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Bharatiya Vidya Bhavan's  
**Sardar Patel College of Engineering**

(Government-Aided Autonomous Institute)

MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058.

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# Annual Report Civil Engineering Department 2025-26

## Introduction

The Department of Civil Engineering has been a cornerstone of the institute since its inception. It is well-equipped with state-of-the-art infrastructure and is duly approved by AICTE. In addition to the undergraduate programme, the department offers postgraduate programmes in Construction Management and Structural Engineering to meet advanced academic and industry needs. The department is also recognised by the University of Mumbai as a Ph.D. research centre, with an approved intake capacity of 45 scholars. Furthermore, there is a Quality Improvement Programme (QIP) Centre by AICTE, under which research scholars receive financial assistance for 3 years with intake of two.

The academic year 2025–26 will see the continuation of the postgraduate programme in Civil Engineering, with specialisations in Structural Engineering and Construction Management. To align with industry trends and stakeholder expectations, plans are underway to enhance the intake to 30 students from 2026–27 and to introduce a new M.Tech. programme in Structural Engineering for Working Professionals with an intake of 18 students which is approved from next year. These initiatives aim to strengthen our academic offerings and industry relevance.

## **Present Status of Intake in Civil Engineering Department**

<b>Year of Establishment</b>	<b>1962</b>	
<b>No. of Programmes Offered</b>	<b>06</b>	
<b>Name of Programmes and Intake</b>	<b>B. Tech. Civil Engineering</b>	<b>60</b>
	<b>B. Tech Working Professional</b>	<b>30</b>
	<b>M. Tech. Construction Management</b>	<b>24 (approval 30 granted)</b>
	<b>M. Tech. Structural Engineering</b>	<b>24 (approval of 30 granted)</b>
	<b>M.Tech Structural Engineering (WP)</b>	<b>Approval granted to start with intake of 18</b>
	<b>Ph. D. (Civil)</b>	<b>45</b>
	<b>Ph. D. (Civil) under QIP</b>	<b>02</b>



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**NBA Accreditation**

Undergraduate Civil Engineering Programme	Accredited till 31.12.2028 (fourth cycle of NBA accreditation)
Post graduate Civil Engineering Programme with Structural Engineering	Accredited till 30.06.2026. Application initiated (second cycle of NBA accreditation)

**Department Activities**

NEP 2020 was implemented for 3rd-year UG and PG students under the Regulation 2023 scheme. Details of other activities are as follows:

- The Indian Society of Structural Engineering Student Chapter was launched in June 2025, and the chapter undertook 3 activities.
- Ultratech Centre of Excellence was initiated under an MoU with Ultratech Cement, and work is underway.
- Civil Engineering alumnus Mr. Sunil Doshi initiates Model Classroom work under the Alumni Committee (Class of 1995 pledged 10 lakh rupees for the same)
- Industry Institute Partnership activities, such as the Industry Institute Meet organized in October 2025, have facilitated direct dialogue with industry leaders. This engagement has resulted in 100% internship placements for our students, thereby enhancing their practical skills and employability, aligning with stakeholder expectations for industry-ready graduates.
- Parents' and Teachers' Meet was organized twice last year in a hybrid mode to gather input from all stakeholders.
- 13 Site Visits were arranged including Bhandup treatment Plant (UG), World of Concrete Exhibition (UG and PG), IFAT (UG), 5 visits to Bullet train Project (Mumbai Ahmedabad High Speed Rail ) (UG) and (PG) (NHSRCL), Versova Wastewater treatment plant (CM), Precast girder casting yard (PG-SE), Vikram Sarabhai space application centre and CEPT visit.
- Lectures and Workshops arranged: 7 Guest Lectures and 6 workshops (6 days Primavera and BIM, EPANET and Jaltantra (02 numbers), 4 days GIS-GPS-TS(UG and PG), Autodesk (Cloud) and LCCA (UG and PG)
- A Professor of Practice is appointed from this year in civil engineering to help build the industry-academia relationship.



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### Faculty Achievements

- Dr. Murudi is serving on several committees, including the MPSC, and is involved in consultancy with CED. He was appointed as the in-charge principal for one year, effective April 2025.
- Dr. Nagrale is serving on several committees of AICTE, DTE, and the MPSC. One of his copyrights was registered this year. One of his students submitted his pre-synopsis. His project group presented at Avishkar.
- Dr. Bage's student, Jaydeep Chougule, was awarded a PhD in 2025-26. He is working in several AICTE, DTE, State Govt., and University committees.
- Dr. A.R. Kambekar student, Ms. Supriya More submitted a pre-synopsis. He is a member of the RRC of ICT and NMIMS. He is on the Board of Studies of several colleges and universities, including Mumbai University, DBATU, NMIMS, and St. John College. He has examined a thesis in Shivaji University and Savitribai Phule University. He is part of the academic audit team in VJTI and other colleges. He was invited to deliver a keynote lecture and at various AICTE-approved FDPs/ ISTE-STTPs at different places and in international seminars. He is a member of several AICTE committees and various other Universities. He has been invited as a judge for Aavishkar (2025-26) and for the Ideas Event at IIT Bombay.
- Dr. Hansa Jeswani mentored 2 groups who are finalists at the International University Latrobe Challenge. She mentored the batch of students who won the SIH competition (Hardware) at LPU. She became an independent director for PANGULF INTERNATIONAL. She served on the MPSC selection committee. Her project group presented at Avishkar. She is working as an evaluator for the Bio-ignition Grant at IIT Bombay, IIT Kanpur, and KIPT Bhubaneswar.
- Dr. Raskar Phule delivered several lectures and conducted training programmes during FDPs. Her project batch students presented the work at Pune and also at Aavishkar.
- 2 of Dr. Ghadge's students have submitted their pre-synopsis. He is a member of several college committees. He is a member of the BOS PES CoE Aurangabad.
- Dr. Kshitija coordinated NHRCL visits and is a member of several college committees.
- Prof Ankit Asher's batch won the best thesis award this year.
- Two consultancy works related to MPCB and MBMC were submitted. Prof Snehit Kumbhar and Dr. Gaikwad undertook major consultancy work for the Kalyan Municipal Corporation. KVIC consultancy work is taken up by Dr. Ajay Kambekar and Dr. Hansa Jeswani.



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**Papers/Book Chapters Published by Faculty Members in Scopus index journals/Conferences or Books**

The following table shows the papers published by faculty in Scopus-indexed conferences/journals

S No	Name of faculty	No. of Papers and Book Chapters published
1	Dr. Mohan Murudi	2
2	Dr Abhinandan Bage	1
3	Dr. Ajay Kambekar	5
4	Dr. Pravinchandra Gaikwad	3
5	Dr. Hansa Jeswani	1
6	Dr. Reshma Raskar	1+1 Book Chapter
7	Dr Anil Ghadge	1
8	Dr. Kshitija Nadgouda	2
10	Prof. Shweta Patil	1
11	Prof. Ankit Asher	2
12	Prof Prasad Gharat	1
Total		21

**Journal Reveiwers**

Dr Ajay Kambekar (21 journals), Dr Hansa Jeswani (04 journals), Dr Reshma Raskar Phule (02 journals), Dr. A. N. Ghadge(02 journals) and Dr Kshitija Nadgouda (01 journal) are reviewers of scopus indexed journals.

**Special Committee Member**

Dr. Ajay Kambekar is a BOS member of Mumbai University, SVKM's MPSTME, SBM Polytechnic, and DBATU State Technical University. He is also an academic Audit Committee Member at VJTI, a Research Committee Member at DBATU, and an ICT and Amity University (Panvel) Research Committee Member.

Dr. Kambekar, Dr. Jeswani, and Dr. Raskar Phule have organised competitions in SPCE under the aegis of UMA/UBA, Green Club, and Sustainability and Green Initiative, respectively.

**Testing and Consultancy**

Most of the teaching faculty such as Dr Murudi, Dr Nagrale, Dr Bage, Dr Kambekar, Dr Gaikwad, Dr Jeswani, Dr Raskar-Phule, Dr. Ghadge, Dr Nadgouda, Prof. Snehjit, Prof. Gharat and Prof. Asher are involved in testing and consultancy. The special consultancy taken up last year was



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related to MCGM, MBMC, PWD, BMC and the total revenue generated in the past year is **2.4 Cr** INR.

## FDP/NPTEL courses completed

Dr Jeswani, Dr Raskar-Phule, Dr Nadgouda Prof Shweta Patil, Prof Dipika Dalvi and Prof. Ankit Asher successfully completed NPTEL FDP courses with total courses completed as 8 for the year. Dr Gaikwad and Prof Snehit received honors in completion of NPTEL Courses in Civil Engineering.

## Student/Alumni Achievements

- No. of students who qualified GATE-2026: 2 students (Third Year), 9 students (BTech)  
No of students who qualified GATE in 2025: 13 students (Notable: Shraddha Shinde got a rank of 41 in Environmental Engineering, Ayush Jaiswal a rank of 101 in Civil engineering and Shraddha Shinde 143 rank in Civil Engineering)
- No. of students who got Campus Placement (2025-26) : 22 (BTech) (average package is 8 lpa), 13 MTech (CM), 12 MTech (SE) (Avg .Package 7.5 lakhs)
- No of students who got Internship (paid) (2025-26)- 40 students paid (BTech internship)
- GRE, TOEFL and IELTS given and got their institutes : 02 (2025-26)
- Workshop /Guest lectures organised through Civil Engg. Association : 04
- Site Visit organised through CEA : 03
- PhD Awarded: 01 student

## Result Analysis for 2024-25

The result analysis for BTech Civil Engineering and MTech Civil Engineering with Construction Management and MTech Civil with Structural Engineering for the year 2024-25 is as follows

Year	2024-25
FY BTech	62.2%
SY BTech	74%
TY BTech	77%
BTech (Final Year)	92%
MTech 1 <sup>st</sup> Year (CM)	92%
MTech 2 <sup>nd</sup> Year (CM)	79%
MTech 1 <sup>st</sup> Year (SE)	92%
MTech 2 <sup>nd</sup> Year (SE)	70%



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2025



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## Glimpses of Activities



**Revit Workshop**



**Guest Lecture-JSW**



**Autodesk Cloud Workshop**



**E Tabs Workshop**



**Precast Girder Workshop**



**Visit to IFAT**



**ISSE student Chapter Launch**



**Guest Lecture:ISSE**