NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPALLI
DEPARTMENT OF MANAGEMENT STUDIES

Organizing

One Week
Faculty Development Programme
on

DATA MINING AND DATA ANALYTICS

PROGRAM DATES
13th -17th
November,2017.

PROGRAM COORDINATORS

Dr.P.Sridevi,Assistant Professor,DoMS
Dr.B.Senthil Arasu,Associate Professor,DoMS
Dr.N.Thamaraiselvan,Associate Professor,DoMS
Dr.J.Daniel Inbaraj,DoMS

NIT-TRICHY OVERVIEW

The National Institute of Technology, Tiruchirappalli (NIT-T), formerly known as Regional Engineering College, Tiruchirappalli (REC-T) is one of the technical institutes started by the Government of India. RECT was imparting quality education since its inception - 1964-65. In 2003, the institution has been granted 'Deemed to be University' status with the approval of UGC/AICTE. With a cream of engineering and management talent, encompassing exuberant students and inspiring faculty, integrated with State-of-the- art infrastructure facilities, NIT-T today has emerged as one of the premier institutions in the country.

ABOUT DoMS NIT TRICHY

The Department of Management Studies (DOMS), NIT-T since its inception in the year 1978 has served as a management hub for aspiring students and is being recognized as one of the best business schools in the country. The department has earned a remarkable reputation over the years through persistent commitment towards management education and innovation. DOMS not only teaches the art and science of management but also instills in its students, virtues and skills needed to make a difference in tomorrow's world. The academicians at DOMS are known for their learning and erudition, with a well-established record of consultancy and research activities.

ABOUT THE PROGRAMME

Mining more complex, larger and generally speaking "more difficult" data sets pose new challenges for researchers and ask for novel and more complex approaches. With the rapid advancement of information discovery techniques, machine learning and data mining continue to play a significant role analytics. Data mining is a way of uncovering information and discovering patterns from huge data sets. It has extensive application in fields like engineering, healthcare, banking and medicine. Extracting meaningful information from data sets that have noise requires use of analysis techniques and algorithms which are based on solid theoretical and statistical foundations. Data mining tools can help in visualizing key relationships among variables, create stable models and predict categorical outcomes. This workshop will give extensive knowledge on various techniques with hands on training on applied data mining techniques using R and an industry perspective of data mining and its application in various fields by experts.

PROGRAMME SCHEDULE

Date	Session	Time	Topics	Resource Person
13.11.17	FN	9.30-11.00 11.30-1.00	**Introduction to Data Mining** **Introduction to R**	**Dr.P.Sridevi/ AP/NIT-T** **Mr.Sai Kiran Kumar** Trainer of Machine learning/ data analytics NIT-T.
	AN	2.00-3.30 3.45-5.15	**Mining frequent Patterns (MBA)** **Artificial Neural Network**	**Mr.Sai Kiran Kumar** Trainer of Machine learning/ data analytics NIT-T.
14.11.17	FN	9.30-11.00 11.30-1.00	**Data Mining Trends** **Intrusion Detection system**	**Mr. Raj Srinivasan** Director New Age Analytics, Bangalore.
	AN	2.00-3.30 3.45-5.15	**Data Mining in Search Engine Analytics** **Corporate Survillance**	**Mr. Perumal Kumar** Director New Age Analytics, Bangalore.
15.11.17	FN	9.30-11.00 11.30-1.00	**Decision Tree (Rpart/ Random forest)** **Ensembling Modeling**	**Mr. Sai Kiran Kumar** Trainer of Machine learning/ data analytics NIT-T.
	AN	2.00-3.30 3.45-5.15	**Mining Data Stream** **Social Network Analysis**	**Mr. Raj Srinivasan** Director New Age Analytics, Bangalore.
16.11.17	FN	9.30-11.00 11.30-1.00	**Fundamentals of Digital analytics**	**Mr.C.Aswin Kumar** Consultant/Adobe, Bangalore.
	AN	2.00-3.30 3.45-5.15	**Industrial Credit Risk Analytics** **Predictive Analytics**	**Mr. Perumal Kumar** Director New Age Analytics, Bangalore.
17.11.17	FN	9.30-11.00 11.30-1.00	**Text Mining & Its Application in Social Media Marketing**	**Mr. Sai Kiran Kumar** Trainer of Machine learning/ data analytics NIT-T
	AN	2.00-3.30 3.45-5.15	**Recommendation Engine: User Based Collaborative Filtering**	**Mr. Renold Raj Devaraj** 5a`eg*fS`fŽ6SfS ELJWUW 4S`YS'adVx

NOTE: Hand-on sessions are planned for few scheduled sessions participants are requested to bring laptop for workshop

REGISTRATION

Duly filled in registration form/DD must be sent by speed post to the Coordinator.

To avoid postal delay/loss in transmission, a scanned copy of the registration form should be sent to the email
ID : domsworkshops@outlook.com titled : FDP Data Mining and Data Analytics.

IMPORTANT DATES

The last date to register
8th November2017.

For any assistance, contact:
Dr.J.Daniel Inbaraj, Faculty,
Mob: +91 9677 797979

REGISTRATION FEE

Category	Individual	**Group
Academicians	5000	4500
Full time research scholars	4000	3500

 *Full time scholars must submit a copy of their college ID with registration form
**To avail of our group concession, 3 or more delegates can register as a group. Each member should fill a seperate appliaction form.

MODE OF PAYMENT

Registration fee is to be paid by Demand Draft (DD Only) in favour of

"THE DIRECTOR ,NATIONAL INSTITUTE OF TECHNOLOGY TRICHY",

Payable at Tiruchirapalli.

ACCOMODATION

Accommodation for the participants will be arranged in the institute guest house(AC) at Rs.300 per head /per day. In the institute hostel at Rs.125 per head/per day for the outstation participants. Normally it will be a twin shared accomodation.

ADDRESS FOR COMMUNICATION

Kindly send the registration form and DD to the following address
Dr. P.Sridevi,
Assistant Professor,
Department of Management Studies,
National Institute of Technology,
Thuvakudi,
Tiruchirapalli- 620 015

Faculty Development Program
on
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Department of Management Studies
National Institute of Technology, Tiruchirappalli – 620 015

REGISTRATION FORM

Date: _____

Name : _____

Designation : _____

Department : _____

Institute/Organization : _____

Email : _____

Ph. No. : _____

Registration : Individual ☐   Group ☐

Category : Academician ☐   /Research Scholar ☐

Accommodation Required : Yes ☐   No ☐   if yes, Guest House ☐   Hostel ☐

Demand Draft No. : _____   Demand Draft Date : _____

Bank Name : _____   Amount : _____

Signature of Applicant