

**A Two-day Workshop
on
Pattern Recognition and Machine Learning**

30th and 31st May 2019

Registration Form

Name: _____

Designation: _____

Organization: _____

Address for Correspondence: _____

Mobile: _____

email: _____

Educational Qualifications: _____

Experience (Years): _____

Category: Academic/Industry/ R&D

Research Interests: _____

Payment Details:

Draft No: _____ Date: _____

Amount: Rs. _____ Bank _____

Place:

Date:

Signature of the Applicant

Recommended

Signature (Head of the Institute, with seal)

Registration Fee*

1. **Engineers/Scientists:** Rs. 750/-

2. **Faculty:** Rs. 500/-

3. **Research Scholars / PG Students:** Rs. 250/-

(Payment by Demand Draft in favor of Head, Department of ECE, Gandipet, Hyderabad, payable at ICICI Bank, Microsoft Branch Hyderabad)

* Spot registrations will also be accepted.

Important Dates:

Last date for receipt of applications: 20th May 2019

Workshop Dates: 30th and 31st May 2019

Patrons

1. **Dr. V. Malakonda Reddy**

President, CBIT.

2. **Smt. D. Sandhya Sree**

Member, BOM, CBIT and Chairperson D&P Committee.

Advisors

1. **Dr. P. Ravinder Reddy**

Principal

2. **Dr. D. Krishna Reddy**

Head, Department of ECE

Workshop Coordinators

1. **Dr. P. Narahari Sastry**

Professor

Department of ECE

email: ananditahari@gmail.com

Mobile: 9948397802

2. **Sri. M. Ramana Reddy**

Assistant Professor

Department of ECE

email: hemanireddy@gmail.com

**A Two-day Workshop
on**

**Pattern Recognition and Machine Learning
(Code : CBIT/ECE/TP/51)**

30th and 31st May 2019



Venue

Seminar Hall (N-Block)

Organized
by

**Department of Electronics and
Communication Engineering**

Chaitanya Bharathi Institute of Technology (A)

Affiliated to Osmania University, Hyderabad

All UG & Five PG Engineering Programmes
are Accredited by NBA,

NAAC- UGC accredited with 'A' Grade

ISO 9001:2015 Certified and Autonomous Institute
Chaitanya Bharathi P.O., Gandipet, Hyderabad - 500 075.

Chaitanya Bharathi Institute of Technology (A)

CBIT is one of the premier engineering institute for imparting engineering education in the state. This is a first self financed engineering college, established in 1979 in Hyderabad with a prime motto to shape young, innovative and creative engineers in building the Nation's Human Resource Capital. The college offers Nine UG and Eleven PG courses. It has been accredited five times by NBA(AICTE) and NAAC- UGC with A Grade. Autonomous status was granted by UGC. The institute attained 100th rank in NIRF rankings of 2019. It is also the first ISO certified Engineering Institute of Telangana. The research grants received from AICTE/UGC are worth about Rs.4.5 crores.

Brilliant and meritorious candidates with top EAMCET ranks are seeking admission in CBIT. The pass percentage is consistent with above 95% on an average out of which 80% of the students are passing either in distinction or in first class. More than 75% of the students are being placed in nationally and internationally reputed companies through campus placements. The remaining students pursue higher education in India and Abroad.

Department of Electronics and Communication Engineering

The Department of ECE was established in the year 1979 along with the inception of the institution. It offers an UG and two PG programmes, one in Communication Engineering and other in Embedded Systems & VLSI Design. It has been continuously striving for excellence in engineering education and research. Accredited five times by NBA for UG programme and once for the PG (Communication Engineering) programme. The institute is accredited by NAAC, UGC with 'A' Grade. The department has highly qualified and experienced faculty.

The department also has audio visuals for effective teaching. The Department is recognised as "Research Centre" by Osmania University for pursuing doctoral studies. So far, 10 research scholars are awarded Ph.D and 46 research scholars are pursuing Ph.D under the supervision of the faculty. The faculty is active in conducting research and publishing papers. The Department has good infrastructural facilities with thirteen full-fledged academic laboratories. In addition, an exclusive Navigation and Communication Research Centre is established. The department provides access to high end softwares. Two (IRNSS-SPS-GPS and IRNSS-GPS-SBAS) receivers sponsored by SAC-ISRO under MoU are installed and a RF Field Fox analyser is also made available to conduct research. This Department has six MoU's with SAC ISRO, JNTUK, NI and AMD. It has published one Indian Patent vide 201641000080A. The department has successfully executed 6 sponsored research projects to the tune of above Rs.58 Lakhs from sponsoring agencies such as AICTE, DST etc. Also, 4 consultancy projects with total funding of Rs.33 lakhs from RCI and GE are completed. Currently, two sponsored research projects with total funding of nearly Rs.20 Lakhs are in progress. The department has successfully organized 50 technical events which includes workshops, Intensive courses, panel discussion, National Conferences. Some of these are organised in collaboration with Osmania University and Jointly with Defence labs. Two FDPs and one National Seminar sponsored by AICTE are also conducted successfully.

About the Workshop

This workshop titled Pattern Recognition and Machine Learning is a very useful and emerging area of interest to the researchers of the present day. Pattern recognition is defined as the study of ideas and algorithms that provide computers with a perceptual capability to put abstract objects or patterns into categories in a simple and reliable way.

The various applications of pattern recognition are Handwritten digit or Letter Recognition, Biometrics which include Voice, Iris, Fingerprint, Face and Speech Recognition, Interpreting DNA sequences, Medical diagnostics, Terrorist Detection etc.

Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed.

Machine learning focuses on the development of computer programs that can access data and use it learn for themselves. Some of the applications of Machine learning are Spam filtering, Credit card fraud detection, Digit recognition on checks, Zip codes, Detecting faces in images, MRI image analysis, Recommendation system, Search engines, Handwriting recognition, Scene classification etc.

In this workshop eminent researchers and professors would be presenting both the basics and also the application part of Pattern recognition and Machine learning.

Resource Persons

1. Dr. Sudheer Reddy. D. Scientist, ADRIN, Dept. of Space. Hyderabad.
2. Dr.Siba Kumar Udgata, Professor, Department Of Computer Science, University of Hyderabad, Hyderabad.
3. Dr. T.V.Rajanikanth , Professor, Department Of Computer Science, SNIST, Hyderabad.
4. Dr. P. Narahari Sastry, Professor, ECE Department, CBIT, Hyderabad.

Contacts

Please send the filled in application form to naraharisastry_ece@cbit.ac.in or hemanireddy@gmail.com and for any queries contact the workshop coordinators.