

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 with or without ISTE Membership can register. FDP will be conducted through online mode using Google Meet. E-certificates will be provided after successful completion of FDP (Registration, attendance, & feedback is compulsory).

Registration link : <https://forms.gle/cPjXV2k85iPTmNQm9>

Registration fees : 100/-

Last Date for Registration : 8 February 2025

Experts: Experts from academia will deliver the interactive sessions

Chief Patron
HON. PRIN. ABHAYKUMAR G. SALUNKHE
Chairman, Shri Swami Vivekanand Shikshan Sanstha, Kolhapur
Patron
HON. PRIN. SOU. SHUBHANGI M. GAWADE
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DR. SUHAS G. SAPATE
Principal, BSIET, Kolhapur
Chief Coordinator
Prof. Mrs. A. M. Kate
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Prof Mrs. S. V. Jagtap
Head of Department of Computer engineering Email- computer@bsiet.org
Coordinator
Prof. Ms. S. R. Ghatare
Lecturer AIML, Engineering
Prof. Mr. S. K. Kumbhar
Lecturer AIML, Engineering

PAYMENT



REGISTRATION



SMARTER RESEARCH, FASTER INNOVATION

Certificates will be issued after submitting feedback form and test.



“शान विज्ञान आणि सुरक्षकार यांनांवै शिक्षण प्रसार”
-शिक्षण गटी च. बापुजी यात्र्ये

Shri Swami Vivekanand Shikshan Sanstha's
Dr. Bapuji Salunkhe
Institute of
Engineering &
Technology

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

**MSBTE ACADEMIC MONITORING
RATING-VERY GOOD**

BEST INTERNATIONAL PLACEMENTS



ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAM ON
**Recent Trends and Applications
of Digital Image Processing**

09th feb. to 13th feb., 2025

Time : 3 pm to 5 pm |Online|



INSTITUTE VISION

To be the institute of quality engineering education and research for producing capable industry professionals with responsibilities towards nation building.

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.

LIVE LIFE CLEANER, MAKE BSIET GREENER

ORGANIZING DEPARTMENT AIML & COMPUTER ENGINEERING

DEPARTMENT VISION

Creating a sense of competence and social responsibility among engineers working in the area of Artificial Intelligence.

DEPARTMENT MISSION

- **M1**-To impart quality AI education through experiential-based effective teaching-learning mechanism. (Quality Education in OBE Process)
- **M2**-To instill analytical power, and problem-solving attitude through wide variety of machine learning tasks (Critical Thinking and Research Skills)
- **M3**-To equip the students with industry-preferred built in libraries and APIs through real world application projects for internship and job opportunities, (Industry Professionals, Skilling)
- **M4**-To imbibe a lifelong learning spirit among students and staff for nurturing sustainable society and environment through social and Outreach activities. (Sensitizing towards Nation Building)

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



**Resource Person:
Mr. Viraj Chavan**

Founder & CEO at Wbsight works
Co-founder & senior instructor at Excel
computers
Web developer intern at Zenox tec

About FDP

The institute successfully organized a Faculty Development Program (FDP) on Image Processing to enhance the technical and research capabilities of faculty members and research scholars. Hence, to cater to academicians, researchers and industry needs, dept. of AIML Engg. Of BSIET, Kolhapur is offering a five days online FDP on Image Processing for faculty and research Scholar form 9 feb to 13 feb 2026. The FDP aimed to strengthen understanding of digital image fundamentals and modern image processing techniques. Sessions covered topics such as image enhancement, filtering, segmentation, and feature extraction. Expert resource persons discussed real-world applications of image processing in fields like medical imaging, computer vision, and automation. The program included hands-on sessions using relevant software tools to provide practical exposure. Participants were introduced to recent trends and research opportunities in image processing. The FDP emphasized the integration of theory with practical implementation. Overall, the program enriched participants' knowledge and improved their teaching and research effectiveness.

Topics/Content

Day-1:
Introduction to Image Processing

Day-2:
Image Enhancement in Spatial Domain and Frequency Domain

Day-3:
Image Compression and Image Segmentation

Day-4:
Image Restoration

Day-5:
Writing a Research article

Day-6:
Image Analysis

Outcomes of FDP

Upon the successful completion of this FDP the partipants will be able to

1. Explain concepts of digital image processing.
2. Elaborate image processing techniques to enhance image quality.
3. Identify image compression and segmentation techniques.
4. Use image restoration techniques
5. Identify image processing techniques for feature detection

PLATFORM

Google Meet

TIME

03.00 PM to 05.00 PM

MAILING ADDRESS

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