

Other Important information for participants

➤ This FDP is only for faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government and Industry.

➤ The FDP will be conducted in Online mode.

➤ Participants willing to participate in this online FDP should have the provision of laptop/desktop/smart phone with good quality internet connections and other audio visual facilities, as required for online training.

➤ Course Registration is free for all participants.

➤ Seats are limited (only 100) and the participants are selected by organizers on first come first serve basis.

➤ Shortlisted candidates will be informed through their email.

➤ On completion of the course and objective/quiz based assessment of all participants will done

➤ Those who have an attendance of minimum 80 % and score more than 60% in the test will be issued a digital certificate by the ATAL Academy.

➤ Preference will be given to those who have not attended ATAL FDP in last 6 months

Resource persons

Experts from Industries and Academic Institutions.



For Registration



scan the QR code for the link

or use

<https://www.aicte-india.org/atal>



Important Dates

Registration ends on 20.08.2020



Co-ordinator

Co-ordinator

Dr. Ojus Thomas Lee

Associate Professor and Head, Dept of CSE,
College of Engineering Kidangoor
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Co-Cordinators

Dr. K. S. Angel Viji

Associate Professor in CSE,
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**ATAL FDP
AUG 24 - 28,
2020 ON**

**MACHINE LEARNING
AND
APPLICATIONS**



**COLLEGE OF ENGINEERING
KIDANGOOR** WHERE INTELLIGENCE MERGES WITH TECHNOLOGY

Under Co-operative Academy of Professional Education
Established by Government of Kerala

Organised By
Department of Computer Science &
Engineering
College of Engineering, Kidangoor,
Kidangoor South P. O
Kottayam – 686 583

ABOUT THE COLLEGE

College of Engineering, Kidangoor (CEK), Kottayam is one among the premier institutions in the state with CSE and CE departments NBA accredited. The College of Engineering Kidangoor was established in the year 2000. 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.

ABOUT THE DEPARTMENT

The department of Computer Science and Engineering is an NBA accredited department having B.Tech Computer Science and Engineering with 90 seats and M.Tech in Computer and Information Science with 18 seats. The department was established in 2000 with a UG course in Computer Science and Engineering with an intake of 45 students. The intake of the UG course was enhanced to 60 in 2004. The department has produced around 700 undergraduates to this date. The department started offering M.Tech in Computer and Information Sciences in the year 2014. In 2019 the department started a second batch of UG. The department is an NBA accredited department from 2019 November onwards.

ABOUT AICTE ATAL

The objectives of AICTE Training and Learning (ATAL) Academy are:

To set up an Academy which will plan and help in imparting quality technical education in the country

To support technical institutions in fostering research, innovation and entrepreneurship through training To stress upon empowering technical teachers & technicians using Information & Communication Technology

To utilize SWAYAM platform and other resources for the delivery of training.

To provide a variety of opportunities for training and exchange of experiences, such as workshops, Orientations, learning communities, peer mentoring and other faculty development programmes.

To support policy makers for incorporating training as per requirements.

ABOUT FDP

Machine learning is in the spotlight owing to the large volume of data generated and analysis of these data for generating useful information from them. In this FDP we plan to provide an overview of the various aspects of machine learning along with hands-on sessions. The sessions will help participants to develop a better idea of machine learning methods, its applications and programming languages used for building machine learning applications.

COURSE CONTENT

- › Supervised, Unsupervised and Reinforcement Learning Approaches
- › SVM, ANN based methods
- › GAN Restricted Boltzmann Machine and its applications
- › Machine Learning methods and use cases
- › Hands-on on Machine learning methods using Python and R

ORGANIZING COMMITTEE

CHIEF PATRON
Dr R Sasi Kumar
Director CAPE

PATRON
Dr K G Viswanadhan
Principal College of Engineering Kidangoor

CO-ORDINATOR
Dr. Ojus Thomas Lee
Associate Professor and Head, Dept of CSE,
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