

## ORGANIZING COMMITTEE

### CHIEF PATRON

**Thiru. D.M.Kathir Anand, M.B.A (USA)**  
Chairman

### PATRON

**Dr.M.M.Ravi Kumar,**  
Principal

### CONVENOR

**Mr.K.Sankar Ganesh**  
Head of the Department  
Department of Computer Science and Engineering

### CO ORDINATOR

**Dr.PEREPI RAJARAJESWARI**  
Associate Professor  
Department of Computer Science and Engineering

### MEMBERS

**Mrs. R. Ruhin Kouser,**  
Assistant Professor  
Department of Computer Science and Engineering

**Ms.A.Shalini**  
Assistant Professor  
Department of Computer Science and Engineering

**Ms. M. Anitha**  
Assistant Professor  
Department of Computer Science and Engineering

**Mrs. R. Thillaikarasi**  
Assistant Professor  
Department of Computer Science and Engineering

**Mr. U. Ravindran**  
Assistant Professor  
Department of Computer Science and Engineering

**Mrs. S. Lakshmi**  
Assistant Professor  
Department of Computer Science and Engineering

## IMPORTANT DATES

Last date for registration : 6-12-2020

FDP programme starts on : 7-12-2020

### TEST AND PARTICIPATION CERTIFICATE

An Online Test will be conducted at the end of the program. The e- certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.

For further information, Kindly contact to coordinator at  
**Dr. Perepi.Rajarajeswari - 9701769770**

View the information through  
**www.kingston.ac.in**

### Contact

**The coordinator,**  
AICTE Sponsored Two-Week ONLINE FDP on Data analytics, Artificial, Machine, Business intelligence for Engineering and Science applications.  
Department of Computer science and Engineering,  
Kingston Engineering College,  
Chittoor Main Road, Vellore - 632 059.  
Mobile : +91 97017 69770



Approved by AICTE, Affiliated to Anna University.  
Accredited by National Board of Accreditation (NBA)

**AICTE SPONSORED  
TWO WEEKS ONLINE  
FACULTY DEVELOPMENT PROGRAMME**

**ON  
DATA ANALYTICS, ARTIFICIAL,  
MACHINE, BUSINESS INTELLIGENCE  
FOR ENGINEERING AND SCIENCE APPLICATIONS**

### DATE

**7<sup>th</sup> DEC to 19<sup>th</sup> DEC 2020**



**CONVENOR  
Mr.K. SANKAR GANESH**

**CO-ORDINATOR  
Dr.PEREPI. RAJARAJESWARI**

**ORGANIZED BY  
DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING  
Sponsored by AICTE**

**◇ KINGSTON ENGINEERING COLLEGE  
CHITTOOR MAIN ROAD, VELLORE - 632 059**

**☎ 0416 - 2298300**

**✉ enquiry@kingston.ac.in**

**🌐 WWW.KINGSTON.AC.IN**

## **ABOUT KINGSTON ENGINEERING COLLEGE**

Kingston engineering has ventured into the domain of education aspiring to impart expertise and calibre to students and faculties for improving their emerging technologies, gratify the exigent needs of society and create a new dimension of Engineering and Technology.

The mission of the institute is to render an ambience for teaching and learning process and research conforms the finest standard of world class technical education for which Kingston engineering college inherits the strong establishment of infrastructure and management as part of attaining the intended objective.

## **ABOUT THE DEPARTMENT**

The Department of Computer science and Engineering was established in the year of 2009. The Department has highly qualified and experienced faculty members with Ph.D. degree. The faculty members actively engage in research and constantly publish the papers in international journals/Conferences. The department organizes the technical workshops, Seminars/conferences for the faculty members to meet the recent emerging trends.

The department has the state of the art facilities for various laboratories, classroom to support e-learning and department library.

## **ABOUT THE FDP**

This programme helps to learn the emerging technologies in the areas of Data analytics, Artificial intelligence and Business intelligence etc. This FDP programme provides practical Knowledge level of training for the effective participation to implement the Science and Engineering projects. This Programme provides fundamentals of machine learning concepts and algorithms. Participants should able to understand the machine learning applications and its practical solutions. They will able to practice the algorithms for essential role of Big Data analysis.

## **OBJECTIVE**

Big data analytics, AI is to perform problem solving, decision making process, perception, human communication thinking levels.

The purpose of business intelligence concepts is used in business which helps to corporate executives, business managers, business decisions

This programme covers training on big data analytics course, practical experience of big data Analytics.

### **As part of the course will cover these topics:**

- + Big Data Technologies – Hadoop, Spark & MongoDB
- + Data Mining Tools – R
- + Data Mining Techniques
- + Neural Networks
- + Random Forest
- + Classification Tree
- + Logistic Regression
- + Clustering
- + Linear Regression
- + Data Management Basics – SQL Programming Business Domain Understanding – Retail Banking Analytics, Business intelligence for engineering and science applications.

### **OUTCOMES**

After the completion of programme Participants will able to Technically competent in the basics and the fundamental concepts of Big dataanalytics, Machine Learning and Artificial intelligence such as:

- + Understand the fundamental concepts of machine learning principles.
- + Usage of machine learning algorithms for searching the patterns in data
- + Know usage of data patterns decisions and make predictions of real-time examples.
- + To prepare the data which deals with missing values and create custom data analysis solutions for different industries.
- + Basic algorithmic techniques which are combined with sorting, searching, greedy algorithms and dynamic programming.

### **ELIGIBILITY**

Faculties from AICTE approved institutions, Industry participants.  
Number of participants: 100

### **RESOURCE PERSON**

Professors at IITs, NITS, Industrialists and scientists etc.

## **AICTE SPONSORED TWO WEEKS ONLINE FACULTY DEVELOPMENT PROGRAMME**

ON

## **DATA ANALYTICS, ARTIFICIAL, MACHINE, BUSINESS INTELLIGENCE FOR ENGINEERING AND SCIENCE APPLICATIONS**

**7<sup>th</sup> DEC TO 19<sup>th</sup> DEC 2020**

## **REGISTRATION FORM**

**NAME** :

**GENDER** :  Male  Female

**DESIGNATION** :

**DEPARTMENT** :

**INSTITUTION** :

**QUALIFICATION** :

**MAILING ADDRESS** : \_\_\_\_\_

**CONTACT NO** :

**EMAIL ID** :

**SIGNATURE OF APPLICANT**

**Signature of the HOD/Head of the institution**

**Registration Link**

**<https://forms.gle/TogAUZ2PpYoEvgGJA>**

**Note : No Registration Fees**