**CERTIFICATION**: E – Certificate will be issued to all participants who have attended the programme with a minimum of 80% attendance.

ALL SESSIONS WILL BE CONDUCTED IN ONLINE

NO REGISTRATION FEES

LAST DATE FOR REGISTRATION : 12-FEB-2021

MAXIMUM NO:OF PARTICIPANTS :90

MORNING SESSION :10.00 AM- 11.30AM

AFTERNOON SESSION : 1.30 PM - 3.30 PM

**Register using the link**
**bit.ly/dataanalyticscek**

### CO-ORDINATORS

Dr. Ojus Thomas Lee

Associate Professor in CSE

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Mrs. Shandry K K

Assistant Professor in CSE

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## SESSIONS INCLUDED

- Introduction to Data analytics
- Data Storage
- Data Security and Privacy
- Data MIning
- Machine Learning Applications for Bigdata Analytics
- Introduction to Bigdata Analytics
- Data Visualization with Tableu
- Bigdata Analysis using SAS
- Cloud Computing-Best Practices and Multi-Cloud Architecture
- Cloud Native Data Engineering and Data science

Resource persons from industry and academia have joined hands with us to give a fruitful experience in the FDP. Our resource persons are:

1. Dr, Sunil Job, Chief Consultant and Academic Director IPSR, Kottayam
2. Dr. Ojus Thomas Lee, Associate Professor in CSE, CE Kidangoor
3. Dr Hiran V Nath, Asst Professor CSED, NIT Calicut
4. Dr. Sabu M K , Professor Department of Computer Application, CUSAT
5. Dr Santhosh Kumar G, Professor CSE, CUSAT
6. Dr. Judy M V,Professor Department of Computer Applications CUSAT
7. Mr.Mahesh Divakaran,Statistical Programmer,GenPro Research
8. Mr Aneesh Kumar Aryamvally,Chief Architect at DataSemantics,Bangalore

**COLLEGE OF ENGINEERING KIDANGOOR** WHERE INTELLIGENCE MERGES WITH TECHNOLOGY
Under Co-operative Academy of Professional Education
Established by Government of Kerala
An ISO 9001:2015 Certified Institution

**5 Days Faculty Development Programme(FDP) on**

# "DATA ANALYTICS"

## (15-19 FEB 2021)

*(TEQIP-II SPONSORED)*

**Organised by**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

*(NBA Accredited)*

## ABOUT THE COLLEGE

College of Engineering, Kidangoor (CEK), Kottayam is one among the premier institutions in the state. The college is governed by the Co-operative Academy of Professional Education established by the Government of Kerala. The admissions are based on the rank obtained by the students in the State Entrance examinations and functioning of the college is according to the rules and regulations formulated by the Government of Kerala. Now the institution is glistening with outstanding records in both academic and extracurricular fields backed by excellent faculty and full-fledged facilities. CEK is an ISO 9001:2015 Certified Institution.

## ABOUT THE DEPARTMENT

Computer Science Department was established in 2000 with BTech program. MTech in Computer and Information Science has started in 2014. The department was accredited by NBA in 2019.

The department has a long tradition of producing technically competent engineers since 2004 and it has renowned alumni occupying prominent positions in the industry, academia and research all over the world.

## VISION OF THE DEPARTMENT

To become a centre of excellence in Computer Science and Engineering imparting quality professional education to develop competent professionals with social values who are capable of life long learning

## MISSION OF THE DEPARTMENT

To impart quality technical education to students at undergraduate level through constant knowledge upgradation by mainintaing pace with the latest sophisticated innovations,research & development and industry interaction in the field of Computer Science and Engineering with focus on lifelong learning for the well being of the society

## ABOUT THE PROGRAM

Data analytics is the science of analyzing raw data that leads to meaningful conclusions from that data.

The techniques and processes of data analytics have been formulated into algorithms and processes that makeover raw data into human interpretable for decision support. A successful data analytics initiative will tell you of where you are, where you have been and where you should go.

FDP on Data Analytics covers many of the data analytics techniques which will give understanding of the data ecosystem and the fundamentals of data analysis, such as data mining or data gathering. It also covers different data analytics and data visualization tools which are currently used in the industry.