FACULTY DEVELOPMENT PROGRAM
ON
MACHINE LEARNING TECHNIQUES
&
R PROGRAMMING
11.06.2018 to 12.06.2018

REGISTRATION FORM

Name   :

Qualification:

Designation :

Organization :

Address for Communication:

Mobile no. :

E-mail ID :

Declaration

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend all sessions of the course for the entire duration.

Place: Signature of the Applicant
Date:

Address for Correspondence:

Dr. R. Roopachandrika
Contact Numbers:-9843229298, 9866114106
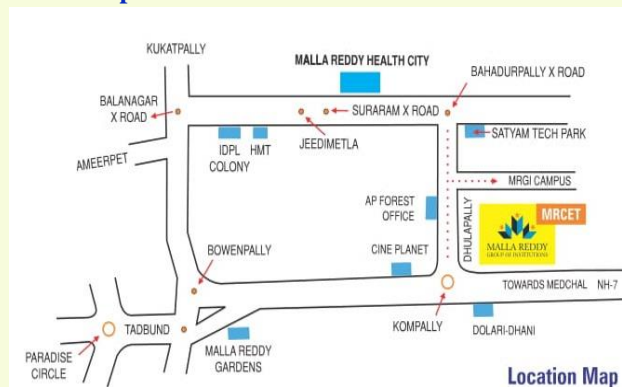**E-Mail ID:-mroopachandrika@gmail.com**

About The College

Malla Reddy College of Engineering and Technology (MRCET) is a constituent college of Malla Reddy Group of Institutions (MRGI) founded by Sri.Ch. Malla Reddy noted educationist and Member of Parliament from Telangana State, India. Malla Reddy College of Engineering and Technology (MRCET) is established in the year 2004, approved by AICTE, New Delhi and permanently affiliated to JNT University, Hyderabad.. MRCET College also has UGC Autonomous status for both Engineering and Management Programs. The college is accredited by National Board of Accreditation (NBA) and NAAC with 'A' Grade. The Institution is certified with ISO 9001:2015.

About The Department

The Department of Information Technology was established in the year 2007. The Department offers a four year B.Tech. degree program in Information Technology with an annual intake of 180 students with specific emphasis on engineering technologies and empirical mode of learning. The programme ensures that the student effectively meets the highest benchmarks of competence required by the industry. Students' forums such as CSI & ISTE were formed mainly to encourage and motivate students to organize various co-curricular activities conducted by the students. The department has been accredited by NBA&NAAC.

Route Map:

Location Map

A CITADEL OF LEARNING

LIVE TO LEARN & LEARN TO SHARE

Organized By

DEPARTMENT
OF
INFORMATION TECHNOLOGY

MALLA REDDY COLLEGE OF
ENGINEERING AND TECHNOLOGY

(UGC Autonomous Institution, NAAC with 'A' Grade, Accredited by NBA, Approved by AICTE, New Delhi, Affiliated to JNTUH and an ISO 9001 – 2015 Certified Institution)
Maisammaguda, Dhulapally, Secunderabad Telangana-14
www.mrcet.ac.in, E-Mail ID: mrcetit07@gmail.com
Ph: 040 – 23792146, 040-64634237

Introduction:

Machine learning is a branch in computer science that studies the design of algorithms that can learn. Typical machine learning tasks are concept learning, function learning or "predictive modeling", clustering and finding predictive patterns. Machine learning hopes that including the experience into its tasks will eventually improve the learning.

The ultimate goal is to improve the learning in such a way that it becomes automatic, so that humans like ourselves don't need to interfere any more. Apart, from this the characteristics of a physical system that generates time series is extracted for training the machine through a collection of systematic approaches called Time series analysis. Added to it is machine learning in R, which is an integrated suite of software facilities for data manipulation, calculation and graphical display.

It is very much a vehicle for newly developing methods of interactive data analysis. R is rapidly becoming the leading language in data science and statistics. Today, R is the tool of choice for data science professionals in every industry and field.

Objectives:

To introduce the basics of machine learning in R. Gain a basic understanding of the various statistical concepts & Time series analysis. Understand and use linear, non-linear regression models, and classification techniques for data analysis. Gain a foundational understanding of business analytics.
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Course Content:
- Introduction to Data Analytics Tools
- Time Series Analysis and Forecasting in R
- Machine Learning and Big Data
- Machine Learning Algorithms
- Implementation of learning algorithms in Python and R

Resource Persons:

The workshop will be handled by experts from various reputed academic institutions like IIT,CR RAO(AIMSCS), NIT, etc and core Industries.

Eligibility:

Faculty and Research scholars from AICTE approved Engineering Colleges and Polytechnics & also participants from Industries and R&D organizations.

Accommodation:

Accommodation will be provided for external participants in the college premises at students Hostel on demand.

Registration:

All participants have to pay Rs.300.00 as registration fee by Demand Draft in favour of 'The Principal, MRCET, Maisammaguda, Dhulappally, Secunderabad'.

How to Apply:

The applicants can send their application in the specified format and should reach us on or before 06.06.2018. Only limited number of participants will be selected on first-come-first-served basis. If selected, they should confirm their Participation in time.

Scheduled Dates:

Last date for receipt of application   : 06.06.2018
Intimation of Selection by email   : 07.06.2018
Confirmation of participant by email : 08.06.2018

Chief Patron:
Sri.Ch. Malla Reddy,
Founder Chairman, MRGI
Patrons:
Sri Ch.Mahender Reddy, Secretary, MRGI
Dr.Ch.Bhadra Reddy, Treasurer, MRGI
Convener:
Dr.V.S.K Reddy, Principal, MRCET
Coordinator:
Dr.G.Sharada, Professor & HOD,
Dept. of IT, MRCET
Co-Coordinators:
Dr. R. Roopachandrika,
Professor - IT, MRCET
J.Suneetha,
Associate Professor - IT, MRCET

Organizing Committee:
Prof. K. Kailasa Rao
Dr. NS Gowri Ganesh
Dr.Mummorthy A
M.Vazralu
P.Srinivas
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