

ABOUT THE COLLEGE

Ramco Institute of Technology is founded by Shri P.R. Ramasubrahmaneya Rajha, Founder Chairman, RIT in the year 2013 with a vision to impart high quality engineering education. Our Chairman Shri.P.R.Venketrama Raja rapidly flourishes the learning environment by encouraging students to pursue online courses from prominent foreign universities and motivating them to do Inter-disciplinary projects with creation of Innovation Hub and Research laboratories with tie-up from Multi-National Corporates. The College is situated in the foothills of Western Ghats, 5 Kms from Rajapalayam Bus stand in Ayyanar Kovil Road. College has a very good learning atmosphere facilitated by high quality teaching by well-qualified and experienced faculty members, e-learning modules with smart classrooms, emulating IIT system of education.

ABOUT THE DEPARTMENT

The Computer Science and Engineering Department is established with a mission to become a Centre of Excellence. The faculty members of the department deliver skills to students through 360° teaching-learning environment which includes deployment of Moodle, Video Tutorials from NPTEL, Spoken Tutorial which are all streamlined with NMEICT. Computer centers of the department provide Central Computing facility across 1000+ nodes which are backboned by IBM 8 Blade Servers and Juniper Networks. Nodes have communication outlet with a speed of 108 Mbps dedicated leased line facility which can be accessed in both wired and Wi-Fi environment. The faculty members of the department impart knowledge through curriculum based formal education and industry focused informal education which enhances the aptitude skills of the students and make them readily employable. The Department facilitates the faculty members and students to pursue online courses from prominent foreign universities like MIT Edx, HarvardX etc.

PROGRAMME OBJECTIVES

The objective of the Programme is to provide a platform for the Faculty members who are working in Affiliated colleges of Anna University to enhance their Teaching-Learning Skills in the course Data Analytics. This Course is aimed to help the Faculty members to acquire more practical knowledge in the use of model Data Analytics Tools like R Programming, Weka, Rapid Miner. The Course also focuses on Big Data Fundamentals and Hadoop Framework. This Programme will help the participants to understand different algorithms available for Data Analysis. This programme will provide a footstep for participants in Data Analysis and Reporting Tools like IBM Infosphere, Cognos Impromptu. The course contents are aligned with respect to MOOC offered by HarvardX.

PROGRAMME CONTENTS

Big Data Fundamentals

- Hadoop Framework
- Map Reduce, No SQL, Hive, Pig
- Mongo DB

Data Analysis

- Data Science : Statistics and Probability
- Data Science : Visualization
- Frequent Itemset Mining, Data Streams

Clustering and Classification

- K-Means, SVM, Naïve Bayesian
- Neural Networks, Regression
- Fuzzy Logic and Genetic Algorithms

Hands-on Sessions

- Big Data Framework
- Data Analytics Tools (R Programming, Weka, Rapidminer)

SEVEN DAYS FDTP

ON

IT6006 Data Analytics

06th-13th JUNE, 2018

REGISTRATION FORM

Co-ordinators

Dr.K.Vijayalakshmi

Mr.R.Balaji Ganesh



Approved by

**Anna University
Chennai**

Organized by



**Department of Computer
Science and Engineering,
Ramco Institute of Technology,
Rajapalayam - 626 117
Tel.No. 04563 233412**

REGISTRATION

- * There is No Registration Fee
- * Preference will be given to young and dynamic faculty members who are working in colleges affiliated to Anna University.
- * Selection will be made on First come First serve basis and is limited to twenty-five faculty members.
- * Selected Candidates will be intimated through e-mail only.
- * If selected, faculties should attend the training program in full without Fail.
- * Tea, Working Lunch, Local Transport facility will be provided
- * No TA/DA will be provided
- * Accommodation may be provided for outstation candidates in College hostels at free of cost, subject to availability.
- * Certificates will be issued to candidates who attend the program in full by CFD, Anna University, Chennai.
- * Faculty members who wish to attend should submit the filled-in registration form and the attached declaration form forwarded by the Head of the Institution to the address by courier on or before **04th June 2018**.
- * Soft copy of the filled-in application can also be e-mailed to aufdtp2018@ritrjpm.ac.in.

For further Information Contact

The Co-ordinator
FDTP on Data Analytics
Department of Computer Science and Engineering
Ramco Institute of Technology
Rajapalayam- 626 117
Email: aufdtp2018@ritrjpm.ac.in

FDTP ON IT6006-DATA ANALYTICS 06th-13th JUNE, 2018

REGISTRATION FORM

Name:

Age, DOB & Gender:

Designation:

Name of College in which working:

Educational Qualification:

Address for Communication:

Professional Experience:

Teaching: _____ years, Industry: _____ years

Contact No.:

E-mail ID:

Accommodation required: Yes / No.

I hereby declare that the above furnished information is true to the best of my knowledge, and I will abide by the rules and regulations governing FDTP in time. If selected, I will attend the program in full. I also undertake the responsibility to inform the Co-ordinator well-in advance in case of inability to attend the program.

Signature of the participant with Date

Forwarded and Recommended

Signature & Seal of
the Head of the Institution

ORGANIZING COMMITTEE

CHIEF PATRON:

Shri P.R.Venketrama Raja
Chairman, Ramco Group

Dr.M.K.Surappa
Vice-Chancellor
Anna University, Chennai

PATRON:

Dr.S.Ganesan
Registrar, Anna University, Chennai

CHAIR

Dr.S.Rajakarunakaran
Principal,
Ramco Institute of Technology

Dr.K.Shanthi
Director, CFD

Dr.D.Sridharan
Addl. Director, CFD

Co-ordinators

Dr.K.Vijayalakshmi
Professor and HOD, CSE
Tel.No. 9486604522, 04563 233412

Mr.R.Balaji Ganesh,
Assistant Professor (S.G.) / CSE
Tel. No. 8220037222, 04563 233400

Venue:

Computer Centre,
Department of Computer Science
and Engineering

IMPORTANT DATES:

Submission of Application : 04.06.2018
Intimation of Selection : 05.06.2018
Confirmation by Participants: 05.06.2018



RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
&
ANNA UNIVERSITY, CHENNAI



**Seven Days Faculty Development Training Programme on
IT6006 Data Analytics**

06th - 13th JUNE, 2018

REGISTRATION FORM

Name of the Faculty Member:

Age, DOB & Gender:

Designation with Department:

Name of the College in which working:

Educational Qualification:

Address for Communication:

Professional Experience:

Teaching:_____ years, Industry:____years

Contact No.:

E-mail ID:

Accommodation required: Yes / No.

I hereby declare that the above furnished information is true to the best of my knowledge, and I will abide by the rules and regulations governing FDTP in time. If selected, I will attend the programme in full. I also undertake the responsibility to inform the Co-ordinator well-in advance in case of inability to attend the programme.

Signature of the Participant with Date

Forwarded and Recommended:

Signature of the Head of the Institution with Seal

<Enclose filled-in undertaking form forwarded by the Head of the Institute>



RAMCO INSTITUTE OF TECHNOLOGY
 Department of Computer Science and Engineering
 &
ANNA UNIVERSITY, CHENNAI



**Seven Days Faculty Development Training Programme on
 IT6006 Data Analytics**

06th - 13th JUNE, 2018 (Summer Vacation–2018)

DECLARATION FORM

Dr. / Mr. / Mrs. / Ms.

working as in the college of.....

.....declare that I am

participating in the FDTP on **IT6006-Data Analytics** at **Ramco Institute of**

Technology from **06.06.2018** to **13.06.2018**. I also confirm that in the above

mentioned period I am not involved in any other official work.

Signature of the Participant with Date

Forwarded

Signature of the Head of the Institution with Seal