



RMK



COLLEGE OF ENGINEERING AND TECHNOLOGY

Five Days Faculty Development Program on
“DATA ANALYTICS USING PYTHON”

4th December 2017 to 8th December 2017



ABOUT THE FDP

Data Analytics is one of the most dynamic fields in the domain of Data Science. Many interesting applications that involve voluminous data are predominant in every walk of life. This faculty development program aims to provide a practical insight into data analytics using Python. The program shall provide an opportunity for the potential researchers to identify interesting research issues pertinent to Data Analytics in various verticals of socio-economic relevance.

PARTICIPANTS

A maximum of 30 registrations are permissible on the basis of first come first serve basis and selected candidates will be intimated through e-mail. The registration amount Rs.750/- has to be paid in the form of Demand Draft in favor of “RMK College of Engineering and Technology”, payable at “Chennai”.

IMPORTANT DATES

*Last date for submission of application : 22.11.2017
Acceptance Notification : 24.11.2017*

RESOURCE PERSONS

*Mr. Bobby John, Technical Officer,
Indian Statistical Institute,
Bangalore.*

*Dr.S. Swamynathan
Associate Professor/ Dept IST,
Anna University- Chennai &
Eminent personalities from Insitutions and Industries*

FDP CONTENTS

Day 1

Basics of Python for data analytics

Day 2

Python libraries and data structures

Day 3

*Exploratory data analysis using Python
Data summarization, aggregation & visualization using
Python*

Day 4

*Statistical learning techniques for predictive modelling
(Regression Analysis, Logistic Regression)*

Day 5

*Machine learning techniques for predictive modelling
(k-nearest neighbour, Naïve Bayes classifier, Support
vector machine)
Clustering, Text mining & Sentiment Analysis*

ORGANIZED BY
DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING





ABOUT THE COLLEGE

R.M.K College of Engineering and Technology (RMKCET) was established in the year 2008 by Lakshmi Kanthammal Educational Trust. The College has been approved by the All India Council for Technical Education New Delhi, affiliated to Anna University, Chennai and is certified under ISO 9001:2015 by TUVNORD.

The main objective of the trust is to foster quality technical and higher education, research and training in rural areas in various branches of science and technology & simultaneously inculcating among the youth a sense of discipline which is vital to mould them into competent & talented engineers.

RMKCET maintains the ranking within top 10 Institutions consistently in the result published by Anna University. 122 University ranks have been bagged till now. The college received the most coveted AICTE - CII Award under Platinum category for its overall infrastructure and close partnership with leading industries. The Institution has been rewarded with Bharatiya Vidya Bhavan National award for the best Engineering College by ISTE for the academic year 2015 - 2016. RMKCET is ranked 4th among top 20 emerging engineering colleges in India.

ABOUT THE DEPARTMENT

The Department of CSE was started in the academic year 2008-2009. It imparts high quality technical education through technically vibrant faculty members and holds excellent infrastructure to meet the dynamic needs of the IT Industry. We organize various techno -managerial intra and inter - collegiate events, competitions under CSI students chapter and other professional bodies. Our students get placed in top notch IT companies. We get our students trained through Centers of Excellence and students undergo internships in IT product companies during their final year.

ORGANIZING COMMITTEE

Chief Patron : *Shri. R. S. Munirathinam
Founder Chairman
RMK Group of Institutions*

Patron : *Smt.Manjula Munirathinam
Chairperson
Shri. R. M. Kishore
Vice Chairman
Shri. R. Jothi Naidu
Director
Shri. Yalamanchi Pradeep
Secretary
Dr. R. M. Durgadevi Pradeep
Vice Chairperson
Smt. Sowmya Kishore
Management Trustee*

Convener : *Dr. D. Paulraj
Professor and Head / CSE*

Coordinators : *Mr. P.N. Senthil Prakash
Asst.Professor, Dept.of CSE
Mr.B. Hariharan
Asst.Professor, Dept.of CSE
Mr.Arun Manicka Raja
Asst.Professor, Dept.of CSE*

ADDRESS FOR CORRESPONDENCE

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REGISTRATION FORM

Name :

Designation/Dept. :

Institution/Organization :

Address for Communication :

Mobile Number :

E-mail ID :

Payment Details :

DD. No. / Date :

Amount :

Bank Name :

Signature of the participant

SPONSORSHIP CERTIFICATE

Mr/Ms/Dr _____
_____ is an
employee of our Institute and is hereby permitted to
attend the program.

Place: _____ **Signature of the**
Date : _____ **Head of the Department/**
Institution