

**Pre Conference Workshop on
Machine Learning and its
Applications : Theory and Hands on
3rd January, 2018**

REGISTRATION FORM
(Use Xerox copies if Necessary)

1. Name : _____
2. Designation : _____
3. Qualification : _____
4. Department : _____
5. Name of the Affiliating Institute: _____

6. Phone No. : _____
7. Email : _____
8. Address for Communication _____

Signature of Applicant

SPONSORSHIP

*Mr./Ms./Dr. _____ is an
employee of our Institution and is hereby sponsored.
He/she will be permitted to attend the programme, if
selected.*

Place:

Date:

**Signature of Head of Institution
With seal**

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Chairman, SVET

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Program Advisor
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Professor and Head, Dept. of CSSE

Convener
Dr. M. Naresh Babu
Associate Professor, Dept. of CSSE

Coordinators
Mr. B. Rakesh, Assistant Professor of CSSE
Mr. B. D. Kalyan Kumar, Assistant Professor of CSSE

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**Second International Conference on
Cognitive Science and Artificial
Intelligence**

**Pre Conference Workshop on
Machine Learning and its
Applications : Theory and Hands on
3rd January, 2018**

website : www.iccsai.info



Organized by

DEPARTMENT OF COMPUTER SCIENCE AND SYSTEMS
ENGINEERING

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(Autonomous)

Affiliated to JNTUA, Anantapuramu,
Accredited by NAAC 'A' grade
Sree Sainath Nagar, Tirupati
Chittoor Dist. – 517 102 A.P.
Ph: 0877 - 2236711 Ext. 421
Web site: www.svec.education

About The College

- ❖ The college was established in 1996 by Sree Vidyanikethan Educational Trust under the stewardship of Dr. M. Mohan Babu, renowned film artiste and former Member of Parliament (Rajya Sabha).
- ❖ Approved by AICTE, New Delhi and permanently affiliated to Jawaharlal Nehru Technological University Anantapur, Anantapuramu.
- ❖ The college is conferred 'Autonomy' by University Grants Commission (UGC), New Delhi in 2010.
- ❖ Awarded 'Colleges with potential for Excellence(CPE)' by UGC, New Delhi under XII Plan period UGC-CPE scheme.
- ❖ The college is accredited with "A" grade by NAAC.
- ❖ Offers B.Tech Program in 08 disciplines, M.Tech Program in 07 specializations and MCA.
- ❖ Extensive Computing facilities with more than 2000 computers.
- ❖ Centrally Air-Conditioned Auditorium, e-class rooms and Seminar Halls.
- ❖ Selected for participation in TEQIP-II under Sub Component 1.1: Strengthening Institution to improve learning outcomes and employability of graduates with a grant of Rs. 4 Crores. An additional fund of Rs. 2 crores obtained as one of the best performing Institutions.
- ❖ MoUs with 20 Industries/Institutions including IIT-Hyd, IITM-QEEE, CII-Hyd & ISB-Hyd.
- ❖ Vibrant placements for both UG and PG.

Route: 15 km from the temple town of Tirupati on Tirupati-Madanapalle National Highway No. 205.

Courses offered:

The college offers B.Tech programs in CSSE (120), CSE (240), IT (120), EEE (240), ECE (240), EIE (120), CE (120), ME (180). The college also offers MCA and M.Tech in CS, CNIS, SE, EPS, DECS, VLSI, PED and CMS.

Dept of Computer Science and Systems Engineering

The Department was established in the year 1999 with a modest intake of 40. The intake was increased to 60 in the year 2002 and 120 in the year 2012. The Department got accredited by NBA in 2014 under OBE for three years. The Department has well qualified and experience faculty. In every Academic Year about 80% of eligible students are placed in different organizations both in national and multi-national companies. To keep abreast of latest technologies, the Department organizes various Guest Lectures, Seminars and Workshops by inviting eminent people from Academia and Industry. Department has its distinguished Alumni in National, Multinational, Government and Public sector units.

Objective of the Workshop:

The main objective of this workshop is to share knowledge about the state-of-the-art machine learning methods that contribute to modelling high-level cognitive capabilities in robotics, and to exchange views among cutting-edge robotics researchers who are interested in adaptive high-level cognitive capabilities in robotics. This workshop introduces several fundamental concepts and methods for machine learning.

Outcomes of the FDP:

1. Understand components of a machine learning algorithm.
2. Understand how machine learning uses computer algorithms to search for patterns in data
3. How to uncover hidden themes in large collections of documents
4. How to use data patterns to make decisions and predictions
5. How to prepare data, deal with missing data and create custom data analysis solutions for different industries.
6. Basic and frequently used algorithmic techniques including sorting, searching, greedy algorithms and dynamic programming
7. Apply machine learning tools to build and evaluate predictors.

Topics that will be covered in the Workshop are

- ❖ What is Machine Learning
- ❖ Brief history of ML
- ❖ Relation to other emerging technologies
- ❖ Applications of ML
- ❖ Introduction to R
- ❖ Data Manipulation in R
- ❖ [Hands-on] Predictive Modeling using Machine Learning in R
- ❖ [Hands-on] Formalizing your own ML problem

Resource Persons :

Dr. Naresh Manwani, Assistant Professor, IIIT Hyderabad.

Dr.M.Naresh Babu, Assoc.Professor,SVEC.

Eligibility:

Faculty from AICTE Approved Colleges

Registration:

The filled in registration form is to be submitted (through mail id or hard copy-**convener@iccsai.info**) to the department of CSSE on or before 28-12-2017.

General Information:

- ❖ Selection will be on first come first served basis upto 50 participants only.
- ❖ Certificates will be issued to all the participants only if they attend all the sessions.
- ❖ No TA/DA will be provided for attending the programme. Participants will have make their own accommodation arrangements.
- ❖ No Registration Fee.
- ❖ Working Lunch and Snacks will be provided.
- ❖ Separate Registration is compulsory for the conference.
- ❖

Important Dates:

- ❖ **Registration closes by** : 28th December, 2017
- ❖ **Intimation of Selection** : 29th December, 2017 (Through E-mail)
- ❖ **Programme Dates** : 3rd January, 2018

Contact:

1. Mr B Rakesh, Assistant Professor

2. Mr.B.D. Kalyan Kumar, Assistant Professor

Department of Computer Science and Systems Engineering

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