

Registration Form

Name of the Applicant (first, last):

Affix passport
size
photograph

Gender:.....

Father's Name:.....

Mother's Name :.....

Category (GEN/OBC/SC/ST):

Date of Birth (dd/mm/yyyy):

Designation:

Highest Qualification:

Name and Address of the Organization/Institute:

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Department.....

City/town:.....

Pin Code:

Email:

Mobile Number: (+91)

Transaction Amount:

Transaction Date:

Transaction ID (Applicable for Online Transfer):

Signature of the Applicant:.....

Signature and Seal of the Forwarding Authority

Name

Designation

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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 VRSEC

- **Dr. K. Sri Rama Krishna**
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Assistant Professor, Department of ECE
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Who Can Attend?

- Faculty / PhD Research Scholars

How to Apply?

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

Registration Fee Including GST

- Rs. 2,950/- for Faculty & PhD Research Scholar.
- Rs. 1,475/- for ST/SC category Faculty & PhD Research Scholar.

NOTE –

- Registration fee is strictly non-refundable after the last date of registration



सत्यमेव जयते

An Initiative of

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



Electronics & ICT Academy
IIT Guwahati, Assam



Faculty Development Programme on

Machine Learning using Python Programming
(27 April - 01 May, 2020)



Organized in Association with

Department of Electronics and Communication
Engineering,

Velagapudi Ramakrishna Siddhartha
Engineering College (VRSEC),

Vijayawada

&

Support From

Digital Shark Technology



Course Date: 27 April – 01 May, 2020

Last Date of Registration: 16/04/2020

(Online Registration link will open from 24/02/2020)

Venue: ECE Department, Velagapudi Ramakrishna
Siddhartha Engineering College (VRSEC), Vijayawada

Contact Hours for the Course
40 Hrs (Theory & Hands-on)

Objective of the Course

Machine learning gives computers the ability to learn without being explicitly programmed. It encompasses a broad range of approaches to data analysis with applicability across all realms. The course aims at providing an introduction to various machine learning methods, deep learning and applications in python.

Course Programme

FDP is split into three parts:

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

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 based on the Practical Case Studies.

Contact Details

Project Manager,

E&ICT Academy, IIT Guwahati

Email: eictacad@iitg.ac.in, eictacad@gmail.com
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Phone No: +91- 7086502139, +91-3612583182
(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 Outcome

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

- Machine learning
- Supervised Learning
- KNN
- Unsupervised Learning
- Hyper parameter Optimization, Ensemble Learning

Pre-requisites for the Course

The preferred Pre-Requisites for the course are:

- Linear Algebra
- Probability & Statistics
- Understanding of Computer Programming

How to Reach VRSEC

By Flight: The nearest airport is Vijayawada airport (VGA). This airport has domestic flights from Bangalore, Delhi, Hyderabad and other major cities of India. The college is located approximately 15km from the airport and it takes 25min drive by road.

The next major Airport is Rajiv Gandhi international airport at Hyderabad, which has international and domestic flights from all over the world. It is approximately 300km by road. It takes about 5 hours to reach the campus by road from this airport.

By Road Transport: V R Siddhartha Engineering College, is located along National Highway-65 and lies between Vijayawada and kankipadu in Andhra Pradesh. It is 12 km from Vijayawada Bus station. It is well connected by road. Bus services are available to Vijayawada from all major areas of India

By Train: Vijayawada is one of the major railway junctions in the country. The campus is around 12km from the Vijayawada railway station. It is half an hour drive from railway station to the campus.

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 VRSEC

VRSEC is the first Private Engineering College in the united state of Andhra Pradesh (AP) and was established in the year 1977. VRSEC is offering 7 UG Programmes (B.Tech) and 9 PG Programmes (M.Tech) in Engineering with various specializations. In addition, the institute is offering PG Programmes of Masters in Business Management (MBA) and Masters in Computer Applications (MCA). All UG programs and 5 PG programs in engineering are accredited by NBA in Outcome Based Education Format (OBE). UGC has conferred the Autonomous status to the Institute in 2006. The institute bagged All India Rank 171 given by NIRF-MHRD in the year 2019. VRSEC was accredited by NAAC with ‘A’ grade and certified with ISO 9001:2015.

The institute has totally 350 faculty members with 125 Doctorates from various premier institutions. Six engineering departments are recognized as Research Centres by JNTUK, Kakinada. The institute has filed 27 Patents. The institute has established various advanced Labs and Center of Excellence in collaboration with industries like Siemens, DASSAULT Systems, IBM, Oracle, Cisco, ADRIN-ISRO, National Instruments, and University of West Alabama.

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