



ABOUT THE INSTITUTE

TKIET was established in the year 1983 and managed by Shree Warana Vibhag Shikhan Mandal (SWVSM). The Institute is approved by AICTE, New Delhi and affiliated to Shivaji University, Kolhapur. The Institution is the realization of the vision of our leader late Shri Tatyasaheb Kore to cater Quality Engineering education to the students. The college hoisted in a green valley of Warananagar at the footsteps of Deccan Hills with the divine blessings of Lord Jyotirling and Goddess Mahalaxmi. The Institute is committed to produce all round engineers to drive the country through the 21st century. The Institute offers five (5) UG Programmes with intake 480 at First Year Engineering Level, 180 at Direct Second Year and four (4) PG Programmes with intake of 76. All the UG Programmes have been accredited by the National Board of Accreditation (NBA), New Delhi, twice. Currently, we are undergoing the process of Accreditation by National Assessment and Accreditation Council (NAAC), Bengaluru. Also, the Institute has received ISO 9001-2000 certification.

ABOUT THE DEPARTMENT

The Department of Computer Science and engineering is synergistic product of many proactive minds which was started as an independent department in the year 1999, Department is known for it's excellent results and student placements. The department has qualified and experienced faculty engaged in teaching and research. A Team CSE with Teaching and technical staff members unanimously harnesses it's potential in all aspects to take the department to greater heights. The Department has awarded in top 20 by PLATINUM award in AICTE CII Survey in academic year: 2017-18. The aim of the department is to provide our students the lifelong learning and leadership skills.

Chief Patron

Hon'ble Dr. Vinayraoji Kore

Chairman , SWVSM, Warananagar.

Patron

Hon'ble Dr. Vasanti Rasam

Administrative Officer, SWVSM, Warananagar.

Principal

Hon'ble Dr. S.V. Anekar

T.K.I.E.T., Warananagar.

Convener

Prof. A. G. Patil

Head Dept. of Computer Science & Engineering

FDP Co-ordinator

Prof. S.R. Shetake
Prof. S. A. Urabinahatti

Organizing Committee

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- Prof. D.B. Mirajkar
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- Prof. A.T. Sonale
- Prof. V.B. Biradar

Contact Details

- Mobile : 8379951800 (Prof. Sachin . A. U.)
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Shree Warana Vibhag Shikshan Mandal's



TATYASAHEB KORE INSTITUTE OF ENGINEERING
AND TECHNOLOGY, WARANANAGAR



THREE DAYS
FACULTY DEVELOPMENT PROGRAMME
ON

"Machine Learning Using Python"

Under Lead College Activity

18th to 20th March , 2019

IN ASSOCIATION WITH



Organized By -

Department of

Computer Science and Engineering

**TATYASAHEB KORE INSTITUTE OF ENGINEERING
AND TECHNOLOGY, WARANANAGAR**

Tal. Panhala , Dist. Kolhapur - 416 113 . Maharashtra.

Tel . : 0228-224012/224013 Extn. (CSE) : 115

Website : <http://www.tkietwarana.org>



ABOUT WORKSHOP-

Machine learning is the science of getting computers to act without being explicitly programmed. In the past decade, machine learning has given us self-driving cars, medical diagnosis, practical speech recognition, effective web search, and a vastly improved understanding of the human genome. Machine learning is so pervasive today that you probably use it dozens of times a day without knowing it.

This workshop will explore a broad introduction to artificial intelligence and machine learning. Topics include: (i) Introduction and Applications of machine learning (ii) Machine learning algorithms (classification, regression and clustering). (iii) Standard datasets for machine learning research (iv) Exploring python and machine learning tools. The workshop will also draw from numerous case studies and applications, so that you'll also learn how to apply learning algorithms to building smart robots (perception, control), text understanding (web search, anti-spam), computer vision, medical informatics, audio, database mining, and other areas.

Contents:

- Python Programming
- Introduction to Machine Learning
- Pre-requisites of Machine Learning
- Machine Learning Initiation
- Machine Learning Algorithms
 - ✓ Linear Regression
 - ✓ Multi Linear Regression
 - ✓ KMeans Clustering

SCOPE AND OBJECTIVE:

This workshop will explore knowledge about Python and Machine learning tools.

Also help to apply learning algorithms to building smart robots (perception, control), text understanding (web search, anti-spam), computer vision, medical informatics, audio, database mining, and other areas

Resource Person:

Tushar B. Kute

Researcher, MITU Skillologies, Pune

Aniket Thorave

Trainer, MITU Skillologies, Pune

REGISTRATION FEES

Academician or Industry person : Rs. 800/-

IMPORTANT DATES

- Last Date of Registration : 16th March 2019
- Workshop Dates : 18th to 20th March 2019
- Participation of two Candidates per College under lead college cluster is free
- Registration is based on FCFS and limited to 40 Seats
- Participants can Register by sending Scanned Registration form Sealed and Signed by the Authorities to sandip_shetake@tkietwarana.ac.in

**Three Days Workshop on
"Machine Learning Using Python"
(18th March to 20th March , 2019)**

REGISTRATION FORM

Name :

Designation :

Institution :

Mobile :

Email :

Address for Correspondence

Postal :

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Signature of Applicant:

Seal & Signature of Sponsoring Authority