FDP ON "MACHINE LEARNING FOR DATA SCIENCE AND ANALYTICS"
4th-6th DECEMBER 2019

REGISTRATION FORM

Name:

Qualification:

Designation:

Institution:

Experience in years:

Research Interest:

Address:

Mobile:

E-mail:

The details furnished above are true to the best of my knowledge. If selected, I shall attend the course for the entire duration.

Place: Signature:

Date: Name   :

SPONSORSHIP CERTIFICATE

Certified that Mr/Ms/Dr……..........……………......

is an employee of our institution and is hereby sponsored for attending the FDP ON "**MACHINE LEARNING FOR DATA SCIENCE AND ANALYTICS**" at College of Engineering Perumon from 4th to 6h December 2019. He/She will be permitted to attend the course, if selected.

Place: Name & Signature
Date:
                         (Principal)

(Seal of the institution)

Programme Coordinators:

Ms. Surya S R
Asst. Prof. in IT
Ph: 9446556505

Ms. Deepa K Daniel
Asst. Prof. in IT
Ph: 8891174195

COLLEGE OF ENGINEERING PERUMON

FDP
On
"**MACHINE LEARNING FOR DATA SCIENCE AND ANALYTICS**"

Sponsored by
TEQIP II
4th-6th DECEMBER 2019

Organized by

Department of Computer Science and Engineering and Department of Information Technology

COLLEGE OF ENGINEERING PERUMON

Under CAPE, Established by Government of Kerala

An ISO 9001:2015 Certified Institution

Two B.Tech Programmes (ECE & EEE) Accredited by NBA

PREFACE TO THE COURSE

Machine learning can be stated as the practice of applying algorithms to use data, learn from it & forecast the future trends. Data science is a concept that deals with big or medium scale data and includes data cleansing, preparation and analysis. In the contemporary scenario, huge amount of data is getting generated from the systems around us. In business point of view these data has to be analyzed efficiently to make valuable decisions. Data analytics is an emerging technology suitable for various domains like E-Commerce, Management, Computer Science, Retail Industry, Banking sector etc. Therefore, keeping in view the inter-dependence of the disciplines like Machine learning impacting on the areas of Data Science, this program has been aimed to highlight the domains of research & applications associated with the stated technologies.

COURSE CONTENTS

- Introduction and Scope of Data Science

- Basics of machine learning

- Neural networks & SVM

- Genetic algorithm

- R Programming basics

- Hands on R programming

- Reasearch directions in ML

INTENDED AUDIENCE

This course is intended for faculty members from all engineering disciplines, research scholars and PG students. The resource persons of high repute are drawn from academia, research and Industry.

ABOUT THE INSTITUTION

College of Engineering Perumon was established in the year 2000 under the Co-operative Academy of Professional Education (CAPE), Govt. of Kerala. The college has registered speedy progress since then and it offers five undergraduate programmes (ME, ECE, EEE, CSE and IT) in affiliation with APJ Abdul Kalam Technological University. An M.Tech programme in Computer and Information Science commenced in the academic year 2011-12. College of Engineering Perumon has attained recognition of ISO 9001:2015 certification from the Integrated Quality Certification PVT Ltd. Two UG programmes EEE and ECE got accredited by NBA. The college has a distinctive academic stature in the arena of engineering institutions in the state.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was established in the year 2000 offering four year B.Tech programme in Computer Science and Engineering and Information Technology. M.Tech programme in Computer and Information Science commenced in the academic year 2011-12. The major strength of the department is highly qualified and experienced faculty with specialization in main areas of Computer Science and Information Technology. State-of-the-art facilities are available in all the labs to train the students capable of meeting the requirements of present and future.

REGISTRATION FEE

Academicians:-	800/-
Reasearch Scholars:	600/-
PG students:-	300/-

HOW TO APPLY

The registration form and sponsorship certificate duly filled and signed by Head of the Institution in the prescribed format should be submitted on or before the commencement of the programme. The applicants should confirm their participation on or before 02/12/2019 by email.

Email:-fdpmlcep@gmail.com

ROUTE MAP