One Week National Workshop
on
Artificial Intelligence
(AI-2019)
September 22-26, 2019

REGISTRATION FORM

Name: ……………………………………………

Designation: …………………..………………

Organization: …………………………………

Qualification: …………………………………

Correspondence Address: ………….………

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Tel. (O) ………………. (R) …..…………......

  (M) ……………………………….......

E-Mail: …………………………..…………….

Accommodation Required: Yes / No

Date: Place:

Signature

Note:
- Photocopies of registration form may be used.

CHIEF PATRON
Dr. A. M. Rawani
Director, NIT Raipur

PATRON
Dr. Shirish Verma
Dean Academics, NIT Raipur

CONVENOR
Dr. N. D. Londhe
Department of Electrical Engineering

COURSE COORDINATORS
Dr. Shubhrata Gupta
Dr. Anamika Yadav

COURSE INSTRUCTORS
Experts will be the Faculty members from NIT Raipur and guest speakers from nearby NITs, IITs.

Address for Correspondence
DR. SHUBHRATA GUPTA
COURSE COORDINATOR
Professor, Dept. of Electrical Engineering, National Institute of Technology, Raipur, C.G.
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Or
DR. ANAMIKA YADAV
COURSE COORDINATOR
Associate Professor Dept. of Electrical Engineering, National Institute of Technology, Raipur, C.G.
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IMPORTANT DATES
Last date of receipt of application: 16.09.2019
Notification about selection (By Email): 17.09.2019

Organized by

Department of Electrical Engineering
National Institute of Technology
Raipur-492 010 (Chhattisgarh)

Sponsored by
AICTE Training And Learning (ATAL)
Programme

About the Institute:

National Institute of Technology Raipur situated in the capital of Chhattisgarh, has proven to be "avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our president Hon'ble Dr. Rajendra Prasad on 14th September 1956. the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the institute has become the National Institute of Technology. It is well connected with Mumbai, Delhi and all metro cities by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railways station and 18 km from airport on NH-6, the Great Eastern Road.

About Departments:

The Department of Electrical Engineering came in existence since 1958. The department offers undergraduate, postgraduate as well as Ph.D. programs. The department is running several sponsored projects from the government organizations and it is one of the leading department of Institute.

The departments provide an outstanding research environment and offers academic program leading to the award of Ph.D. degree. Various multidisciplinary research programs are running in these departments. The Academy is envisioned to become a central hub of research and training activity.

Objectives of the course:

- To develop strong foundation for research in engineering/science fields
- Understanding the concept of AI
- Practical information on design and implementation of AI based schemes/ system
- Applications of AI in different fields of Engineering
- Hands on experience during laboratory sessions.

Theme/Scope:

The goal of this training programme is to bring together the scientists, scholars, and students from universities, research institutes, and industry from all around the nation to exchange new ideas face to face, to establish research or mutual relations and to find opportunities for future collaboration.

Selection : Since the number of seats is limited to **50**, the selection will be made on first cum first basis and intimation will be sent to the candidates by email as per the schedule. Certificates will be issued to the participants only after attending the complete course. No TA/DA will be paid to the participants. Accommodation may be provided on availability and payment basis at institute guest house and relevant hostels of NIT provided request for the same is made in the registration form.

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Course Contents :

Introduction to Artificial Intelliegnce

Deep Learning, Convolution Neural Networks

Applied Artificial Intelligence and Machine Learning

Search Algorithms

Python pragaramming

Visualization, Data Pre-Processing, classification and regression analysis

AI in Medical Enginnering

AI in Speech and Image Recognition

AI in Signal processing

AI applications in Power Systems

Practical information on design and implementation of AI based system

Hands on experience during laboratory sessions.

Targeted Participants: Students (UG, PG and Ph.D.), Faculty and industry participants.

Registration Charges:- Nil

There is no Registration fee from any participant. No TA/DA will be paid to any participant. Participants will have to make their own stay arrangement during the five days. Only tea during sessions/working lunch will be provided to the participants. On completion of the program on all the days, participants will be awarded a Certificate of participation by respective ATAL Academy.

How to Apply:

The resistration for the workshop ca ne be done through online link

https://docs.google.com/forms/d/e/1FAIpQLSe MQbnXNOtqrgEvsjHDzKjklYeJ_NUQBg8ue CgrA8hFRQTE3A/viewform?vc=0&c=0&w=1

Or the regsitartion application in the prescribed format must reach the coordinator on or before 16.09.2016. Selected candidate will be informed by email as per the schedule. Certificates will be issued to the participants only after attending the complete course.