

ABOUT THE INSTITUTION

Sree Chitra Thirunal College of Engineering (SCTCE) was established under the Department of Transport, Government of Kerala in the year 1995. The College is managed by the Board of Governors with the Honourable Minister for Transport, Govt. of Kerala as the Chairman. SCTCE is one of the few colleges in the state accredited twice by NBA. The institution is one among the top seven Engineering colleges in the state selected by Central Government for grants under World Bank - TEQIP (first phase).

The Primary objective is to promote education and research in the field of technology and to groom young men and women into competent technocrats, in whose hands the future of our nation is assured. Extensive links with the research Institutes and industries have enabled SCTCE to maintain the vocational and practical base to its courses. The campus is situated on the NH-47, 5 Kms from Thiruvananthapuram Central Railway Station and 10 Kms from the Airport.

ABOUT THE DEPARTMENT

Department of Computer Science and Engineering has been promoting value based quality education in the emerging areas of advanced professional studies in Computer science and information technology. The department has close interaction with various leading industries. The department focuses on the development of students by rigorous academic study, excitement of research and imparting industry standard skills.

COURSE OBJECTIVE

The main objective is to learn the tools and techniques used for data analytics and to promote the research in the area of data analytics.

COURSE CONTENTS

Social network analysis focuses on the analysis of pattern of relationships among people, organizations, states and different social entities. The rapid growth of consumer data combined with the impact of social media has created a need to understand the meaningful data. Social network analysis has already been used in a number of areas, primarily focused on criminal activities. Analysis of Big data can lead to increase in sales, fraud detection, pattern recognition and risk prediction in various domains. Social network analysis can be used to detect patterns, establish linkages between individuals and to connect non-obvious relationships. The research works are being carried out in the area of finding the communities from multi-relational social network data for identifying criminals and to detect abnormal behaviors.

The tools and techniques used for analyzing the data posted in social networks are to be familiarized for analyzing the data. The different topics covered in this course includes Scope of Research in Data Analytics and Block Chain Technology, Big Data Security, Research challenges in Data Analytics, Tools and Techniques used for analyzing Big Data, Probability & Random process, Processing and Analysis of data with Hadoop/Spark, Storm Data Analytic tool and Programming using R language. Hands on training sessions will be arranged for utilizing the tools of data analytics, analysis of data with Spark and coding using R language.

RESOURCE PERSONS

Experts from Industries and Professors from Engineering Colleges including National Institute of Technology, Calicut.

PARTICIPATION

The course is open to faculty members from various engineering colleges. Maximum number of external participants is limited to 30.

REGISTRATION FEE

The registration fee for attending the course is Rs. 500/- (five hundred) per participant. Registration fee shall be paid through demand draft drawn in favour of NTIT SCTCE payable at SBI, SCT Engineering College Branch, Pappanamcode or amount shall be transferred through online savings bank A/C No.67066395303 (IFSC SBIN0070851) and mention the transaction ID in the registration form.

IMPORTANT DATES

Last date of submission of registration form: 26/11/2018
Intimation of selection (By E-mail) : 28/11/2018

Filled in registration form along with Demand Draft should be send by post to the address given below.

The Co-ordinator,
Short Term Course on Research Challenges in Data Analytics
Department of Computer Science and Engineering,
Sree Chitra Thirunal College of Engineering,
Pappanamcode, Thiruvananthapuram - 695018

CO-ORDINATORS

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REGISTRATION FORM
SHORT TERM COURSE
ON
RESEARCH CHALLENGES IN DATA ANALYTICS
(6th to 12th December 2018)

1. Name of Applicant:
2. Sex: Male/Female
3. Designation:.....
4. Highest Qualification:
5. Department:
6. Professional Experience:
7. Name/Address of affiliated College/Organization:
.....
8. Phone/Mobile No.:
9. E-Mail:
10. Food Preference: Veg/Non-Veg:.....
11. Demand Draft No./Transaction ID:.....
12. Name of Bank.:.....

DECLARATION

I declare that the information furnished herewith is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the course. If I am selected, I shall attend the course for the entire duration.

Signature of the applicant:

SPONSORSHIP

This is to certify that Dr./Mr./Ms..... is a faculty member of our institution and is hereby sponsored for the Short term course on Research challenges in Data Analytics. The applicant would be permitted to attend the course, if selected.

Signature of Head of Institution

Office Seal

PATRON : Hon'ble Minister for Transport
Govt. of Kerala
&
Principal, SCTCE

For any queries :

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SHORT TERM COURSE
ON
RESEARCH CHALLENGES
IN
DATA ANALYTICS

6th to 12th December 2018

Approved by Directorate of Technical Education &
Sponsored by APJ Abdul Kalam Technological University



Organized by

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

SREE CHITRA THIRUNAL
COLLEGE OF ENGINEERING

(Under Govt. of Kerala)

Affiliated to APJ Abdul Kalam Technological University

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