



AKHIL BHARATIYA MARATHA SHIKSHAN PARISHAD'S ANANTRAO PAWAR COLLEGE OF ENGINEERING & RESEARCH



NEWSLETTER 2023-24 (SEM-I)

Vision

Committed to comprehensive development of students through quality technical education.

Mission

1. To Provide state of art infrastructure that shall create ambience to encourage novel ideas, research activities and consultancy services
2. To inspire students in creation & entrepreneurship
3. To create future technocrats with intelligence, technical skills,& good ethical moral values so as to serve needs of society & industries
4. To provide healthy Teaching-Learning environment that will cultivate contemporary research activities, innovations & inventions
5. To develop Center of excellence in technical education

E&TC

Goal of Institute

- Imparting quality engineering education
- Provide healthy environment for physical, intellectual, emotional and spiritual growth of students and staff.
- Create aesthetically sensitive, socially committed and technologically competent Engineers.



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OUR INSPIRATION

Hon. Shri. Sharadchandra G. Pawar

President-Akhil Bharatiya Maratha Shikshan Parishad





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OUR OF VISIONARY LEADERS



Hon. Shri. Ajit A. Pawar
Vice President



Hon. Shri. Shashikant S. Sutar
Vice President



Hon. Mrs. Pramila B. Gaikwad
General Secretary



Hon. Shri. Sandeep S. Kadam
Joint Secretary



Hon. Adv. Bhagwanrao B. Salunke
Joint Secretary



Hon. Shri. Vijaysinh Y. Jedhe
Treasurer



E&TC DEPARTMENT

VISION

To strive students for affirming quality through innovation in technical education.

MISSION

1. To contribute in magnified education that enumerates and accomplishes brilliance in teaching learning process and innovation.
2. To create passion amongst students for contributing to research by providing industry exposure.
3. To inspire students and faculty by providing them various opportunities with industry oriented learning
4. To develop professional attitude, moral and ethical values among students for society

PROGRAM SPECIFIC OUTCOMES (PSO)

1. Analyze and design electronic circuits and machines for a given specification and function.
2. Simulate and implement functional blocks of hardware and software designs for applications using signal processing, Communication, Computer network and Control systems.
3. Analyzing social awareness and professional ethics to have successful career and to sustain passion and zeal for real world applications as an entrepreneur.

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

- PEO 1 - Core Knowledge - To design & develop solid foundation of E&TC engineering to solve technical problems.
- PEO 2 – Placement and Higher Education - To design an ability to competent with strong technological Knowledge to solve industrial problems and make successful career in higher studies.
- PEO 3 - Professional capability - To empower graduates for good communication soft skills and ethics to Work in multidisciplinary fields.



PROGRAM OUTCOMES (PO)

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations..
4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.



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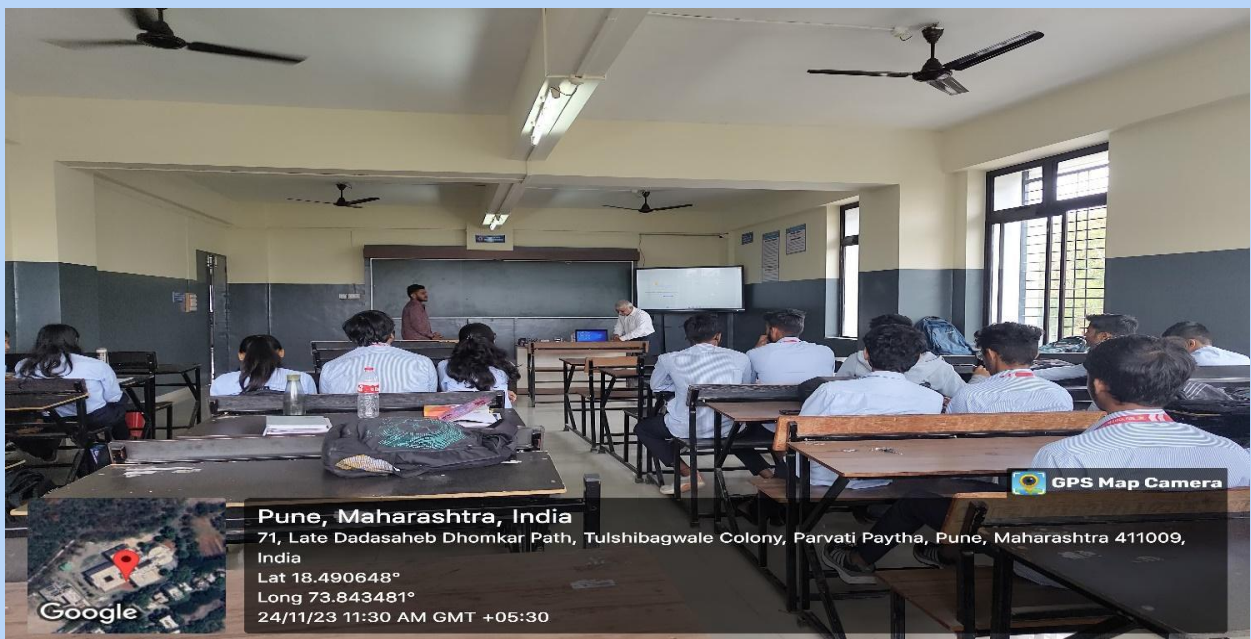
Workshops, Sessions and Add-On Courses:

Name Of the Workshop: "Industrial automation on PLC"

Date of Event: 22/11/2023 & 24/11/2023

Time of event: 11:15 A.M. - 1:15 P.M.

Name of resource Person/ Speaker: Mr. Shriram Pendse, Director, PMP Automation Pune.





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Guest Lecture:

Name Of the Topic: “Maxwell’s Equations” of the subject Electromagnetic Field Theory (EMFT).

Date of Event: 18/10/2023

Time of event: 11:15 AM

Name of resource Person/ Speaker: Prof. Swapnil Mali, Assistant Professor, E&TC Department, COEP, Technological University, Pune.





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Industrial Visit:

ZTTC, BSNL

Name Of The Company: ZTTC, BSNL, Chinchwad, Pune.

Date of Event: 26/10/2023

Time of event: 11:00 AM

Event Co-ordinator: Prof. Prachi Upasani

Name of resource Person/ Speaker: Mr.Abdul Zumbar Pathan, JTO, ZTTC, BSNL





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BOS Member of E&TC Dr. Suresh Shirbahadurkar Visited our College

Date of Event: 05/07/2023

Time of event: 12:00 AM.



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Alumni Meet:

Alumni Meet of E&TC Department.

Date: 29/10/2023



NAAC PEER TEAM VISIT:



NAAC PEER TEAM visited our Department in November 2023.



NSS/SOCIAL ACTIVITIES

Voter Id Registration camp

Name Of The Camp: Voted ID Registration.

Date of Event: 26/10/2023

Time of event: 11:00 AM

Event Co-ordinator: Prof. Vaishali Bhimte.

Participants: People all over from Pune to registration for Voter ID





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Cleaning activity under Swacch Pune:





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FACULTY ACHIEVEMENTS:

E&TC Department HOD Dr. Soojey Deshpande sir got the best Professor of the Year 2023 by EDUCATION AWARD 2023.

हॅलो प्रभात



डॉ. सुजय देशपांडे 'एज्युकेशन आयकॉन' पुरस्काराने सन्मानित

पुणे : हॅलो प्रभात

काईट्स क्राफ्ट प्रोडक्शन यांच्यातर्फे विविध क्षेत्रात सर्वोत्कृष्ट कामगिरी करणाऱ्या व्यक्तींना सन्मानित करण्यात आले. यामध्ये शिक्षण क्षेत्रामध्ये बेस्ट प्रोफेसर ऑफ दि ईअर या विभागात सर्वोत्कृष्ट कामगिरीसाठी दिला जाणारा 'एज्युकेशन आयकॉन वार्ड २०२३' या पुरस्काराने अखिल भारतीय मराठा शिक्षण

परिषदेच्या अनंतराव पवार कॉलेज ऑफ इंजिनिअरिंग अँड रिसर्च महाविद्यालयातील डॉ. सुजय देशपांडे यांना सन्मानित करण्यात आले. डॉ. सुजय देशपांडे यांचे आउटकम बेस्ट लर्निंग, तांत्रिक कौशल्य, संशोधन कार्य, विविध परिषद, सेमिनारमधील सहभाग, नवीन टेक्नॉलॉजीचा वापर, अध्यापनात तंत्रज्ञानाचा वापर यामुळे त्यांना या पुरस्काराने सन्मानित करण्यात आले. या पुरस्काराचे नवी दिल्ली येथे

२३ सप्टेंबर २०२३ रोजी करण्यात आले. डॉ. सुजय देशपांडे यांना हे यश मिळवण्यासाठी महाविद्यालयाचे प्राचार्य डॉ. सुनील ठाकरे यांचे मार्गदर्शन लाभले. डॉ. सुजय देशपांडे यांना हा पुरस्कार मिळाल्याबद्दल अखिल भारतीय मराठा शिक्षण परिषदेच्या सरचिटणीस सी. प्रमिला गायकवाड व महाविद्यालयाचे प्राचार्य डॉ. सुनील ठाकरे तसेच सर्व विभाग प्रमुख यांनी अभिनंदन केले.

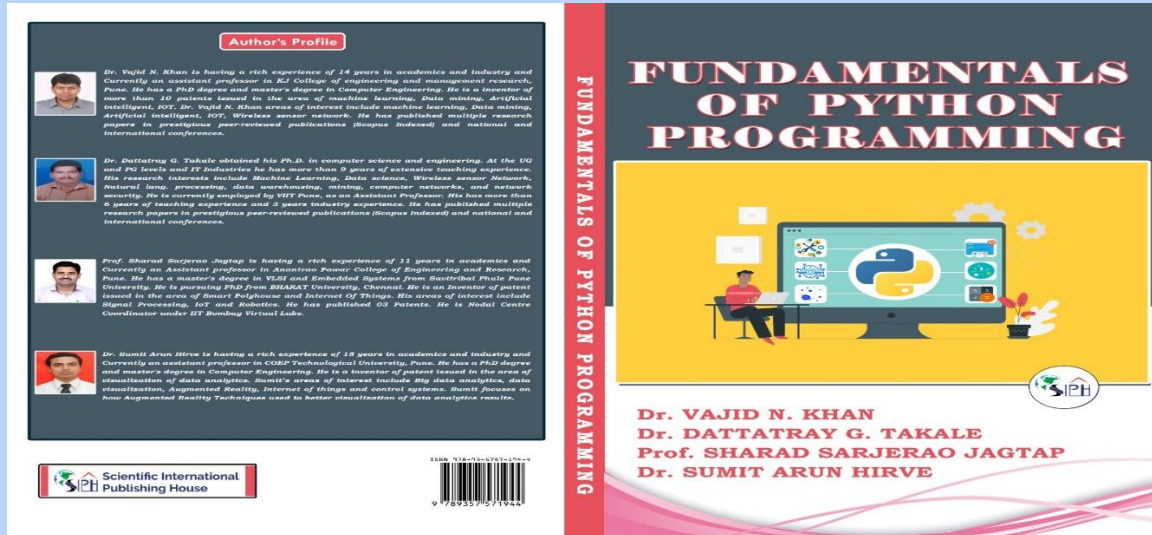




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E&TC Department Prof. Sharad Jagtap sir published his Book titled
“FUNDAMENTALS OF PYTHON PROGRAMMING” in July 2023.



E&TC Department Prof. Vaishali Bhimte got certified for the Red Cross society Counsellor



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STUDENT ACHIEVEMENTS:



E&TC Department students participated in Polyhouse Project.

Cultural and Sport Activities



Our Team got Runner up prize at YIN KALAMOHOTSAV from all Pune division in October 2023



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E&TC Department Students participated in marathon