisu@gmail.com
Ph. No. 9963265836

Expert from Industry

Experienced Experts from Digital Shark Technology will provide hands-on.

Who Can Attend

Programme is open to Faculty Members, Research Scholars, PG Students, Lab Technicians and Project Staffs from Universities & Colleges. Industry and Personnel working in the concerned/allied discipline may also apply.

Accommodation Details

Accommodation will be provided to the outstationed participants. For details contact: 9963265836/9110388366

Registration Fee

- Registration Fee (Snacks and Lunch)**
- **Rs. 2,950/-** for Faculty, Lab Technicians, Research Scholar and Project Staff.
 - **Rs. 1,475/-** for Faculty members belonging to ST/SC category.
 - **Rs. 5,900/-** Industry Personnel & others.

Objective of the Course

This Course will help trainees to

- Introduction to enabling factors of ML and DL
- Working with Data, Data Preprocessing and Visualization
- Robust Regression
- Logistic regression
- Gradient descent algorithm
- Scikit-learn
- Deep Learning – Single and Multi layer perceptron
- NVIDIA Jetson Board – Object Detection, CNN

Assignments & Project

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, IITGuwahati

Email: eictacad@iitg.ac.in, eictacad@gmail.com

eictinfo.iitg@gmail.com

Phone No: +91- 7086502139,

+91-3612583009/3182

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

Follow us on: www.facebook.com/eictacadguwahati

Coordinator from NIT Meghalaya

Phone No:+91- 9485185916/9438592903



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

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

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.

Course Outcome

Upon completion of the training, the trainees will be able to :

- Prepare and Manipulate Data with Python
- Machine Learning: Unsupervised Learning
- Deep Learning: Multi-Layer Perceptron (MLP)
- Deep Learning: Convolutional Neural Networks (CNNs)

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.

About Aditya Institute of Technology and Management

The Aditya Institute of Technology and Management (Autonomous) was established in 2001 under Aditya Educational Society to offer quality education in north coastal A.P. It offers B.Tech programs in ECE, CSE, IT, EEE, CE and MECH which are accredited by NBA & NAAC. It also offers post graduate programs in MBA, and 4 disciplines of M. Tech. in Engineering. Departments of CSE, ECE, CE, ME and EEE are recognized as research centers by JNTUK Kakinada. AITAM is permanently affiliated to JNTUK Kakinada, Approved by AICTE, Recognized u/s 2(f) & 12(B), Recognized as SIRO by DSR-DIST, FIST Institution.

The success of the college is due to its well qualified faculty (out of 257 total faculty members 41 have Ph. Ds, 216 have PG qualifications with 29 having registered for Ph. D and 4 submitted their thesis) and several of them with rich experience in higher institutes of learning nationwide. The senior faculty members always guide the junior faculty in honing their teaching and research skills. The progress of each course in every semester is closely monitored by a class committee which includes representatives from students. Electronic Digital Examination Process System for the end semester examination and on-line internal examination system are salient features of the evaluation system followed.

How to reach Aditya Institute of Technology and Management

Tekkali is well linked by a good network of road, train and air transport to all the important cities. The bus stand is situated 10 Kms. away from Aditya Institute of Technology and Management, Railway Station is 18 Kms away from the Aditya Institute of Technology and Management. A prepaid taxi / cab service can be used to reach AITAM. Airport also well connected, domestic air links with Indian city such as Visakhapatnam. The distance from Visakhapatnam Airport to AITAM Tekkali is 130 Kms.

Address of the Institute

Aditya Institute of Technology and Management

K. Kotturu, Tekkali

Srikakulam (District)

Andhra Pradesh (State)

PIN: 532 201