

**Annasaheb Dange College of Engineering & Technology, Ashta.  
Department of Civil Engineering**

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# **NPTEL NEWS-LETTER**

**Academic Year - 2022-2023**



**Sant Dnyaneshwar Shikshan Sanstha's**

## **ANNASAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY, ASHTA**

**(An Autonomous Institute)**

**("A" Grade Accredited Institute || NBA Accredited Courses || ISO 9001:2008 Certified Institute)**



**Editor:**

**Mr. A. D. Patil, NPTEL Coordinator, ADCET, Ashta**

**Published on April, 2023**

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# **Annasaheb Dange College of Engineering & Technology, Ashta.**

## **Department of Civil Engineering**

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### **About the Department**

The Program in Civil Engineering has been introduced from the academic year 2010 with a sanctioned intake of 60, and since then it is growing by leaps and bounds. To stimulate research activities, the post-graduate course in Structural Engineering was started in the academic year 2016-2017 with a sanctioned intake of 18. The department has two doctorates and 20 PG faculties- because of whom it is known for its high academic standards and well-maintained discipline. This department has 14 laboratories with complete infrastructure facilities more than NBA/ AICTE norms. The efforts have been taken to live up to the expectations of every stakeholder.

### **Vision**

To develop graduates in the field of civil Engineering with preeminence on Technical competency, research, employability, entrepreneurial skills, and ethics.

### **Mission**

- Providing consistent, activities and programs for promoting academic excellence.
- Preparing students to serve society with professional ethics.
- Encouraging the students for research, innovation, and higher education.
- To strengthen our relationship with stakeholders for the overall development of the department.

### **About Newsletter**

In this News Letter, the Department of Civil Engineering brings together the activities undertaken on the academic front as well as the social front for the civil engineering students. During the lockdown period Faculty Members as well as Students for the Department of Civil Engineering students work earnestly for betterment. Students fetch out commendable success in terms of academics. Also, Faculty Members published their research papers. Education increases individuals' ability to lead a healthy life, participate in society and restore peace & stability. Education is the first service to be suspended and the last to be restored during the COVID-19

# **Annasaheb Dange College of Engineering & Technology, Ashta.**

## **Department of Civil Engineering**

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Pandemic lockdown crisis. Department of Civil Engineering teamed up together to keep our students engaged in completing their pre-planned curriculum and at the same time, engaged them in numerous co-curricular activities during the lockdown and utilized this time for betterment. The semester has been commenced on 1st March 2021 with offline mode.

### **NPTEL Online Certification Courses:**

The National Programme on Technology Enhanced Learning (NPTEL) was initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati, and Roorkee) along with the Indian Institute of Science, Bangalore in 2003. Five core disciplines were identified, namely, Civil Engineering, computer science and engineering, electrical engineering, electronics and communication engineering, and mechanical engineering, and 235 courses in web/video format were developed in this phase.

The main goal of NPTEL is to build on the engineering and core science courses launched previously in NPTEL Phase I. An additional 600 web and video courses were created in all major branches of engineering, physical sciences at the undergraduate and postgraduate levels, and management courses at the postgraduate level. Several improvements such as indexing of all video and web courses and keyword search were implemented.

It is the largest online repository in the world of courses in engineering, basic sciences, and selected humanities and social sciences subjects. Its online web portal <http://nptel.ac.in> has more than 471 million views to date. Its Youtube channel is the most subscribed educational channel and has 1.5 million channel subscribers, 404 million views. It contains more than 56000 hours of video content. It is honored by the most accessed library of peer-reviewed educational content in the world. NPTEL contains 52000 hours of transcribed content; 51000 hours of subtitled videos.

To enhance the skill of students and to boost up their performance, the Civil Engineering department has introduced the 'Self Study' subject in the Third-year curriculum. In this subject, students have to complete one NPTEL course. 61 students from the third year and 54 students from the second year have appeared for the NPTEL examination held on 21<sup>st</sup> March 2023 & 24<sup>th</sup>

# Annasaheb Dange College of Engineering & Technology, Ashta.

## Department of Civil Engineering

April 2023. A summary has been given who had appeared for the examination held on 21<sup>st</sup> March 2023.

### List of Students Appeared for NPTEL Examination:

Sr. No.	Name	Name of Course	Study Year	Final Score
1	Rutuja Anand Gade	Introduction to Lean Construction	Third Year	95
2	Aadya Satish Kadam	Plastic Waste Management	Third Year	80
3	Abhishek Samarth Bansode	Plastic Waste Management	Third Year	62
4	Aditi Ajit Patil	Design Of Reinforced Concrete Structures	Third Year	53
5	Atharva Chandrakant Gaikwad	Plastic Waste Management	Third Year	82
6	Aviraj Suresh Suryawanshi	Plastic Waste Management	Third Year	71
7	Dipak Namdev Thavare	Plastic Waste Management	Third Year	69
8	Hariom Krishnadev Suryawanshi	Plastic Waste Management	Third Year	63
9	Nikhil Balaso Golgire	Plastic Waste Management	Third Year	80
10	Prasad Jaykumar Patil	Plastic Waste Management	Third Year	85
11	Satyajeet Shivnandan Pawar	Plastic Waste Management	Third Year	67
12	Shruti Ramesh Kharmate	Plastic Waste Management	Third Year	46
13	Yashodhan Rajendra Awale	Plastic Waste Management	Third Year	71
14	Atharva Chandrakant Gaikwad	Cloud Computing	Third Year	77
15	Mubinabi Aimat Inamdar	Cloud Computing	Third Year	56
16	Sahil Javed Mulani	Municipal Solid Waste Management	Third Year	68
17	Mane Pranoti Balaso	Cloud Computing	Third Year	55
18	Sudesh Ashok Dakave	Cloud Computing	Third Year	55
19	Atharva Chandrakant Gaikwad	Remote Sensing and GIS	Third Year	51

**Annasaheb Dange College of Engineering & Technology, Ashta.**  
**Department of Civil Engineering**

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20	Kadam Harshada Sudhakar	Remote Sensing and GIS	Third Year	49
21	Komal Sanjay Nashte	Remote Sensing and GIS	Third Year	42
22	Patil Harshada Zunjarrao	Architectural Conservation And Historic Preservation	Third Year	50
23	Ruturaj Sanjay Jadhav	Project Planning & Control	Third Year	61
24	Mubinabi Aimat Inamdar	Remote Sensing and GIS	Third Year	45
25	Akhilesh Sunil Mali	Remote Sensing and GIS	Third Year	46
26	Sahil Javed Mulla	Remote Sensing and GIS	Third Year	55
27	Ajay Ekanath Salunkhe	GPS Surveying	Third Year	58
28	Samidha Rajendra Desai	Remote Sensing and GIS	Third Year	53
29	Samrat Shahaji Dhumal	Remote Sensing and GIS	Third Year	45
30	Satyajeet Rajkumar Thorat	Remote Sensing and GIS	Third Year	43
31	Ritesh Tanaji Kharat	Architectural Conservation And Historic Preservation	Third Year	67
32	Suraj Popat Mahind	Remote Sensing and GIS	Third Year	48
33	Suyash Shivaji Mandake	Remote Sensing and GIS	Third Year	44
34	Padmashri Mallappa Reve	Project Planning & Control	Third Year	51
35	Mohammadumar Riyaj Desai	Remote Sensing and GIS	Third Year	46
36	Chetan Dilip Sadamate	GPS Surveying	Second Year	61

# Annasaheb Dange College of Engineering & Technology, Ashta.

## Department of Civil Engineering

### Summary of registration:

Criteria	No of students
No of the students registered	47
No of students certified (40-59)	20
No of students got Elite Certification (60-74)	10
No of students got Elite+ Silver Certification (75-89)	5
Fail Students (<40)	13

### Course wise Analysis:

Name of Course	No of Registrations
Plastic Waste Management	11
Design of Reinforced Concrete Structures	1
Cloud Computing	4
Municipal Solid Waste Management	1
Remote Sensing and GIS	12
Architectural Conservation and Historic Preservation	2
GPS Surveying	2
Project Planning & Control	2
Introduction to Lean Construction	1

### Special Achievements:

- **Rutuja Anand Gade** from the Third year of Civil Engineering has got Elite + Gold certificate (95%) for Introduction to Lean Construction NPTEL Course.

#### ➤ **Elite + Silver Certified Students:**

Sr. No.	Name Of Student	Marks Obtained
1	Aadya Satish Kadam	80
2	Atharva Chandrakant Gaikwad	82
3	Nikhil Balaso Golgire	80
4	Prasad Jaykumar patil	85
5	Atharva Chandrakant Gaikwad	77

Annasaheb Dange College of Engineering & Technology, Ashta.  
Department of Civil Engineering

Sample Certificates:



Elite  
**NPTEL Online Certification**

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**AADYA SATISH KADAM**  
for successfully completing the course



**Plastic Waste Management**

with a consolidated score of **80** %

Online Assignments	21.79/25	Proctored Exam	57.81/75
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Total number of candidates certified in this course: **3166**

Aug-Oct 2022  
(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CE72S33800001

To validate the certificate



No. of credits recommended: 2 or 3

Annasaheb Dange College of Engineering & Technology, Ashta.  
Department of Civil Engineering



Elite

**NPTEL Online Certification**

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ABHISHEK SAMARTH BANSODE**  
for successfully completing the course

**Plastic Waste Management**

with a consolidated score of **62** %

Online Assignments	17.92/25	Proctored Exam	44.27/75
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Total number of candidates certified in this course: **3166**

Aug-Oct 2022  
(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CE72S33800008

To validate the certificate



No. of credits recommended: 2 or 3



Annasaheb Dange College of Engineering & Technology, Ashta.  
Department of Civil Engineering



Elite

**NPTEL Online Certification**

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PRASAD JAYKUMAR PATIL**  
for successfully completing the course



**Plastic Waste Management**

with a consolidated score of **85** %

Online Assignments	23/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: **3166**

Aug-Oct 2022  
(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CE72S43800061

To validate the certificate



No. of credits recommended: 2 or 3

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### **Motivation:**

Under the guidance of Secretary of SDSS, Hon. R. R. Dange (Bhau), Executive director, Prof. R. A. Kanai, Director, Dr. Vikram Patil, Registrar, Prof. S. B. Hivarekar and Head of the civil engineering department, Prof. S. S. Mohite, Civil department has taken initiative in enhancing student's skill set. A lot of students have registered for the NPTEL examination. Because of NPTEL courses, Students got IIT coaching, Subject-specific knowledge, Live training, Certification from India's topmost Institute. This helps in upgrading students in the particular field. Also, the knowledge they gained from these courses helps in their future life. The industries relevant to courses can give preference to these students. The course in charge of the NPTEL course may offer internship and laboratory workshops to eligible students. So the students have entered into a new era where they are working in a combination of technology with knowledge.