Resource Persons

Amogaa Products Pvt Ltd, Madurai

About the Institution

Sethu Institute of Technology, a twenty three years old Engineering college serving the Educationally, Economically and Industrially backward rural mass. This institute imparts technical education based on three cardinal principles: Knowledge, Service and Progress. It was established in the year 1995, offering currently 9 UG courses and 5 PG courses out of which 5 UG courses have been accredited by NBA, New Delhi.

About the Department

The department of Electronics and Communication Engineering was incepted in the year 1997 with the objective of developing communication engineers to achieve excellence in global scenario. The department has a team of well qualified, experienced and dedicated faculty members with industrial and research background. The department has been accredited by National Board of Accreditation (NBA), New Delhi. It has well equipped laboratories with state of art equipments. The department is being run with the P.G Course, M.E (Communication System).
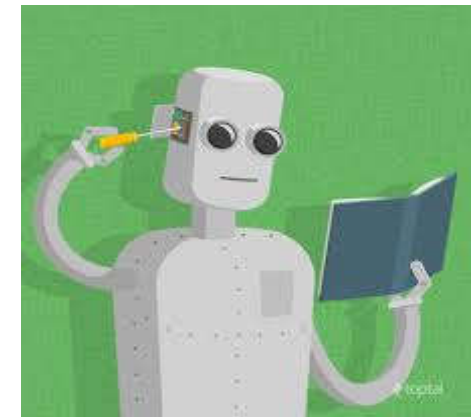
About the Workshop

The Main objective of this workshop is to address the need for Machine Learning and artificial intelligence in recent trends and the academicians, experts and industrialists can share their innovative ideas and thoughts on machine learning which refers to the techniques involved in dealing with vast data in the most intelligent fashion (by developing algorithms) to derive actionable insight, practical solutions using predictive analysis. Machine Learning is getting computers to program themselves. If programming is automation, then machine learning is automating the process of automation. Machine Learning algorithm is given a "teaching set" of data, and then asked to use that data to answer a question.

Machine Learning is coming into its own, with a mounting recognition that ML can play a key role in a wide range of critical applications, such as virtual personal assistants, predictions while commuting, video surveillance, social media services, Self-driving Cars, Eye and Head Tracking, Gesture Recognition, Vast Military Applications - Unmanned vehicles, etc., Industrial Automation and Inspection, Augmented Reality, Security purposes - Facial Recognition, etc. in which computers, software and devices perform via cognition. Learning is used when: Human expertise does not exist, Humans are unable to explain their expertise and an answer needs to be adapted to particular cases.

Topics Covered

- Introduction to Machine Learning and Artificial Intelligence, Social Aspects of ML
- Theory of Deep Learning
- Unsupervised learning techniques and case studies
- Supervised learning techniques and case studies
- Machine Learning & AI Applications in Defense, IoT, Agriculture
- Real World Issues in Machine Learning& AI
- Hands on training

NATIONAL LEVEL WORKSHOP
On

MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE

15th & 16th MARCH 2018

1 .Name
(in block letters)   :

2. Designation   :

3. Department   :

4. Institution/Organization

Address   :

Phone   :
E-mail id   :

5. Accomodation required   : Yes / No

6. Details of Registration fee

Amount   :

DD No   :

Date   :

Name of the Bank   :

7. Participant Category   :
(Industry / Academics / R&D)

Signature of the Head of the Institution/Department

Office Seal

Date   Signature of the Applicant

Registration Details

Registration from the participants are to be sent in the prescribed format duly attested by the Head of the Institution along with the registration fee in the form of a DD drawn in favour of "The Principal, Sethu Institute of Technology" payable at Kariapatti on or before 13.3.2018.

Participants can avail the college bus facility for conveyance from Madurai to the College.

Accommodation

Participants have to make their own arrangements for their stay at Madurai during the period of workshop. However, if required, accommodation can be arranged in the hostels.

Registration fee

Faculty /Students   : Rs.500 /-
Industry Delegates   : Rs.750 /-
Last Date for Registration   : 13.03.2018

HOW TO REACH

1. From Madurai railway station to Kariapatti via Pulloor Route: 76 series.

2. From Mattuthavani Bus Stand: All the buses plying to Aruppukottai, will pass via Kariapatti.

3. SIT buses will ply from Mattuthavani and Periyar Bus stand from 7.45 am on 15th & 16th March 2018.

For Correspondence
Coordinator
National Level Workshop on
Machine Learning and Artificial Intelligence
Sethu Institute of Technology
Pulloor, Kariapatti- 626 115.
Ph: 9994933560
E-mail: sheikdawood@sethu.ac.in

NATIONAL LEVEL WORKSHOP
On

MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE

15th & 16th MARCH 2018

Organized by

Department of Electronics & Communication Engineering
(Accredited by NBA under Tier-I Washington Accord)

SETHU INSTITUTTE OF TECHNOLOGY
AN AUTONOMOUS INSTITUTION | ACCREDITED WITH 'A' GRADE BY NAAC
Pullor, Kariapatti-626115.Virudhunagar District, Tamilnadu.
Ph: 04566-308001 FAX: 04566-30800