ABOUT THE INSTITUTION

Jansons Foundation crossed another milestone by establishing Jansons Institute of Technology (JIT) in 2009. The locational advantage of the institution is its close proximity to Coimbatore. JIT is approved by the All India Council for Technical Education (AICTE), New Delhi and is affiliated to Anna University, Chennai. The institution is well equipped with advanced infrastructural facilities to meet the requirements as prescribed by the university. JIT aims to develop and implement a comprehensive human resource plan to include recruitment, professional development, retention and succession that attracts qualified staff and faculty members. It is also ensured that they remain contemporary in their respective roles and disciplines.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering of JIT was formed in 2009. The Department has a comprehensive curriculum on topics related to all aspects of hardware and software with an emphasis on practical learning. The course is affiliated with Anna University, Chennai and it is up-to-date and includes courses on embryonic topics to equip the students. The Department provides an outstanding education and research environment complemented by excellence in teaching. The Department has state of the art infrastructure with high speed internet facilities.

LOCATION

The Institution is located on Coimbatore – Avinashi National Highway (NH 544) and is about 20 kms from Coimbatore. It is accessible by all the buses plying from Coimbatore to Tirupur and Erode.

ABOUT THE WORKSHOP

The workshop is designed for researchers intended in analytics at any stage of their careers, including undergraduate and graduate students, faculties and research scholars. The workshop will emphasize hands-on sessions. The hands-on sessions are designed based on domains like programming on Python, Predictive modelling, Machine Learning Algorithms. For data analysis & interactive exploratory computing and data visualization, Python will inevitably draw comparisons with much other domain-specific open source software. R is an open source package for Data Mining. It is available as the stand-alone application for Data Analysis and as a Data Mining engine for the integration into own products.

Sailent Features of this workshop is to:

- ✓ To use appropriate models of analysis, assess the quality of input, derive insight from results and investigate potential issues.

- ✓ To apply computing theory, languages and algorithms, as well as statistical and mathematical models.

To formulate and use appropriate models of data analysis to solve hidden solutions to business – related challenges.

Jansons Institute of Technology

Two Days National Level Workshop
on
Predictive Data Analytics using Python and R Programming

18.07.2019 & 19.07.2019

CONVENER
Dr.A.Velayudham

CO-ORDINATORS
Dr.E.S.Shamila
Prof.A.Praveena

Organized by
Department of Computer Science and Engineering

Ph:0421-2264900, Fax:0421-2264999
e-mail: cse@jit.ac.in
website: www.jit.ac.in

REGISTRATION DETAILS:

REGISTRATION FEE : Rs. 200/- per participant.

Registration fee covers Lunch & refreshments.

The filled in Registration form along with Demand Draft drawn in favor of **"Jansons Institute of Technology",** payable at Coimbatore, shall be sent to registration contact address.

ELIGIBILITY DETAILS:

- Academicians from Engineering colleges and Universities
- Under graduate and Post graduate Engineering students
- Research Scholars

IMPORTANT DATE:

Last date for

Registration with DD : **11.07.2019**

RESOURCE PERSON:

Sessions will be handled by eminent professionals in the subject field.

TOPICS TO BE COVERED

- ✓ Introduction to Predictive Analytics & Python
- ✓ Data summarization, visualization & aggregation using python
- ✓ Neural Networks
- ✓ Predictive modeling using Multiple linear regression and Dummy Variable Regression
- ✓ Factor Analysis & Cluster Analysis
- ✓ Binary logistic regression
- ✓ Classification and Regression Tree
- ✓ Classification Techniques using R
- ✓ Random Forest
- ✓ K nearest neighbour
- ✓ Naive Bayes Classifier
- ✓ Support Vector Machine

ADDRESS FOR COMMUNICATION
The Coordinator,

Department of Computer Science & Engineering,

Jansons Institute of Technology,

Karumathampatti,

Coimbatore – 641 659.

Phone : 0421-2264900

Mobile : 9443915969, 9965545508

E-mail: cse@jit.ac.in

Website: www.jit.ac.in

Two Days National Level Workshop On

Predictive Data Analytics using Python and R Programming

18th & 19th July 2019
REGISTRATION FORM

Name : _____

Designation : _____

Department : _____

Category : _____

(Student (UG/PG) / Faculty/ Others)

Address :_____

_____

_____

Pin :_____

Phone :_____

Fax :_____

E-mail :_____

Fee Payment Details:

DD Issuing Bank: _____ Branch: _____

Amount: Rs._____ DD No .with date: _____

Date:

Place: Signature

Signature of Head of the Institution

(with the official seal)