

E-NEWSLETTER
ISSUE- 4

SAMRAT ASHOK TECHNOLOGICAL INSTITUTE, VIDISHA

(DEPARTMENT OF CIVIL ENGINEERING)

FOR INTERNAL CIRCULATION ONLY

JAN-JUNE 2025



OUR VISSION

To be at the forefront in the field of Civil Engineering by contributing towards the service and development of the society.

OUR MISSION

To provide quality education and research facilities at an affordable price, so as to produce competent civil engineers with human values to develop quality civil engineering infrastructure for mankind.

MESSAGE FROM HEAD-



Welcome to the Department of Civil Engineering at SATI Vidisha, department offers world-class undergraduate and two post graduate education, research opportunity, and job opportunities.

The Department of Civil Engineering at SATI is Three times NBA Accredited We are trying to provide one of the highest quality educational experiences. We, over several years, through the remarkable efforts of our outstanding faculty and students, are on the trajectory of excellence and are at the forefront of civil engineering education, research, and socio economic impact in the region.

We take great pride in providing an intellectually stimulating environment; as a result, our Alumni continue to excel after graduation and distinguish themselves in both academia and industry.

Over the last few years, the department has added new faculty to strengthen the newly emerging areas of civil engineering in the last five years, we have been promoting significant entrepreneurial activity.

I am happy to share that many of our undergraduate students and post-graduate students have started their successful entrepreneurial journey with the active support of the department.

Career Opportunities after Civil Engineering Degree

After completion of civil engineering degree students have a vast choice of career options in diverse fields.

Civil Engineering Jobs for Fresher's: Quick Facts

- According to some recent employment reports, the **annual demand for civil engineers** in the country is projected to **increase every year at a rate of 9% from 2018 to 2028**.
- During a panel discussion hosted by the National Institute of Engineering (NIE) earlier this year, **Civil Engineering jobs in India** were seen as quite significant for the aspiring youth population, especially in terms of **entrepreneurship possibilities** that it offers.
- About **22,900 vacancies** for civil engineers are **estimated each year**, on average, between **2023 and 2033**.
- According to recent statistical data, the **employment rate** among Engineering graduate students grew from **57% in 2023 to 64% in 2024**, hinting at a significant boost in the employability of civil engineers.

Courses after Graduation in Civil Engineering

Professionals in India with a degree or **job in Civil Engineering** have various options to advance their professions and areas of expertise.

Following are some of the options, students can choose to pursue after graduating from Civil Engineering courses in India:

BIM Professional Course for Civil Engineers	This is a very popular eight-month advanced course in Civil Engineering that provides knowledge about Building Information Modelling (BIM), digital software technology that enables the engineer to design and manage the physical and functional outlook of building structures. It can prove to be extremely beneficial in construction processes.
Certificate Course in Advanced Construction Management by Construction Management Training Institute, Bangalore	This 3-month course is a perfect choice for students to advance their technical skill set and add value to their resume as it teaches one about the 3-D printing technology in construction, virtual and augmented reality, soil investigation methods, and much more.
M.Tech degree in Civil Engineering specializations	students can pursue postgraduate degree in various specializations within the Civil Engineering domain that include Construction Engineering, Structural Engineering , Geotechnical Engineering, Transportation Engineering , Environmental Engineering, among others. This would take them one step ahead in the Civil Engineering job industry. The typical course duration is 2 years.
PhD in Civil Engineering or a related field	Students may also go for a doctorate Civil Engineering degree if they want to enter the research and development field.

ACHIEVEMENTS IN BRIEF-

1. A total of 11 students were awarded their M. Tech. degree.
2. Faculties have published more than 12 Research Publications in peer-reviewed journals.
3. 77 numbers of Testing & Consultancy projects of various Government agencies and private organizations were carried out at a total cost of 7.65 Lacs.
- 4 Total 15 students were placed in reputed organizations.

AWARDS AND RECOGNITIONS (FACULTY)

1. Dr. Rakesh Mehar, Assistant Prof. of the department has presented a case study on “Assessment of Accident Risk Index Using the Trajectory Method on Smart City Road”, in ASCE, International conference organised by Punjab Engineering College Chandigarh on Feb, 7-9 2025



AWARDS AND RECOGNITIONS (FACULTY)

2. Dr Bablu Kirar & Dr. Rakesh Mehar Participated in two days' International conference on “**Innovation in Infrastructural Materials & Sustainability (IIMS-2025)**”, Organised by Department of Civil Engineering, Madan Mohan Malviya University of Technology, Gorakhpur.



3. Dr. Rakesh Mehar, Assistant Prof. of the department has been registered a patent on SMART MULTIMODEL PUBLIC TRANSPORT INTEGRATION VEHICLE.

		ORIGINAL सम. सं. Serial No. : 200832 
पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India		
डिजाइन के पंजीकरण का प्रमाण पत्र Certificate of Registration of Design		
डिजाइन सं. / Design No.	448671-001	
तारीख / Date	21/02/2025	
परस्परिकता तारीख / Reciprocity Date		
देश / Country		

प्रमाणित किया जाता है कि संलग्न प्रति में दर्जित डिजाइन को SMART MULTIMODAL PUBLIC TRANSPORT INTEGRATION VEHICLE से संबंधित है, का पंजीकरण, क्लास 12-08 में 1.Dr. P. K. Agarwal 2. Dr. Rakesh Mehar 3.Rahul Tanwar 4.Rahul Saini के नाम में उपरोक्त संख्या और तारीख में कर लिया गया है।
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 12-08 in respect of the application of such design to SMART MULTIMODAL PUBLIC TRANSPORT INTEGRATION VEHICLE in the name of 1.Dr. P. K. Agarwal 2. Dr. Rakesh Mehar 3.Rahul Tanwar 4.Rahul Saini.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अन्वयेन प्रयोजनों के अनुसार है।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

पंजीकरण की तिथि : 28/06/2025
Date of Issue :




सहायक निदेशक, पेटेंट, डिजाइन और ट्रेड मार्क
Controller General of Patents, Designs and Trade Marks

अनधिकृत प्रतिलिपि (जो कि कपि, क्लिक, स्कैन, फोटो, या अन्य किसी भी प्रकार के माध्यमों द्वारा प्रतिलिपि की गई हो) के लिए कोई भी कानूनी जवाबदारी नहीं होगी।
Unauthorized reproduction (whether by copy, click, scan, photo, or any other means) shall not be held liable for any legal responsibility.

The reciprocal date (if any) which has been entered and the name of the country. Copyright in the design will survive for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.

STUDENTS ACHIEVMENTS—

1. Final year Agriculture Branch students Prakhar Shrivastava, Yashasvee Dhote and Muskan Sharma from Agriculture branch participated in two days' workshop on **“Innovative Soil Testing; The Foundation of Precision Farming”** held at MANIT Bhopal on 7th Feb 2025.



GRADUATE APTITUDE TEST IN ENGINEERING 2025
अभियांत्रिकी स्नातक अभिरूपाणा परीक्षा २०२५
Organising Institute: INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

SCORE CARD

Name of the Candidate: **PRAKHAR SHRIVASTAVA**
Name of the Parent/Guardian: **VIKESH SHRIVASTAVA**
Registration No.: **AG25S15006002**
Date of Birth: **October 16, 2002**
Test Paper: **Agricultural Engineering (AG)**
Date of Examination: **February 1, 2025**
GATE Score: **410**
Marks out of 100: **28.33**

All India Rank (AIR) in the test paper: **153**
Number of candidates appeared for the test paper: **2624**

Qualifying Marks:
General: **25.0**
EWS/OBC-NCL: **22.5**
SC/ST/PwD: **16.6**

A candidate is considered qualified if the marks scored are greater than or equal to the qualifying marks mentioned for the category, for which a valid category certificate, if applicable, must be produced along with this Score Card.

This Score Card is valid up to 31st March 2028.

Prof. P. Anurag
Organising Chairperson, GATE 2025
On behalf of NCIB-GATE
Ministry of Education (MoE)

GATE SCORE COMPUTATION

The GATE 2025 score is calculated using the formula:

$$\text{GATE Score} = S_q + (S_t - S_q) \frac{(M_t - M_q)}{(M_s - M_q)}$$

where,
M is the marks obtained by the candidate in the test paper mentioned on the GATE 2025 Score Card
M_q is the qualifying marks for general category candidates in the test paper
M_s is the mean of marks of top 0.1% or top 10 (whichever is larger) of all the candidates who appeared in the test paper
S_q = 350, is the score assigned to M_q and
S_t = 900, is the score assigned to M_s

In the GATE 2025 score formula, the qualifying marks (M_q) for the general category candidate in each subject will be :
Out-of marks for GENERAL category = max(25, min(40, $\mu + \sigma$)). Here μ is the mean and σ is the standard deviation of positive marks of all the candidates who appeared in the test paper.

Qualifying in GATE 2025 does not guarantee admission to a postgraduate program or scholarship/financial assistance. Admitting institutes may conduct additional tests or interviews for final selection of candidates.

Graduate Aptitude Test in Engineering (GATE) 2025 was organised by Indian Institute of Technology Roorkee on behalf of National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.



2. Mr. Prakhar Shrivastava Final Year Agriculture Engg Branch has secured 153rd AIR in Gate Exam.2025.

3. Mr. Aayush Ojha final year Civil Engg has been selected as Management Trainee in **Sobha Limited Company**. On a package of 415000.00 (CTC)



Placement office SATI 11:57
to aayush25ce001, me

Congratulations!!

Please find below the list of offered candidate for **Sobha Limited** for **2025** Batch.

Name	Email	Roll Number	City	State	College	Position
Aayush Ojha	aayushojha003@gmail.com	07386277887	Varanasi	Uttar Pradesh	Sardar Vallabhbhai Technological Institute	MT

Designation - Management Trainee

CTC - **INR 415000**

4. Total 09 students got placement in MKC Infrastructure Pvt Ltd.

Sr. No.	Student Name	Mobile No	Education	Location	Status
1	Ashwani Koshti	6260948724	B. Tech	Vidisha SATI	Selected
2	Kshitij Kushwaha	9285102055	B. Tech	Vidisha SATI	Selected
3	Ankur Karode	9926189305	B. Tech	Vidisha SATI	Selected
4	Ankita Lodhi	9302417632	B. Tech	Vidisha SATI	Selected
5	Aayush Ojha	8103823510	B. Tech	Vidisha SATI	Selected
6	Mukund Patle	9770951047	B. Tech	Vidisha SATI	Selected
7	Abhishek Rajput	7898340939	B. Tech	Vidisha SATI	Selected
8	Saurabh Pandey	9399436934	B. Tech	Vidisha SATI	Selected
9	Avinash Sarode	9584942005	B. Tech	Vidisha SATI	Selected

Departmental Activities-

1. Industrial Visit of 6th Semester Students to district water testing lab Vidisha on 07.02.2025



2. Dr Pramod Sharma visited MPCST Bhopal on 24.03.2025 as a member of expert committee for scrutiny and evaluation of research proposals.

3. Glimpses of one-day webinar on “International & National opportunities for research in Engineering and Allied fields” organised by the department on 14th June 2025.

Samrat Ashok Technological Institute, Vidisha (M.P.) India
(A Grant in AID, NAAC and NBA Accredited)
AUTONOMOUS ENGINEERING COLLEGE, VIDISHA (M.P.)
Department of Civil Engineering

**One Day Online Webinar on
International & National - Opportunities
for
Research in Engineering & Allied Fields.**
14th June, 2025

Web site Link :

Keynote Speakers

Our Inspiration
Satyasheel Gautam
Lecturer, VAR University
Pethumthani, Thailand

Dr. Y.K. Jain,
Director

Dr. Gourab Sil
Asstt. Professor
IIT Indore

Dr. Vidhi Vyas
Scientist, CSIR-CRI,
New Delhi

Dr. Rajeev Jain
Prof. & Head

Coordinator
Dr. Pradeep Purohit
Professor

Coordinator
Dr. S.S. Goliya
Professor

Co-coordinator
Dr. Shubha Khatri
Assistant Professor

Gauri R Mahajan
PhD Scholar
Texas State University (UT)



National Research Opportunities - India

Fellowships & Scholarships

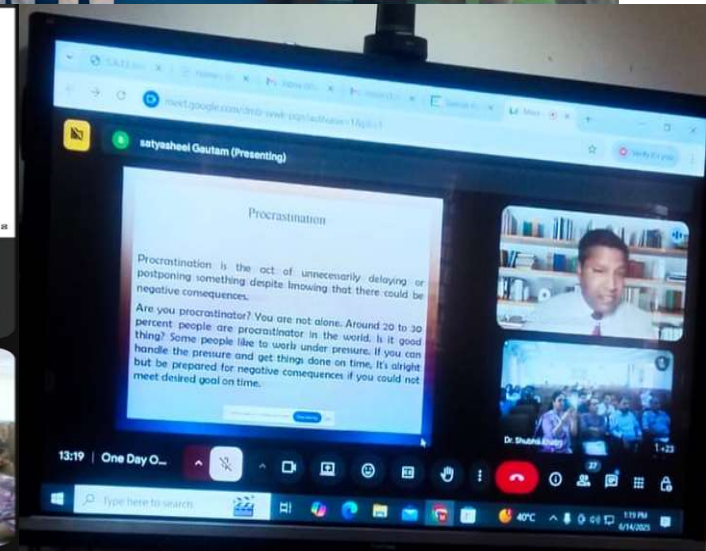
- **DST INSPIRE:** For top UG/PG science students.
- **GATE Fellowship:** Monthly stipend for M.Tech students.
- **UGC-NET JRF:** Funded Ph.D. programs.

Internships & Programs

- **IT/NIT Summer Programs:** Paid internships.
- **IMPRINT India:** Interdisciplinary projects on national priorities.
- **Smart India Hackathon:** For students to develop innovative solutions for national challenges.

Gauri Mahajan

Dr. Shubha



Group Photo of the passing out Batch
B.Tech Civil (2021-25)



Group Photo of the passing out Founder Batch
B.Tech Agriculture (2021-25)

