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And all the Directors, LMC Members,
Executive Council Members & Teachers
Representatives of MVP Samaj, Nashik.

Dr. D. D. Lokhande

Education Officer, M.V.P. Samaj, Nashik

Organizing Chairman

Dr. S. R. Devane (Principal)

Convener

Dr. P. D. Nemade (HOD, Civil Engg)

Coordinator

Dr. S. J. Kadbhane

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Co-coordinator

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ABOUT MVP

The **Maratha Vidya Prasarak Samaj** is one of Maharashtra's most esteemed educational institutions, with a legacy spanning over 110 years. Its remarkable journey has solidified its status as a legendary center of learning. The origins of M.V.P. Samaj can be traced back to a group of passionate and dedicated social workers and educators, inspired by the ideals of Mahatma Jyotiba Phule, Savitribai Phule, and Rajarshi Shahu Maharaj of Kolhapur. Pioneers like Karmaveer Raosaheb Thorat, Bhausaheb Hire, Kakasaheb Wagh, Annasaheb Murkute, Ganpat Dada More, D. R. Bhosale, Kirtiwanrao Nimbalkar, and Vithoba Patil Khandalaskar were instrumental in laying the foundation of the Samaj. These visionary Karmaveers aspired to create a society centered on culture and knowledge. The motto of the Institution is to expand its educational and social work "Bahujan Hitaya Bahujan Sukhaya", for the Welfare and Happiness of the common masses. It runs 477 branches all over Nashik district which includes schools, colleges, professional colleges like medical, pharmacy, engineering, architecture etc. for more details visit www.mvp.edu.in.

COLLEGE AT A GLANCE

MVP Samaj's Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, established in 1999, spans of 11-acre campus in the heart of Nashik city. As an autonomous institute permanently affiliated with Savitribai Phule Pune University, Pune, and approved by AICTE, New Delhi, it has earned prestigious NBA and NAAC A++ grade accreditations. The college is equipped with state-of-the-art laboratories, workshops, and hostel facilities. The college offers a range of four-year B.Tech programs in disciplines such as Mechanical Engineering, Computer Engineering, Instrumentation and Control Engineering, Electronics and Telecommunication Engineering, Civil Engineering, Information Technology (IT), Artificial Intelligence and Data Science (AI&DS), and Electrical Engineering. It also offers postgraduate programs including an MBA and M.Tech in Mechanical, Civil, and Computer Engineering, along with Ph.D. research centers in MBA and Civil Engineering.



Maratha Vidya Prasarak Samaj's
Karmaveer Adv. Baburao
Ganpatrao Thakare College of
Engineering, Nashik-13
(An Autonomous Institute)

Accredited by NBA and NAAC A++

One Week Offline
Faculty Development Program (FDP)
on

**"Environmental Geotechnology:
Advances and Sustainable Practices"**

16th to 21st June 2025



Organized by

Department of Civil Engineering

Udoji Maratha Boarding Campus, Gangapur Road,
Nashik-422013. Maharashtra

Website: <https://kbtcoe.org/>

ABOUT THE DEPARTMENT

The Department of Civil Engineering, established in 2006, is dedicated to delivering quality technical education. It offers a Bachelor of Technology (B.Tech) degree under Savitribai Phule Pune University (SPPU), Pune, with an intake capacity of 60 students at the undergraduate level. Additionally, the department offers a postgraduate M.Tech program in Construction Management with a capacity of 24 students and operates a Ph.D. research center. The department is equipped with advanced laboratories featuring sophisticated equipment. Its strengths include highly qualified and experienced faculty members and well-cultured students. The department has established several MoUs with reputable organizations, providing students with training and field exposure. It also serves the community by offering expertise and consultancy in various civil engineering fields. In 2022, the Department of Civil Engineering received a three-year accreditation from the NBA.

ABOUT FDP

Environmental Geotechnology: Advances and Sustainable Practices is to explore innovative solutions for geotechnical challenges while ensuring environmental sustainability. This program aims to enhance knowledge of modern geotechnical engineering techniques, soil stabilization, waste management, and ground improvement methods. It emphasizes the integration of sustainable practices in geotechnical engineering to mitigate environmental impacts. Participants will gain insights into emerging technologies, green materials, and

regulatory frameworks that promote eco-friendly infrastructure. The program fosters research and industry collaboration, equipping faculty and professionals with practical skills to address contemporary environmental concerns in geotechnology, ultimately contributing to sustainable development goals..

OBJECTIVES OF FDP

The objectives of this FDP are to Enhance Knowledge in Environmental Geotechnology, Understand Soil-Environment, Interaction Sustainable and Green Solutions, Climate Change and Its Impact on Geotechnical Engineering

WHO CAN ATTEND

Faculty members of all academic institutions (engineering, agriculture, pharmacy, science, architecture and other), research scholars, PG scholars, government and industry participants. Participants will receive certificate after successfully completion of the FDP.

REGISTRATION

Free of cost

Registration Link:

<https://atalacademy.aicte.gov.in/login>

copy above link in browser –sign up your account-login with your email and password - click on FDPs - select type **online or offline** – select month **June** –select thrust area **civil engineering** – select mode **face to face** – select FDP type **Technical**

Then you will appear all Offline FDP. Then select **Environmental Geotechnology: Advances and Sustainable Practices** 16th to 21st June 2025-upload participant NOC form and register.

Participant NOC format: Copy this link and paste in browser then you get format

<https://docs.google.com/document/d/1rkIEL-Uypon7Og4b2zfGFWJHumzB4RO/edit?usp=sharing&oid=110393411297524843388&rtpof=true&sd=true>

Last Date of Registration: 10th June, 2025

WhatsApp Group Link:

<https://chat.whatsapp.com/GQQuj3CRmSt8MZ9UuAUB2q>

ORGANIZING COMMITTEE

Dr. M. P. Kadam	Dr. A. P. Shelorkar
Dr. K. T. Patil	Dr. M.C. Aher
Dr. S. M. Waysal	Mr. P. D. Aher
Mr. D. N. Nathe	Ms. M. B. Murkute
Ms. K. R. Sonawane	Mr. M. B. Patil
Mr. R. C. Patil	Mr. K. S. Bhusal
Ms. T. N. Jadhav	Ms. A. K. Ugale
Mrs. S. A. Thombare	

ALIGNED WITH SUSTAINABLE DEVELOPMENT GOALS



Schedule of BASIC FDP

FDP Application Number: 1743246391

Title of the FDP: Environmental Geotechnology: Advances and Sustainable Practices

FDP Start Date: 16th June 2025

FDP End Date: 21st June 2025

Day 1 (16 June)	Day 2 (17 June)	Day 3 (18 June)	Day 4 (19 June)	Day 5 (20 June)	Day 6 (21 June)
9:00 – 9:30 Inauguration					
9:30 – 12:00 Session 1 <ol style="list-style-type: none"> Name of the Expert: <i>Rohini C Kale.</i> Designation : Assistant Professor Organization: Medicaps University, Indore, Madhya Pradesh Experience in Years: 11 Years Topic to be taught: Advancing Environmental Geotechnology for Sustainable Tomorrow 	9:30 – 12:00 Session 3 <ol style="list-style-type: none"> Name of the Expert: <i>Dr. Anjan Patel.</i> Designation : Associate Professor Organization: Visvesvaraya National Institute of Technology, Nagpur, Maharashtra, India Experience in Years: 15 Topic to be taught: Alkali-activation and MICP Treatment of Expansive Soil using Red Mud 	9:30 – 12:00 Session 5 <ol style="list-style-type: none"> Name of the Expert : <i>Dr. Jitesh T. Chavda</i> Designation : Assistant Professor Organization: S.V. National Institute of Technology Surat, Surat 395007 Experience in Years: 8 Topic to be taught: Image Analysis Insight for Experimental Geotechnics 	9:30 – 12:00 Session 7 <ol style="list-style-type: none"> Name of the Expert: <i>Dr. Nilima Satyam.</i> Designation : Professor Organization: Indian Institute of Technology Indore, India. Experience in Years:18 Topic to be taught: Nature base solutions for coastal erosion 	9:00 – 1:00 Industrial visit <ol style="list-style-type: none"> Name of the Organization: Nashik Waste Management Pvt. Ltd. (NWMPL), Nashik Complete address with pincode : Nashik Khat Prakalpa, Gaulane Phata, Pathardi Shivar, Mumbai- Agra Road, Nashik – 422 010 Industry Type: Solid waste Management Area of specification : Landfill Site, Environmental Geo-technology 	9:30 – 12:00 Session 10 <ol style="list-style-type: none"> Name of the Expert : <i>Dr. Satyajit Patel</i> Designation : Associate Professor Organization: S.V. National Institute of Technology Surat, Surat 395007 Experience in Years: 14 <i>Input from User.</i> Topic to be taught: Use of Industrial By-products in Flexible Pavements and Performance Evaluation via FWD Testing
12:00 – 1:00 Article Discussion <ol style="list-style-type: none"> Title of the Research Paper : Beneficial use of dimensional stone industry wastes in geotechnical fills: Geotechnical, environmental and economic perspectives Name of the journal: Resources Policy Year of Publication: 2025 	12:00 – 1:00 Article Discussion <ol style="list-style-type: none"> Title of the Research Paper : Environmental and geotechnical properties of lightweight aggregates made of reused solid wastes Name of the journal: <i>Environmental Geotechnics</i> Year of Publication: 2024 	12:00 – 1:00 Article Discussion <ol style="list-style-type: none"> Title of the Research Paper : Evaluation of geotechnical, mineralogical and environmental properties of clayey soil stabilized with different industrial by-products: A comparative study Name of the journal: <i>Construction and Building Materials</i> Year of Publication: 2024 	12:00 – 1:00 Article Discussion <ol style="list-style-type: none"> Title of the Research Paper : Evaluation of MSW incineration bottom ash for environmentally safe geotechnical applications Name of the journal: <i>Construction and Building Materials</i> Year of Publication: 2024 		12:00 – 1:00 Article Summary
1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch
2:00 – 4:30 Session 2 <ol style="list-style-type: none"> Name of the Expert : <i>Dr. Asita Nilesh Dalvi</i> Designation : Director Organization: PreFEx Engineering and Research Experience in Years:20 Topic to be taught: Mitigating Environmental Impacts in Geotechnical Engineering: 	2:00 – 4:30 Session 4 <ol style="list-style-type: none"> Name of the Expert : Himanshu Kotak Designation : Director Organization: C-Phi Consult Pvt. Ltd. Experience in Years: 21 Years Topic to be taught: Use of Geosynthetic in Infrastruct. & Env. Protection works 	2:00 – 4:30 Session 6 <ol style="list-style-type: none"> Name of the Expert : Mr. Harshal Wagh Designation : Director Organization: Envirocare consultant pvt.ltd. Experience in Years: 20 Topic to be taught: Impact of Industrialization and urbanization on geo-environmental sector 	2:00 – 4:30 Session 8 <ol style="list-style-type: none"> Name of the Expert : <i>Mr. Ashok Aher</i> Designation : Director Organization: Asia Pacific Consultant Pvt.Ltd. Experience in Years:30 Topic to be taught: Leachate sources analysis and treatments. 	2:00 – 4:30 Session 9 <ol style="list-style-type: none"> Name of the Expert : Kalpana Nallewar Designation : Director Organization: Geoenviromental vision, Nashik Experience in Years:15 Topic to be taught: MSE Wall- Innovative Solution in environmental Geo-technics 	2:00 – 4:00 MCQ & Reflection Journal
4:30 – 5:30 Hands on training /Labs	4:30 – 5:30 Hands on training /Labs	4:30 – 5:30 Hands on training /Labs	4:30 – 5:30 Hands on training /Labs	4:30 – 5:30 Hands on training /Labs	
					4:00 – 5:00 Valedictory Session



Maratha Vidya Prasarak Samaj's

Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik

ATAL Faculty Development Program "Environmental Geotechnology: Advances and Sustainable Practices"

Distinguish Resource Person

FDP Registration Link : <https://atalacademy.aicte.gov.in/login>



Dr. Rohini Kale,
Assistant Professor, MEDI-CAPS University, Indore
Session: Advancing Environmental Geotechnology for Sustainable Tomorrow



Dr. Asita Dalvi,
Director, PREFEX Engg and research (OPC) Pvt. Ltd., Pune.
Session: Mitigating Environmental Impacts in Geotechnical Engineering:



Dr. Anjan Patel,
Associate Professor, VNIT, Nagpur.
Session: Alkali-activation and MICP Treatment of Expansive Soil using Red Mud



Mr. Himanshu Kotak,
Director, C Phi Consultant, Ahmedabad.
Session: Use of Geosynthetic in Infrastruct. & Env. Pro-



Dr. Jitesh Chavada,
Assistant Professor, SVNIT, Surat
Session: Image Analysis Insight for Experimental



Mr. Harshal Wagh,
Director, Envirocare Consultant Pvt. Ltd., Nashik.
Session: Impact of Industrialization and urbanization on geo-environmental sector



Dr. Nilima Satyam,
Professor, IIT, Indore.
Session: Nature Based Approach for Coastal Mitigation



Mr. Ashok Aher,
Asia Pacific Consultant
Session: Landfill Leachate sources analysis and treat-



Dr. Satyajit Patel,
Associate Professor, SVNIT, Surat.
Session: Use of Industrial By-products in Flexible Pavements and Performance Evaluation via FWD Testing



Kalpana Nallewar,
Asst. V-President Mumbai.
Session: MSE Wall-Innovative Solution in environmental Geo-technics