

Workshop Committee

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Registration Form

TEQIP-III Sponsored FDP on

Machine learning, Deep learning and Artificial intelligence

25th – 29th March, 2018

Name:

Designation:

Department:

Institute:

Institute Address:

Affiliated to RTU :.....(Yes / No)

Mailing Address:

.....

Mob No. :

E-mail:

Seal & signature of principal

Note :- Submit the registration form through online process only. Upload the registration form duly signed by the head of institution.

Registration Fee

No fees for faculty from RTU Affiliated institutes.

Faculty members from other institutes – 4000/-

Accommodations

Accommodation will be provided at very reasonable cost in college hostel. For any assistantship, kindly contact the host-institute coordinator. .

TEQIP-3

Technical Education Quality Improvement Programme



TEQIP-III Sponsored
Faculty Development Program
On

Machine Learning, Deep Learning and Artificial Intelligence

25th – 29th March, 2018



Organized by

Rajasthan Technical University,

Kota



Chartered Institute of Technology,

Village Danvav, Mount Road,

Abu road, Dist. Sirohi,

Rajasthan – 307510

www.citabu.ac.in

About CIT Abu Road

Chartered Institute of Technology is an initiative by Gyan Raman Charitable Trust and Amongst Top 10 Best RTU Affiliated Engineering Colleges in Rajasthan. We believe in revolutionizing the conventional pattern of teaching through fresh ideas and innovations in the present education system. We intend to deliver quality education by seamlessly integrating technology with academics. Chartered Institute of Technology Abu Road commits itself to prepare aspiring individuals for facing the challenges of the global world. The amalgamation of the finest training procedures and brilliant methods of inculcating professional ethics along with development of individuals' pursuits make the nucleus of at Chartered Institute of Technology.

Chartered Institute of Technology is privileged to provide a platform of focused, methodical and blissful learning, igniting and fostering the young minds, empowering them to carry out a revolution in the fields of Science & Technology that our future India dreams. Best RTU Engineering Colleges in Rajasthan, Chartered Institute of Technology emphasizes not only on the academic evolution but holds itself committed for the personality grooming of an individual in totality that is a key requisite for any dedicated, responsible and successful professional.

About the Place

Mount Abu is a popular hill station in the Aravali range in Sirohi district of Rajasthan state in India. Mount Abu is considered as one of the best place of Rajasthan. CIT is placed on the foothills known as Talhati. Mount Abu has attraction like Nakkilake, Guru Sikhar(highest peak of Rajasthan), Achalgarh Fort etc. Abu road is well known for having the main centre of one of the largest faith community, Brahma Kumari.

Objective of Workshop

This Faculty Development Programme is intended to provide opportunities for teachers employed in AICTE approved institutions for upgrading their knowledge and acquiring practical skills in the area of machine learning, deep learning and artificial intelligence.

Hands-on practice on R Language and Python tools will be covered. The FDP will include the application of Machine Learning and Deep Learning techniques in image, text and speech. The research challenges in these areas will be explored using deep learning techniques

Course Contents

The major contents of the FDP will cover the following.

- Overview of Machine Learning
- Introduction to Neural Networks
- Meta-heuristic applications to machine learning
- Basics of Deep Learning
- Popular Deep Learning Architectures
- Deep Learning Applications
- Hand-on sessions using R Language and Python tools
- Problem formulation and production system
- Knowledge Representation
- Planning and Machine learning
- Knowledge Inference
- Bayesian Theory, Bayesian Network
- Expert systems

Dates to Remember

- Last Date of Registration : 22ndMarch, 2018
- Course duration : 25th – 29thMarch, 2018

Targeted Audience

Faculty members of various Engineering institutes affiliated to Rajasthan Technical University, Kota and other centre and state universities.

Contact Person

Co-ordinator – **Mr.Rajnish K. Yadav**

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- **Mr. Rahul K. Garg**

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