|| न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ||
Dr. Vitthalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil College of Engineering Ahmednagar
Estt.1983
DTE College Code: EN-5161

DEPARTMENT OF CIVIL ENGINEERING

NEWSLETTER

VOLUME II

JUNE 2026

CIVIL ENGINEERING

Student Editors: Saurabh Gadade

Chief Editor: Prof A.U.Bhalerao

WHAT'S INSIDE

Events organized

Students Achievements

Industrial Exposure

Vision –

To deliver holistic and quality technical education that develops civil engineers with strong ethics, modern technical competence, multidisciplinary awareness, and leadership skills to contribute to the society.

Mission -

M1- To develop civil engineering graduates proficient with sustainable design principles, promoting eco-friendly solutions that address environmental challenges and resource conservation

M2- To cultivate professional competence and leadership in civil engineering graduates by integrating technical learning with real-world applications

M3- To empower graduates with a strong technical knowledge in civil engineering discipline and practical skills to meet global engineering challenges.

Program Educational Objectives

PEO1 :Engineer Graduates will able to apply fundamental and advanced civil engineering knowledge to, analyze, design and execute sustainable and eco-friendly projects.

PEO2 : Engineer Graduates will be able to exhibit leadership, effective communication, and teamwork skills in multidisciplinary environments for successful project management and execution

PEO3 : Engineer Graduates will be able to excel in professional practice by utilizing modern tools and innovative approaches to solve real-world civil engineering problems

PEO4 : Engineer Graduates will be confident to engage in higher studies, research, or entrepreneurship to adapt to emerging technologies

Program Specific Outcomes

PSO1: Engineering graduates will be able to apply principles of civil engineering to plan, analyze, and design sustainable, eco-friendly, and resilient infrastructure systems considering environmental and resource conservation aspects.

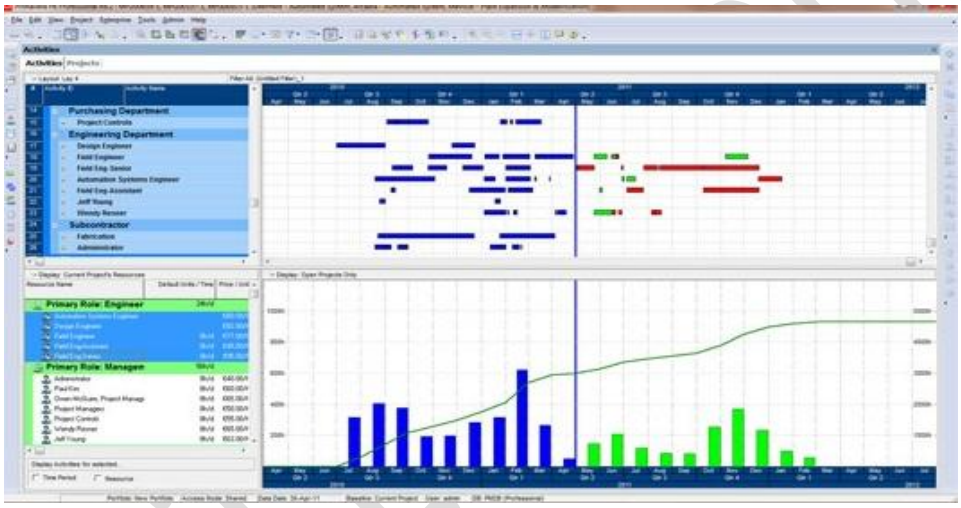
PSO2: Engineering graduates will be able to utilize advanced tools, technical knowledge, and practical skills to solve real-world civil engineering problems.

PSO3: Engineering graduates will be able to demystify professional skills for unremitting learning process to develop successful leaders and entrepreneur.

Civil Engineering

Project Management with Primavera

The modern incarnation sells itself as a tool to increase your efficiency when planning, which reduces the risk of schedule overruns. One way it purports to do this is by providing visibility into the work, so potential bottlenecks can be identified and resolved before they cause delays. It claims to work on projects of all sizes. There are a lot of project management software tools to choose from, and there are a few that truly seem to dominate the space, like Oracle's Primavera P6. Oracle Primavera P6 is a project, program and portfolio management tool that is used for planning, managing and executing your project work. It is designed to handle large and small projects in a number of diverse industries, such as construction, manufacturing, energy, and IT. It's been doing so for more than 30 years in projects across the globe.



Events Organized

Workshop on Python Programming - 22nd April – 25th April 2026

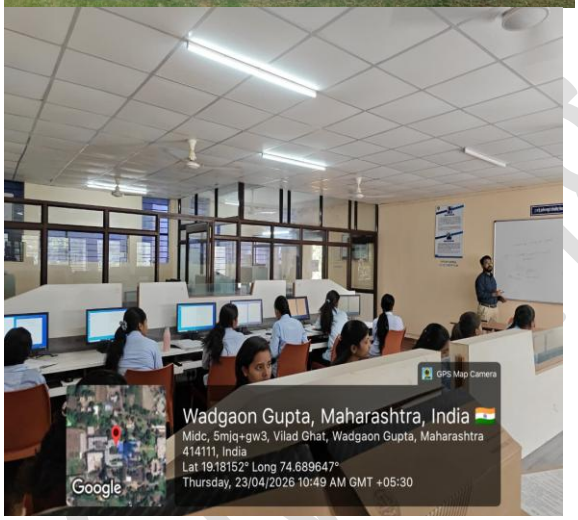
Python is a high demand versatile language used in automation and data analysis. Rohit Kokane, Alumnus of 2015 batch conducted workshop on "Python Programming" for SE Civil students. 39 students attended the workshop. Hands on training helped the students to learn Python faster. Rohit is a Structural Consultant & Trainer, MCAD Centre, Pune. Key benefits of this workshop are as following.

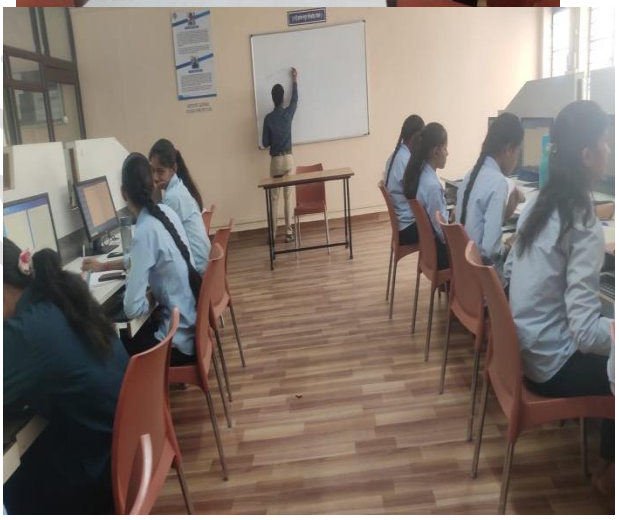
- Enhanced participants' understanding of Python programming fundamentals, syntax, and problem-solving techniques.
- Developed practical skills in coding, data handling, automation, and basic computational analysis.

- Enabled participants to apply Python for engineering, research, data analysis, and academic projects.
- Improved logical thinking, programming proficiency, and computational skills.
- Encouraged the use of open-source programming tools for innovative teaching, research, and project development.









Expert Lecture on "Applications in Structural Analysis"

An expert lecture was delivered by Dr. Swapnil D. Kurhade (Alumnus 2012), Assistant professor, PCCOE, Akurdi, Pune on 06/02/2026. Dr.Swapnil explained structural analysis of frames by portal and cantilever method with the help of suitable examples. Stdents got benefitted following areas.

- Enhanced understanding of advanced concepts and practical applications of structural analysis.

- Provided insights into real-world structural analysis techniques, methodologies, and design practices.
- Helped participants connect theoretical knowledge with practical structural engineering problems.
- Increased awareness of modern analytical tools, computational methods, and industry practices.
- Encouraged students and faculty to develop problem-solving, analytical, and research-oriented skills in structural engineering.









One Week Online Faculty Development Program on "Sustainability in Civil Engineering"
Department organized an online faculty development program on "Sustainability in Civil Engineering" from 21st April 2026 to 25th April 2026. The key benefits of the online Faculty Development Program on **"Sustainability in Civil Engineering"** can be stated as:

- Enhanced faculty knowledge of sustainable construction practices, green materials, and energy-efficient technologies.

- Improved understanding of environmental impact reduction, resource conservation, and sustainable infrastructure development.
- Enabled faculty members to incorporate sustainability concepts into teaching, curriculum, research, and projects.
- Promoted awareness of current trends, innovations, and best practices in sustainable civil engineering.
- Strengthened professional competence and encouraged collaboration and knowledge sharing among faculty members.

REGISTRATION FORM

Faculty Development Program (FDP)
On
"Sustainability in Civil Engineering"
(April 21 to 25, 2026)

Open for Academician, Research Scholar & Industry Persons
Registration Link:
https://forms.gle/SLTZaqJasZ9FqHCS6
QR Code

Whatsapp Group link
(for Further Communication):
https://chat.whatsapp.com/FrUiTs1fLF83NIAFQpSCQJ

For registration queries contact
Asst. Prof. A. A. Sengupta (8446614289)
senupta_civil@enggnagar.com



CHIEF PATRON
Prof. Dr. Dattatreyudu Nori (Padmashri Awardee)
Dr. Vithalrao Vikhe Patil Foundation, Ahilyanagar

PATRONS
Hon'ble Dr. Radhakrishna Vikhe Patil
Minister of Water Resources, Govt. of Maharashtra
Guardian Minister, Ahilyanagar District
Chairman, Dr. Vithalrao Vikhe Patil Foundation, Ahilyanagar
Hon'ble Sau. Shalinitai Vikhe Patil
Ex-President, Zilla Parishad, Ahilyanagar
Trustee, Dr. Vithalrao Vikhe Patil Foundation, Ahilyanagar
Hon'ble Dr. Sujay Vikhe Patil
Ex-Member of Parliament, Govt. of India
CEO, Dr. Vithalrao Vikhe Patil Foundation, Ahilyanagar

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Principal, Dr. Vithalrao Vikhe Patil College of Engineering, Ahilyanagar

CONVENOR
Dr. U. R. Kawade
HOD Civil Engineering

COORDINATOR
Prof. A. A. Sengupta
Assistant Professor

Dr. Vithalrao Vikhe Patil College of Engineering, Viladghat, Ahilyanagar
NAAC Accredited with Grade "A"
Faculty Development Program (FDP)
on
"Sustainability in Civil Engineering"
April 21 to 25, 2026
(Online Mode)

ORGANIZED BY
Department of Civil Engineering
Dr. Vithalrao Vikhe Patil College of Engineering Ahilyanagar– 414111

ORGANISING COMMITTEE

Dr. M. P. Wagh	Prof. S. N. Daule
Prof. P. B. Autade	Prof. P. K. Bhandari
Prof. P. V. Nimbalkar	Dr. A. H. Shirke
Prof. S. L. Asava	Prof. N. M. Mulik
Prof. D. S. Pathare	Prof. A. U. Bhalerao
Dr. N. D. Raut	Prof. A. A. Bhosale

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ABOUT DVVPCOE

Established in 1983 near the Ahilyanagar Industrial Area, the institute offers diverse undergraduate and postgraduate programs in engineering and technology. Accredited by NBA and NAAC (A+ Grade), the college emphasizes strong infrastructure, research, and industry-relevant learning. Institute is Affiliated to Savitribai Phule Pune University and approved by AICTE.

Vision

"To provide holistic and quality technical education that builds ethically responsible civil engineers with modern technical competence, eco-friendly mindset, strong communication skills, lifelong learning orientation, and leadership qualities for meaningful societal contribution."

Mission

- To promote infrastructural development through higher education, research, lifelong learning, and entrepreneurship in civil engineering.
- To develop ethical, competent, and socially responsible civil engineers with effective communication, leadership, and teamwork skills for sustainable growth.
- To foster socio-economic development through higher studies, research, and entrepreneurship incivil engineering.

ABOUT THE DEPARTMENT

The Department has highly qualified and experienced faculty members with strong commitments to engineering education and professional ethics. Department has well equipped laboratories with good-quality equipments to enhance quality education and Research.

ABOUT FDP

This Faculty Development Program (FDP) focuses on Sustainable Civil Engineering Practices, emphasizing eco-friendly design, resource efficiency, and resilient infrastructure. It aims to enhance faculty knowledge through expert sessions on innovative practices, durability issues, and eco-friendly approaches, enabling effective integration into teaching and research.

OBJECTIVES

- To introduce recent advances in sustainable construction practices.
- To understand modern and sustainable concrete materials.
- To promote eco-friendly construction practices.
- To encourage research and practical applications in civil engineering.

FDP DURATION

A five-day FDP between April 21 and25, 2026
Timings: 2.30 to 4.30 PM

WHO SHOULD ATTEND

Faculty members, staff, students of engineering colleges, research scholars, people from R&D sections, industry persons, etc.

CERTIFICATION CRITERIA

The attendance of each participant will be evaluated and based on their attentiveness in the session the FDP certificate will be issued online through E-mail.

REGISTRATION

Registration fees: No Registration Fees

EMINENT SPEAKERS

- Dr. Vidyanand M. Ranade, Secretary (retired), Water Resource Dept, Govt. of Maharashtra
- Dr. Avinash S. Garudkar Profesor and Head, Dept of Civil Engg, WALMI, Nashik.
- Dr. V.M. Nataraj Professor and Head, Dept of Civil Engg, GGSCOE, Nashik.
- Dr. S.V. Patankar Professor, Dept of Civil Engg, SRES, Kopargaon
- Prof. Prasad Nikam HOD, Dept. of Civil Engg, SCSMCOE, Nepti, A'nagar

**The detailed session plan will be shared on whatsapp Group*

FDP COORDINATOR

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ADDRESS FOR COMMUNICATION

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Email: hod_civil@enggnagar.com, +919284553506

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Industrial Exposure

Industrial visit of S.E. and B.E. students was organized to Mula Dam Rahuri, Dist. Ahilyanagar and to Kadamba Hydropower plant on 6th March 2026. Purpose of the visit was to have better understanding of the plant and its functioning.













Achievements of Faculty

Sr. No.	Name of the Faculty	Details of Achievement
1	Shirke Anirudh Harishchandra	Ph.D. Completed from Oriental University on 2-8-2025
2	Raut Navnath Dhanaji	Ph.D. Completed from Oriental University on 2-8-2025

Best Projects

Sr. No.	Name of the Students	Title of the Project	Name of the Project Guide
1	1.Divte Sanskruti 2.Gavande Sonali 3.Gadade Saurabh 4.Belge Krushna	Performance Evaluation of the Kamothe Sewage Treatment Plant, Panvel, Mumbai: Case Study in Urban Wastewater Treatment Plant	Dr.M.P.Wagh
2	1.Zanje Vaishnavi 2.Gudhekar Bhakti 3.Hajare Nilam	Partial replacement of cement using sugarcane bagasse ash to enhance the strength of concrete	Prof.P.K.Bhandari
3	1.Kale Ashwini 2.Adhav Akanksha 3.Pawar Sakshi	Enhancing mechanical properties of high-performance concrete using Nano-silica	Prof.P.V.Nimbalkar

Major Placements in the Department

Sr. No.	Name of the Student	Name of Company/Industry with location(place)
1	Diwate Sanskruti	KRM Construction, Ahilyanagar
2	Nagargoje Ankita	KRM Construction, Ahilyanagar
3	Gadade Saurabh Chagan	KRM Construction, Ahilyanagar

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4	Kale Ashwini	KRM Construction, Ahilyanagar
5	Hajare Nilam	KRM Construction, Ahilyanagar
6	Ghugarkar Prathamesh machhindra (2024-25)	K D Aher Building Systems Pvt Ltd. Mumbai
7	Gadade Saurabh Chagan	Structural Design Engineer, Godrej Pvt.Ltd., Pune
8	Hasnale Abhishek Ambadas (2024-25)	K D Aher Building Systems Pvt Ltd. Mumbai

Dignitaries Visited to the Department

Sr. No.	Name of the Dignitary/Guest/ renowned Personality visited to department	Designation & Company/ Organization name	Date of Visit	Reason of Visit
1.	Pote Ajay	Valuer and Real Estate Consultant	5-8-2025	Faculty Interaction
2.	Pagare Kiran	Sr. Manager, Reliance Corporate Park, Mumbai	26-8-2025	Faculty Interaction
3.	Gaurav Patil	State Technical Manager, Indusind Bank, Pune	23-8-2025	Faculty Interaction
4.	Abhishek Panchal	Regional Manager Technical, Hinduja Housing Finance, Pune	23-8-2025	Faculty Interaction
5.	Shankar Pare	Area Technical Manager, Capri Global Capital Ltd. Pune	23-8-2025	Faculty Interaction
6.	Nitesh Mishra	Entrpreneur	6-2-2026	Faculty Interaction

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Photo Gallery













Faculty Publications

S. N	Name of Faculty	Name of Journal	Title of paper	Volume/ Issue	DOI	ISSN	Indexing
1	P. B. Autade	Iranian Journal of Science and Technology, Transactions of Civil Engineering	Hybrid Nano Clay–CNT Concrete: Experimental and Machine Learning-Based Evaluation of Strength and Durability		https://doi.org/10.1007/s40996-026-02131-1	2364-1843	Scopus
2	M. P. Wagh	International Journal of Masonry Research and Innovation.	Performance evaluation of modified gabion retaining wall	pp 85-103	https://doi.org/10.1504/IJMRI.2026.150370	2056-9467	Scopus
3	S.L.Asava	Biomass and bio energy	Evaluation of sugarcane residue and organic waste combinations in sustainable bin composting				SCOPUS
4	A.H.Shirke	Innovative infrastructure solutions	Experimental and ANN based prediction method for hybrid nano silica and nano carbon tubes stabilization of black cotton soil				SCOPUS
5	M.P.Wagh	Innovative infrastructure solutions	Experimental and multi-output artificial neural network modeling to compare agro-waste adsorbents in fluoride removal				SCOPUS
6	A.A.Semgupta	International journal of innovations in engineering research and technology	Comprehensive enhancement of strength and durability of self compacting concrete – A Review	22-28		2394-3696	
7	M.P.Wagh	Innovative infrastructure solutions	Experimental and ANN –Based prediction of the mechanical properties of fly ash geopolymer concrete				SCOPUS
8	U.R.Kawade	Asian Journal of civil Engineering	Machine Learning based prediction and optimization of mechanical and durability properties of Geopolymer concrete				SCOPUS
9	Nimbalkar P.V.	International Journal of advanced research science	Enhancement mechanical properties of High performance concrete using of nano silica	Vol 6-issu		2581-94	

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		communication and technology		e 11		29	
1	Mulik N.M	Gradiva Review Journal	An AI – driven interpretive framework for material selection integrating Neural Network and aesthetic design theory	Vo 1-11 iss 12		03 63-80 57	
1	P.K.Bhandari	International journal of advance research in science , communication and technology	Partial replacement of cement using sugarcane baggase ash to enhance the strength of concrete	Vol 6 issue 11 june 2026		25 81-94 29	
1	A.U.Bhaleo	International journal of Engineering research and technology	Performance based seismic assessment of G+30 Tall RC commercial complex using Non linear static push over analysis	Vol -15 , issue 6		22 78-01 81	
1	Nimbalkar P.V.	International journal of innovative research and technology	A review on comparative study on structural performance of underpass bridge with vehicular and earthquake loads	Vol -13 , Issue 1		23 49-60 02	
1	A.A.Waghmare	Journal of the institution of engineers india	A theoretical study on the onset of interlayer share damage in layered composite beams subjected to thermal patch loading				Scopus
1	A.A.Waghmare	Mechanics of advance composite structures	Thermal behavior and coupling effects in laminated composite beam structures using refined share deformation theory	199 - 216		24 23-70 43	Scopus
1	A.U,Bhaleraо	International journal of innovative research of science engineering and technology	Partial replacement of cement with marble powder and fine aggregate with copper slag	Vol -14 , Issue 2		23 47-67 10	

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