

About IEI – Solapur Local Centre

IEI Solapur Local Centre is established on 22nd August 2010 with 607 corporate members attached to it. Total 9 Student Chapters are working under IEI-SLC at Engineering & Polytechnic Colleges. Technician & Sr. Technicians are guided for form submission attestation & support. Members, students can avail study material & library facility at local centre.

About Institute

- Sinhgad Institution was established with objective to provide quality education from school to post graduate programmes in all disciplines.
- SPSPM's SKN Sinhgad College of Engineering, Pandharpur is established in year 2010 with objective of imparting quality technical education.
- Institute is approved by AICTE, New Delhi, Recognised by DTE, Mumbai, Affiliated to Solapur University, Solapur and Accredited by NAAC 'A' Grade.



CHIEF PATRON

Prof. M. N. Navale	President, SPSPM
Dr. (Mrs.) Sunanda M. Navale	Secretary, SPSPM
Mr. Rohit M. Navale	Vice President (HR)
Ms. Rachana M. Navale	Vice President (Admin)

PATRON

Dr. K. J. Karande	Principal SKN, SCOE Pandharpur
Prof. N. M. Sawant	Head, CSE Department
Er. Dr. S. S. Patil	Chairman, IEI-SLC
Er. P. K. Magadam	Honorary Secretary, IEI-SLC

ADVISORY COMMITTEE

Dr. C. P. Pise , HOD, Civil Dept.
Dr. S. S. Kulkarni , HOD, Mech Dept.
Prof. S. P. Ganjewar , HOD, Electrical Dept.
Prof. S. V. Surwase , HOD, E&TC Dept.
Prof. A. I. Nikam , HOD, General Science Dept.
Prof. S. V. Pingale , Advisor, 413304/SKNS/CS

COORDINATOR

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CONVENER

Prof. R. A. Takalikar, Asst. Prof., CSE Department

ORGANIZING COMMITTEE

Prof. A. A. Rajguru	Prof. P. R. Gadekar
Prof. V. G. Chavan	Prof. R. B. Parihar
Prof. S. V. Koratkar	Prof. B. M. Kore

FOR REGISTRATION DETAILS

Prof. R. A. Takalikar : 9765101510
Mr. Amol Deshmukh (IEI Rep.) - 9764200502



One Day Workshop On

“Machine Learning and Deep Learning” (Saturday, 24th August 2019)

Organized by

The Institution of Engineers (India)
SOLAPUR LOCAL CENTRE

In association with

Department of Computer Science &
Engineering
“SKN SINHGAD COLLEGE OF ENGINEERING”
Pandharpur



Savitribai Phule Shikshan Prasarak Mandal's

**SKN SINHGAD COLLEGE OF
ENGINEERING**

Accredited by NAAC 'A' Grade

A/P: Korti Tal: Pandharpur Dist.: Solapur-413304.
Office No:- 02186250146
Email:- principal@sknscoe.ac.in
Website:- www.sknscoe.ac.in

About Department

The department of Computer Science & Engineering (CSE) of SPSPM was established in 2010. The department offers a 4 year B. Tech course in Computer Science & Engineering. The CSE department has highly qualified faculty and has excellent state of art hardware and software with highly qualified faculty. Department have 10 computer labs equipped with latest computer machines, printers, scanners and genuine copies of latest software's. Students of department have been securing top ranks in Solapur University examination. The departmental research is focused in the area of Artificial Intelligence, parallel & distributed processing, Network security, Image processing, bio informatics. Department conducts value added program for students.

Workshop Contents

- Introduction to Machine Learning: Explanation with coding example.
- Supervised Learning: Includes its algorithms and their applications in classification and regression problems.
- Unsupervised Learning: Includes how to apply machine learning for no target dataset.
- The standard dataset will be used for explanation.
- Deep Learning: Basics, convolution NN, RNN.
- Reinforcement Learning:
It is useful in game playing agent and robotics as they deal with performance based on the outcome of certain action rather than the action itself.
- Implementation as Lab Programming:
(Might be in R, Python or MATLAB/Octave or Weka)

Benefits to Participants

- Participants will learn the supervised and unsupervised learning with algorithms.
- They will be able to work with standard dataset to apply machine learning.
- Participants will understand deep learning and they can use the concepts of convolution NN and RNN.
- The workshop includes the hands on session to explore the concepts better.

Schedule

Sr. No.	Time	Event
1	09:00 to 09:15	REGISTRATION
2	09:15 to 09:30	INAUGURATION
3	09:30 to 11:00	SESSION - I
4	11:00 TO 11:15	TEA BREAK
5	11:15 TO 01:15	SESSION - II
6	01:15 TO 02:00	LUNCH BREAK
7	02:00 TO 04:00	SESSION - III
8	04:00 TO 04:15	TEA BREAK
9	04:15 TO 05:00	CONCLUDING SESSION
10	05:00 TO 05:10	VALEDICTORY FUNCTION

Resource Persons

Mr. Santosh Deshmukh, Success Vision Softech, Pune

Mr. Amrendra Kumar, Success Vision Softech, Pune

Mr. Jignesh Sisodiya, Sardar Patel COE, Mumbai

Mr. Vikas Kadam, SIT, Lonavala

Registration Fee

For Non IEI Participants: Rs. 150/-

For IEI Members Fees is: Rs. 100/-

Important Date

Last Date for Registration: 23rd Aug. 2019



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(Saturday, 24th August 2019)

Registration Form

Name: _____

Department: _____

Institute: _____

Postal Address: _____

Mobile No.: _____

Email ID: _____

Registration Amount: _____

Date: _____ Place: _____

Sign of Participant: _____

NOTE: Please bring your laptops for the hands-on session.