

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:

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

Name

Designation.....

Note:

1) The Faculty/Staff are requested to submit the NOC from respective institutes 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).

Course Date: 15-19 April, 2020
(Online Registration Link will be open from 03.01.2020)
Last Date of Registration: 05.04.2020
Venue: SVP CET, Nagpur

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.

Coordinator from SVP CET and GCOE

Patrons

- **Fr. Dr. Paul Chandrankunnel**,
Director, SVP CET, Nagpur
- **Dr. S. V. Gole**
Principal, SVP CET, Nagpur
- **Dr. M.B. Kumthekar**
Principal, GCOE, Nagpur
- **Prof. R. B. Gowardhan**
Vice Principal, SVP CET, Nagpur

Conveners

- **Dr. A. S. Werulkar**
Head, E & TC, SVP CET, Nagpur
- **Dr. Latesh Bhagat**
Head, CSE, GCOE Nagpur

Faculty Coordinators

- **Dr. Hema Kale**
Faculty, E & TC, SVP CET, Nagpur
- **Dr. Kshitija Kadam**
Dean R & D, GCOE, Nagpur

Registration Fee Including GST

Registration Fee (Including Course Material, Snacks and Lunch)

- Rs. 2,950/- for Faculty and PhD Research Scholar.
- Rs. 1,475/- for ST/SC Faculty and PhD Research Scholar.
- Rs. 5,900/- for Student, Industry Personnel, & Others (Subjected to Availability of Seat).

NOTE – Registration fee is refundable strictly till 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



One-week Faculty Development Programme on

Artificial Intelligence and Deep Learning
(15 - 19 April, 2020)



Organized in association with



St. Vincent Pallotti College of Engineering & Technology (SVP CET), Nagpur

&

Govt. College of Engineering (GCOE), Nagpur

&

Support from Finland Labs

Objective of the Course

Course Objective is to provide basic knowledge in Deep Learning and Artificial Intelligence concepts. 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 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 which will be based on the Practical Case Studies.

Contact Details of Academy

Project Manager,

E&ICT Academy, IIT Guwahati

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(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

Getting Started with Machine Learning

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

Natural Language Processing

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

Artificial Neural Networks & Deep Learning

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

Foundations of Neural Networks

- Introduction to deep learning
- Neural networks basics
- Deep neural networks
- Introduction to Tensor flow

Convolutional models

- Convolutional neural networks
- Computer vision applications

Sequence models

- RNN, LSTM, GRU models
- Application to NLP and Speech Recognition

Artificial Intelligence

Contact Details of SVP CET & GCOE

Dr. Hema Kale,

Faculty, E & TC, SVP CET, Nagpur

Ph. 9158003336

Dr. Kshitija Kadam,

Dean, R & D, GCOE, Nagpur

Ph.9326235484

Programme Duration: 40 Hrs

About E&ICT Academy

Electronics and ICT Academy is an initiative of Ministry of Electronics & Information Technology (MeitY), Govt. of India for conducting various 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 SVP CET

Established in 2004 by the Nagpur Pallottines Society, St. Vincent Pallotti College of Engineering & Technology is one of the premier technical institutions in the region and is recognized for its culture of discipline and academic excellence. The society founded by St. Vincent Pallotti has numerous institutions spread across 52 countries and 5 continents. The college is accredited with grade “A” by NAAC & is approved by AICTE, New Delhi & DTE, Government of Maharashtra and affiliated to RTM, Nagpur University, Nagpur.

About GCOE Nagpur

Govt. College of Engineering Nagpur has been established in 2016 by Govt. of Maharashtra. It is approved by AICTE, New Delhi and affiliated with Rashtrasant Tukdoji Maharashtra Nagpur University, Nagpur. The college has good association with industrial clusters like Vidarbha Industrial Association (VIA), Maharashtra Centre of Entrepreneurship development (MCED) & Ministry of New and Renewable Energy (MNRE).

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>