About Institute

BSIET, established in 2009, is a pioneering institution where engineering and technology converge to address real-world challenges. Rooted in the founding motto of Theory and Practice, we strive to impart the latest knowledge in engineering and technology, focusing on its societal impact and improving quality of life. Recognized by All India Technical Education-New Delhi and affiliated with the Maharashtra State Board of Technical Education, our academic programs span across diploma, bachelor's fostering the growth of innovators, inventors, entrepreneurs, and leaders.

In 2023, we marked a significant milestone with the inauguration of our engineering college. Affiliated with D.BATU Lonere, this new venture offers Bachelor of Technology (B.Tech) programs with specializations including Artificial Intelligence and Machine Learning (AIML), Computer Science & Engineering(CSE), Electrical Engineering, and Electronics and Telecommunication Engineering. This expansion underscores our commitment to providing cutting-edge education aligned with industry demands, empowering students with the skills and knowledge to thrive in today's dynamic technological landscape.

Situated amidst the vibrancy of a bustling city, BSIET's 5-acre campus offers a convenient central location, providing easy access to urban amenities and nearby industrial areas. Our dedicated faculty, engaged in world-class research,work closely with students, offering countless opportunities for hands-on learning and problem-solving. Through project-based learning and a commitment to excellence in teaching and learning, we prepare our students not only to excel academically but also to make a tangible difference in the world through engineering and technology.

Who Can Participate?

The faculty members from degree or diploma engineering institutes FDP will be conducted through online mode using Google Meet E-certificates will be provided after successfulcompletion of FDP (Registration,attendance, & feedback is compulsory)

Registration fees   : 100/-

Last Date for Registration : 21 October 2024

Chief Patron

HON. PRIN. ABHAYKUMAR G. SALUNKHE

Chairman, Shri Swami Vivekanand Shikshan Sanstha, Kolhapur

Patron

HON. PRIN. SOU. SHUBHANGI M. GAWADE

Secretary, Shri Swami Vivekanand Shikshan Sanstha, Kolhapur

Patron

HON. SHRI. KAUSTUBH M. GAWADE

CEO, Shri Swami Vivekanand Shikshan Sanstha, Kolhapur

Convener

MR. VIREN D. BHIRDI
Director, BSIET, Kolhapur

DR. SUHAS G. SAPATE
Principal, BSIET, Kolhapur

Chief Coordinator

Mr. A. A. Paritekar
Head of Department,
AIML Engineering

Mr. S. A. Mujawar
Head of Department,
Computer Engineering

Coordinator

Ms. N. D. Mane
Lecturer, AIML Engineering

Ms. S. A. Patil
Lecturer, Computer Engineering

PAYMENT

REGISTRATION

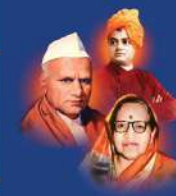## LIVE LIFE CLEANER, MAKE BSIET GREENER

Certificates will issued after submitting feedback form and test.

"ज्ञान विज्ञान आणि सुसंस्कार यानसाठे शिक्षण प्रसार"
–शिक्षण महर्षी डॉ.बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha's,

Dr. Bapuji Salunkhe Institute of Engineering & Technology

BSIET

2130, E' Ward, Tarabai Park, Kolhapur-416 003

MSBTE ACADEMIC MONITORING

RATING-VERY GOOD

BEST INTERNATIONAL PLACEMENTS

ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAM ON

Introduction to Machine Learning

21st Oct. to 26th Oct., 2024

Time: 3 pm to 5 pm [Online]

DEPARTMENT VISION

To develop competent and ethical computer engineers equipped with latest knowledge, problem solving skills for contributing in Artificial Intelligence for societal needs.

DEPARTMENT MISSION

M1- To impart quality education for building technological foundation through interactive teaching-learning process and activity based learning.

M2- To motivate and engage the students to practice programming and debugging skills for application development

M3- To interact with industry and enable students towards lifelong learning for pursuing higher studies.

M4- To imbibe ethical values, morality and spirituality to transform them into responsible citizens.

About Department

To provide latest engineering education and trending technologies to rural students, the department of Artificial Intelligence and Machine Learning (AIML) started in the year 2022 with an intake of 69 students. AI & ML department focuses on solving complex problems using intelligent techniques/ computer programs that makes machine think similar to human beings. The main applications of AI & ML is to develop smart machines in robotics, gaming platform, bio medical engineering, speech and image recognition and much more. AIML provides knowledge on programming, machine learning, data science, which enables students to develop AI/Deep learning-based computer system with current and industry knowledge.

About FDP

The Introduction to Machine Learning Faculty Development Program (FDP) aims to provide faculty with a fundamental understanding of machine learning concepts and applications. It covers key topics such as supervised and unsupervised learning, along with the necessary mathematical background. Participants will gain hands-on experience through practical sessions using tools like Python to develop machine learning models. The FDP is designed to enhance teaching and research capabilities, equipping faculty to apply machine learning in real-world scenarios. It also prepares them to integrate these techniques into their curriculum and research projects.

INSTITUTE VISION

To impart quality technical education with research aptitude for developing industry ready skilled professionals accelerating sustainable growth of the nation.

INSTITUTE MISSION

M1- To imbibe and implement outcome based education for providing sound technical foundation in mechanical engineering through effective teaching-learning process.

M2- To up bring critical thinking, research aptitude and problem-solving attitude in the mechanical engineering field among the students & teachers.

M3- To strengthen the industry interactions for upskilling the students and teachers so that they can solve real world problems for better internship & job opportunities.

M4- To sensitise all the stakeholders towards ethics, values, harmony, humanity & environment.

Resource Person:
Dr. Smriti Bhandari

➤ Senior Data Scientist and Head of Data Science at Autharva Inc. USA
➤ Former Professor and Head, Dept of CSE, ADCET, Astha Dist : Sangli
➤ Former Assistant Professor, Dept of CSE at Walchand College of Engineering, Sangli

Topics/Content

➤ Introduction to Machine Learning and its Applications, Mathematical Background of Machine Learning
➤ Supervised Learning, Regression and Models
➤ Supervised Learning, and Classification
➤ Unsupervised Learning
➤ Performance Evaluation
➤ Practical sessions to develop the solutions

Outcomes of FDP

Upon the successful completion of this FDP, the Participants will be able to :

➤ Identify the real world problems which can be solved using Machine Learning
➤ Apply fundamental knowledge to design solutions of simple and complex problems using Machine learning
➤ Develop python code for solving simple and complex problems using ML
➤ Analyse the performance of ML solutions using appropriate metrics

PLATFORM

Zoom Meet

TIME

03.00 PM to 05.00 PM

MAILING ADDRESS

Dr.Bapuji Salunkhe Institute of Engneering & Technology

2130,E Ward,Vivekanand College Campus,Tarabai Park,Kolhapur-416 003

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