About SITCOE:-

It is matter of great pride and privilege to introduce our Institute. Shri. Shamrao Patil (Yadravkar) Educational & Charitable Trust's, Sharad Institute of Technology, College of Engineering, Yadrav (Ichalkaranji). SITCOE is an Autonomous Institute, NBA accredited programs and NAAC 'A' grade Technical institution in the State of Maharashtra. SITCOE has been established in the year 2009 with a view to "Build a Bright Future" for the young people of the Rural part of our Country. The College is approved by AICTE, New Delhi, recognized by Govt. of Maharashtra i.e. DTE, Mumbai and affiliated to DBATU Lonere.

About Department:-

The department of Electronics and Computer Engineering (ECE) has started by the Institute from A.Y. 2020-21 with a UG program of intake capacity of 120.The Department of Electronics and Computer Engineering (ECE) is an interdisciplinary field that combines principles of electronics, computer science, engineering to design, develop, and optimize modern computing and electronics systems.The department of Computer Science Engineering (CSE) has started by the Institute from A.Y. 2009-10 with a UG program of intake capacity of 180. The Department of Computer Science and Engineering (CSE) focuses on the design, development, and optimization of computing systems, software, and algorithms. It combines theoretical foundations with practical applications in various domains like artificial intelligence, cybersecurity, and data science.The department of Artificial Intelligence and Data Science Engineering (AI&DS) has started by the Institute from A.Y. 2020-21 with a UG program of intake capacity of 60.

The Department of Artificial Intelligence and Data Science (AI & DS) Engineering focuses on developing intelligent systems, analyzing large datasets, and leveraging machine learning for real-world applications. This field blends computer science, mathematics, and domain-specific knowledge to solve complex problems using AI-driven technologies.

About Workshop:

Join us for an insightful Faculty Development Program (FDP) focused on the latest advancements in Electronics & Computer Engineering, Artificial Intelligence, and Data Science. This FDP aims to bridge the gap between academia and industry by covering key topics such as Machine Learning, AI-driven automation and Deep Learning. Participants will gain hands-on experience in Machine Learning, Deep Learning. The program will also explore Machine Learning key architectures, training methods, applications and challenges to equip faculty with industry-relevant skills. Sessions will be conducted by renowned experts and industry professionals, ensuring a rich learning experience. This FDP is designed for faculty members, researchers, and professionals seeking to enhance their expertise in these rapidly evolving fields. Interactive workshops, real-world case studies, and practical sessions will provide a comprehensive understanding of emerging technologies.

Course Objectives:

1. Understand core concepts of ML and DL, including algorithms, architectures, and learning paradigms.
2. Cover key supervised and unsupervised learning techniques such as regression, decision trees, SVM, clustering, and ensemble methods.
3. Explain the structure and working of artificial neural networks (ANNs), including CNNs, RNNs, and Transformers.
4. Provide practical sessions on implementing ML/DL models using Python, TensorFlow, PyTorch, and Scikit-Learn.
5. Showcase ML/DLand AI applications in healthcare, finance, robotics, NLP, and computer vision.

Course Content:

Module 1: Introduction to Machine Learning and AI

Module 2: Supervised and Unsupervised Learning

Module 3: Deep Learning Fundamentals

Module 4: Convolutional Neural Networks (CNNs)

Module 5: Recurrent Neural Networks (RNNs) & NLP

Module 6: Advanced Deep Learning Techniques

Module 7: Model Evaluation & Optimization

Module 8: Hands-on Practice & Industry Applications

Eligibility and Selection Criteria:

Faculty members/Research Scholars from AICTE approved Engineering Degree colleges are eligible to participate, Industrial person.

Registration Fees: Nil

-Venue-
CCF Lab, SITCOE, Yadrav
Address: Gat No. 525, 473/A Behind Omkareshwar Temple, Yadrav, Kolhapur District, Ichalkaranji,

Registration Form

One week Faculty Development program

"Bridging Research and AI: Methodological Advances in ML and DL"

From 10th November to 15th November, **2025**

Organized by

DEPARTMENT OF ECE, CSE and AI &DS ENGINEERING

Name :_____

Qualification:_____

Designation:_____

Department:_____

Address for correspondence:

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Mobile No.:

Email ID :

Sign. of participant:

Seal of Institute with
Sign. of Head of Department

Chief Patrons

Hon. Dr. Rajendra Patil (Yadravkar)
Chairman,
Shri. Shamrao Patil (Yadravkar) Educational & Charitable Trust,
Hon'ble Ex. Minister of State of Public Health and Family Welfare, and member of Maharashtra Legislative Assembly.

Hon. Shri. Anil A. Bagane
Executive Director,
Shri. Shamrao Patil (Yadravkar) Educational & Charitable Trust

Patrons

Dr.B.B.Sangame (I/C Principal)

Advisors

Dr. S. V. Kumbhar (Dean, Academics)

Mr. K. A. Kupade (Dean, IIPC)

Dr. S. S. Patil (Dean, Students affairs)

Mr.G.V.Pujari (Dean,Faculty Development)

Dr. Sukanta Debnath (Dean, R&D)

Mr.A.B.Jadhav (Dean, T&P)

Convener

Dr. P. S. Patil (Head, Electronics and Computer Engineering Department.)

Dr. Shashidhar S. Gurav (Head, Computer Science and Engineering Department)

Dr. Amit J Chinchwade (Head,Artificial Intelligence and Data Science)

Organizing Committee

Mrs V A Jujare (Coordinator)

Ms B K Jagtap (Coordinator)

Mr.Pravinkumar Karve (Coordinator)

Shri. Shamrao Patil (Yadravkar) Educational & Charitable Trust's

SHARAD INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING YADRAV
(ICHALKARANJI)
(An Autonomous Institute)
"NBA Accredited Institute", "A grade accredited by NAAC", An ISO 9001:2015 Accredited Institute

AICTE ATAL Approved

One Week Faculty Development program On

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On

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ECE, CSE and AI&DS ENGINEERING