



Academic Monitoring Report **(1st December 2020 to 30th December 2020)**

1. Faculty Development Program (21 Dec -25 Dec)

The Department of Civil Engineering, Dr. D. Y. Patil School of Engineering, Lohegaon, Pune, organized online faculty development program for faculty members on **Entrepreneurship in Material Testing and consultancy Services in Civil Engineering (NABL Accreditation)** by industry and academic experts, from 21st December to 25th December 2020. FDP was organized with the prior permission and guidance of Head of Civil Engineering department Prof. Lt. Col S. M. Karodpati (Rtd.) and Principal Dr. Ashok Kasnale.

- **SUBJECT**: - Entrepreneurship in Material Testing and consultancy Services in Civil Engineering(NABL Accreditation)
- **LOCATION**: - Microsoft Teams, Dr.D.Y Patil School of Engineering, Pune.
- **DAY & DATE**: - Monday to Friday, 21st December to 25th December 2020
- **Coordinators** - Mr. Ramakant Koshti, Mr. Aniket Nemade
- **Detailed Schedule of FDP** :-

Date	Time	Name of Speaker	Topic
21.12.2020	2:45 PM	Inaugural Address (Prof Lt. Col Sanjay Karodpati)	
21.12.2020	3:00 PM	Mr. Sadanand Kukade (NABL Auditor)	Overview on Entrepreneurship in Material Testing and consultancy Services in Civil Engineering and Requirements of NABL accreditation
22.12.2020	3:00 PM	Mr. Jitendra Dalvi (Quality Manager- CMTRID Lab)	Challenges and opportunities in Material Testing and consultancy in Civil Engineering, Demonstration of concrete and steel testing in NABL accredited Lab
23.12.2020	3:00 PM	Mr. Jitendra Dalvi (Quality Manager- CMTRID Lab)	Concrete Mix Design as per NABL Processes
24.12.2020	3:00 PM	Mr. Jagdish Nandi (Industry Expert)	Scope of Testing Labs in Consultancy
25.12.2020	4:00 PM	Dr. Mahesh R Gadekar (Assistant Professor, LoGMIEER, Nashik)	Challenges and Opportunities in material testing in Environmental and Geotechnical Engineering
25.12.2020	5:00 PM	Vote of thanks (Prof Ramakant Koshti)	

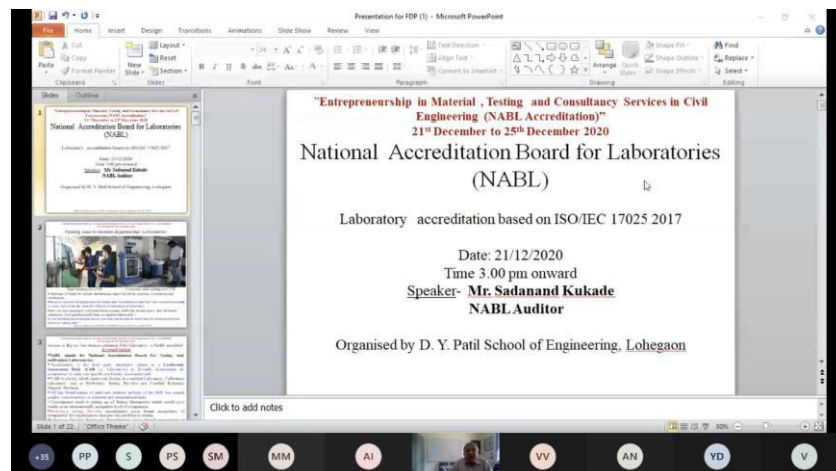
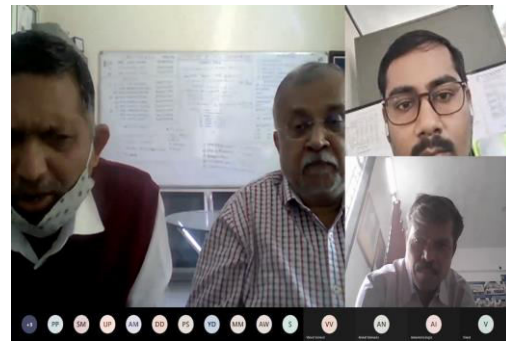


INTRODUCTION

Department of Civil Engineering was established in the year 2010, approved by AICTE New Delhi and affiliated to Savitribai Phule Pune University, Pune Department is well equipped with state of art equipment, and laboratories are well equipped with modern instruments. With the team of experienced, qualified and devoted faculty. Department of Civil Engineering is committed for academic excellence and personality development. Testing and consulting services cell through NABL in the department providing consultations to the industries thereby giving students practical knowledge.

Speakers had prepared presentations for faculty members to show a better outlook for the online FDP and can grab information easily. Their presentations comprised of following aspects:

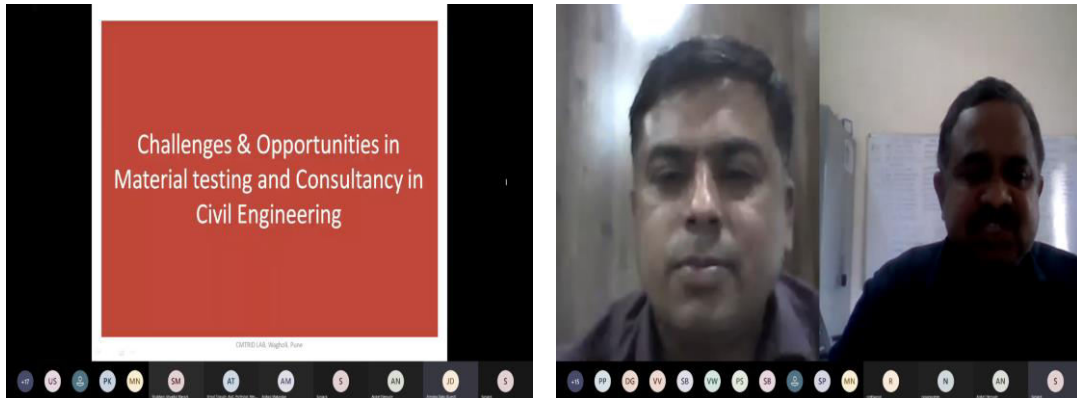
1. Overview on Entrepreneurship in Material Testing and consultancy Services in Civil Engineering and Requirements of NABL accreditation
2. Challenges and opportunities in Material Testing and consultancy in Civil Engineering, Demonstration of concrete and steel testing in NABL accredited Lab
3. Concrete Mix Design as per NABL Processes
4. Scope of Testing Labs in Consultancy
5. Challenges and Opportunities in material testing in Environmental and Geotechnical Engineering



Day 1- Overview on Entrepreneurship in Material Testing and consultancy Services in Civil Engineering and Requirements of NABL accreditation by Mr. Sadanand Kukade (NABL Auditor)



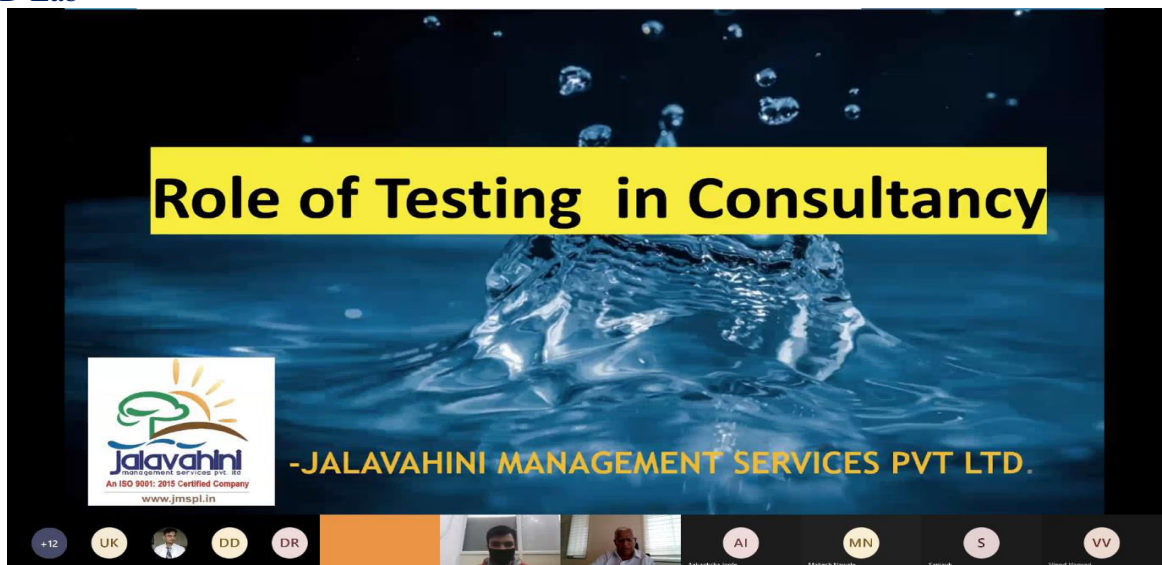
Dr. D. Y. Patil Technical Campus
Dr. D. Y. Patil School of Engineering
Dr. D. Y. Patil Knowledge City, Charoli Bk., Via. Lohegaon, Pune - 412 105.
Department of Civil Engineering

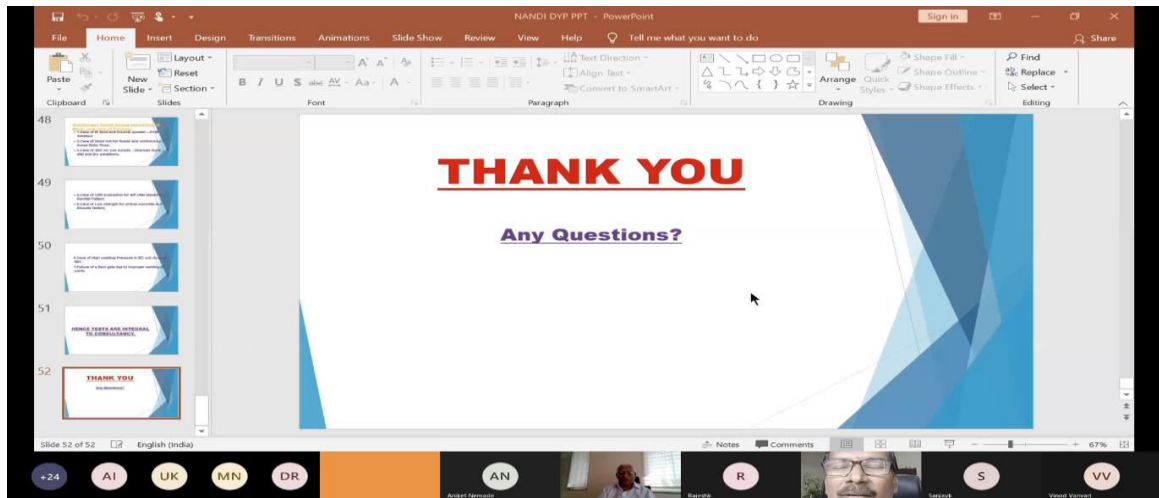


Day 2 - Challenges and opportunities in Material Testing and consultancy in Civil Engineering, Demonstration of concrete and steel testing in NABL accredited Lab by Mr. Jitendra Dalvi (Quality Manager-CMTRID Lab)

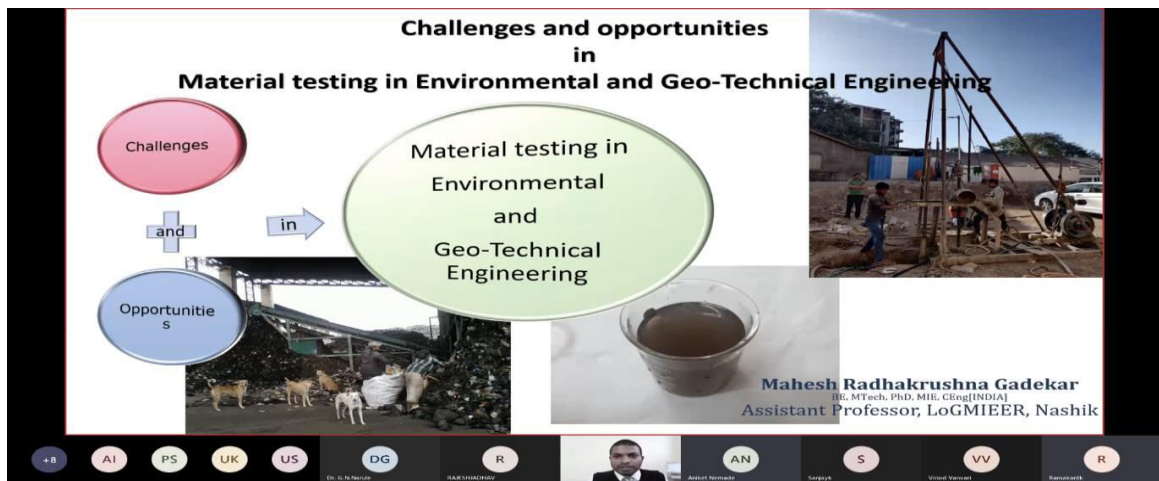


Day 3 - Concrete Mix Design as per NABL Processes by Jitendra Dalvi (Quality Manager-CMTRID Lab)

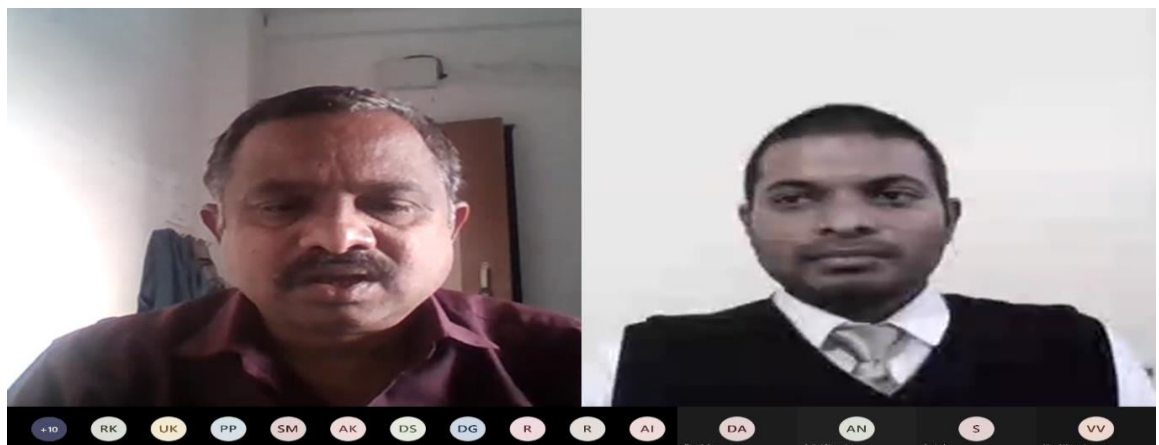




Day 4 - Scope of Testing Labs in Consultancy by Mr. Jagdish Nandi (Industry Expert)



Day 5- Challenges and Opportunities in material testing in Environmental and Geotechnical Engineering by Dr. Mahesh R Gadekar (Assistant Professor, LoGMIEER, Nashik)



Vote of thanks by Prof Ramakant Koshti



Outcomes of FDP

- 1) Faculties learned about the various materials testing in NABL Accreditation Labs.
- 2) Faculties learned about Entrepreneurship in Material Testing and consultancy Services in Civil Engineering.
- 3) Encouragement in material testing as per NABL process for faculty members in academic labs.
- 4) Enhancement in knowledge about NABL process for lab accreditation.

2. Placement Activities

- Following student of Civil Engineering 2021 batch got placed in Anza Services.
 1. Manish Kumar
 2. Divya Khanal
 3. Kshitija Kawade
 4. Akshay Bharat

- Following student of Civil engineering 2021 batch got placed in Kalyani Infrastructure
 1. Sandip Bharkar
 2. Nanasaheb Gaikwad

3. Admission Activities

Departmental video highlighting the department's strengths was prepared and shared with admission cell for wider publicity.

4. Research Proposal in ASPIRE 2020

- Title: Design of Rainfall simulator (RS) for laboratory scale study of soil erosion using Paddy Straw Geomesh (PSG)
- Principal Investigator: Yogesh Danekar (Mech)
- Co-Investigator: Aakanksha Ingle (Civil)



5. Papers Published by faculty (Along with BE students)

- 1. Prof. Aniket Nemade:** SEISMIC VULNERABILITY INDEX METHODS FOR R.C. STRUCTURES. IJSRD Volume 8 , Dec 2020
- 2. Prof. Ramakant Koshti:** IMPORTANCE OF BIM IN FORMWORK DESIGN. (Under Review)

6. TESTING AND CONSULTANCY SERVICES CELL (TCSC)

- Cube testing was carried out in Material Testing Lab by Prof Uday Kakde, Prof Aniket Vilas Nemade, Mr. Kiran Gaikwad and Mrs. Usha Hodkar. Total 48 cubes were tested in laboratory in this month.. Maintenance work of equipment's is scheduled in month of November. Completion of NABL work is scheduled to complete in December.
- Quotations were called for carrying out the calibration of SOM equipment's which is required for applying NABL.

Lt Col Sanjay Karodpati (Retd)
HOD
Civil Engineering Department