



Bharatiya Vidya Bhavan's
Sardar Patel College of Engineering
(Government-Aided Autonomous Institute)
Munshi Nagar, Andheri (West), Mumbai -400 058



CIVIL ENGINEERING DEPARTMENT
Annual Day Report 2021-22

The Civil engineering department has been in existence since the establishment of this institute. The department has an excellent infrastructure and is AICTE approved. Apart from the undergraduate course, postgraduate courses offered in construction management and structural engineering. The department is approved by university of Mumbai for the Ph. D. program with an intake capacity of 45. In addition, the department is selected as a QIP Centre by the AICTE. AICTE provides full financial assistantship for three years to the research scholars registered under QIP. Also, department can conduct number of short term courses in the area of civil engineering and complete financial assistantship will be provided by AICTE.

Dr. M.M.Murudi, took charge as a head of the Department of Civil Engineering since 27 Feb, 2018.

➤ **NBA Accreditation**

Sr. No.	Course	Accreditation
1	UG (CIVIL)	Accredited for the period from 2017-20 and received extension of accreditation till 30-06-2022 For further accreditation, prequalifier has been approved and SAR is in progress
2	PG (Construction Management)	Accredited for the period from 2017-20 and received extension of accreditation till 30-06-2022 For further accreditation, prequalifier has been approved and SAR is in progress
3	PG (Structural Engineering)	Applied for accreditation, SAR is approved and visit by NBA team is expected soon

• **PhD awarded: -**

• **Department Activities**

➤ **Organized workshop by Experts from Industry.**

1. ATAL FDP (Developing Interpersonal Skills and Effective Communication Intelligence) by Dr.H.S.Jeswani
2. Started SPSGI (Sardar Patel Sustainability and Green Chapter) by Dr.H.S.Jeswani

➤ **Site Visit Organized.**

1. Visit to SPJMIR construction site for TYBTECH on 25/04/2022 to 27/04/2022.

➤ **Guest Lectures by Experts from Industry/Institute Organized.**

1. IGBC introduction (By Mr Bhavesh Mehta ad Ar. Mala Singh)
2. INODE seminar (wastewater treatment software)
3. Expert lecture (Webinar) organised for UG/PG students on “Applications of GIS” by Dr. G. Venkatachalam on 19th April 2021.

4. Guest Lecture on “Probability Distributions applications in Civil Engineering” by Dr. AKHILESH CHEPURI on 17th February 2022
5. Guest lecture on “ Work Study and work measurement in construction organization and safety management” by Dr. Unnati Agarwal on 19th February,2022

➤ **Guest Lectures delivered by faculty members at other institutes:**

1. Dr. A. R. Kambekar Delivered talk on “Open Channel Flow” and “ Introduction to Offshore Engineering” as an invited speaker during faculty orientation program organized by SSJCTE (on behalf of University of Mumbai) Thane, Maharashtra India on 17 July 2021.
2. Dr. A. R. Kambekar Delivered talk on "Overview of Civil Engineering and Infrastructure Development". organized by R & D Cell, Department of Civil Engineering, Terna Engineering College, Nerul, Navi Mumbai in association with IC-ACI, IEI and CESA.
3. Dr. A. R. Kambekar Invited as a panel member for FY admission counseling of prospective students and parents, SPIT Online Katta, to solve doubts of aspiring students related to engineering courses and actual admission process on 29-10-2021 by SPIT Mumbai, India.
4. Dr. A. R. Kambekar Invited as an academic expert for the academic audit of the Civil Engineering department on 29th October 2021, of Dr. Babasaheb Ambedkar Technological University, State Technical University of Maharashtra at Lonere, Dist. Raigad.
5. Dr. A. R. Kambekar Delivered talk on "Overview of Civil Engineering and Infrastructure Development" organized by Bhagwant Institute of Technology at Barshi Dist Oshmanabad on 16-12-2021 (Affiliated to BATU University Lonere Raigad Maharashtra
6. Dr. A. R. Kambekar Delivered invited lecture on “Rural water supply and Infrastructure – Case studies” on 30 -12-2021 during AICTE-ISTE sponsored Induction/Refresher Program on “Recent Advancement in Environmental and Water Resources Engineering” organized by AIKTCE Panvel (Mumbai University).
7. Dr. A. R. Kambekar Delivered invited lecture on “National Education Policy NEP2020” on 31 -12-2021 during AICTE-ISTE sponsored Induction/Refresher Program on “Recent Advancement in Environmental and Water Resources Engineering” organized by AIKTCE Panvel (Mumbai University).
8. Dr. A. R. Kambekar Delivered invited talk on “Unnant Maharashtra Abhiyan and Role of Engineering colleges in Rural development” organized by Marathi Bhasha Mandal Sardar Patel College of Engineering Mumbai India on 24-01-2022.
9. Dr. A. R. Kambekar Delivered invited lecture on “ Introduction to Offshore Engineering at AP Shah Institute of Technology, Thane, Mumbai University.
10. Dr. H.S. Jesawni Delivered invited talk on Environmental Audits for sustainability on 16th October 2021 organised by IIT Bombay and SAGE.
11. Dr. H.S. Jesawni Delivered invited talk on Water Management by Reuse of wastewater on 24th October 2021 organised by Akone Services Ltd.
12. Dr. H.S. Jesawni Delivered invited talk on Affordable technology solutions for sustainable agriculture on 26th March 2022 organised by BIRAC Assam University.

➤ **Faculty Achievements**

1. Dr. Kshitija Nadgouda completed PhD from Civil Engineering Department at IIT Bombay under QIP.

2. Dr.A.N.Ghadge Received research grant of Rs. 45.88 Lacs from Science and Engineering Research Board (SERB - A statutory body of the Department of Science and Technology, Government of India) funded research project (**File No. EEQ/2021/001115**).
3. **Dr. A. R. Kambekar signed MOU for** Collaborative research/Guidance/Research Projects on Prediction of durability of concrete with sustainability in coastal region in association with Monash College Monash University, 49 Rainforest Walk Clayton VIC 3800 Australia
4. Dr. A. R. Kambekar (Edited and preface): For a book titled “Sea Level Rise, Are we Ready” authored by Chakraborty Sudipta published in Kindle and Amazon (e-Book). <https://www.amazon.in/Sea-Level-Rise-Are-Ready-ebook/dp/B08KYKH2NB>
5. **Dr. A. R. Kambekar** Advisory Board member on Meteorology Hydrology and Water Management MHWM Editorial Office: Institute of Meteorology and Water Management – National Research Institute Podlesna 61, 01-673 Warsaw, Poland (www.mhwm.pl/Advisory-Board,660.html)
6. **Dr. A. R. Kambekar** Technical advisory board member : Online International Conference Sustainable Water Resources Development and Management (SWARDAM-2021 at GCOE Aurangabad Maharashtra India, Technical Education Quality Improvement Programme, (TEQIP- Phase III), In Association With Ujjain Engineering College, Ujjain, (M.P.), (Under TEQIP-III-Twinning Activity). Indian Society for Hydraulics (Aurangabad Local Centre)Indian Water Resources Society, (Aurangabad Local Centre).
7. **Dr. A. R. Kambekar** is selected as an Editorial Board member: International Journal on "Sustainable Marine Structures" published by Nan Yang Academy of Sciences (NASS), Singapore. ISSN: 2661-3158, (Online), <http://ojs.nassg.org/index.php/sms/about/editorialTeam>, <http://ojs.nassg.org/index.php/sms/index>
8. Dr. A. R. Kambekar Chairman PhD Examination panel University of Mumbai
9. Dr. A. R. Kambekar Member faculty selection committee in UG and PG in Civil Engineering at Walchand College of Engineering Sangli, (Shivaji University Kolhapur), Maharashtra, India (04th and 5th July 2021).
10. Dr. A. R. Kambekar Expert on evaluation of question paper/paper setting in Civil Engineering at Maharashtra Public Service Commission, (MPSC) Maharashtra
11. Dr.H.S.Jeswani received appreciation for Infrastructure (6 days) under TEQIP II Coordinator

- **Faculty members attended seminar/workshops. (Total=14)**
- **No. of Faculty registered/completed SWAYAM courses: 08**
- **No. of ATAL FDP courses completed by Faculty: 06**

- **No. of Publications by faculty members: (Total=24)**

Sr. No	Name of the faculty	Total
1	Dr. M. M. Murudi	01
2	Dr.A.A.Bage	00
3	Dr. Prashant P. Nagrale	00
4	Dr. A. R. Kambekar	09
5	Dr. P. G. Gaikwad	01
6	Dr. H. S. Jeswani	4 (2 UG, 2 PG)
7	Dr. Reshma Raskar Phule	06
8	Dr. A. N. Ghadge	02
9	Dr..K.Nadgouda	-
10	Prof. S.J. Kumbhar	01
11	Prof.Akshata Deshpande	00
12	Prof. Ankit Asher	00

- **Revenue generated by department through consultancy & Testing**

Sr. No.	Description	2021-22
1	Consultancy & Testing	66,41,130/-

- **Student Achievements**
- **No. of Final year students passed for GATE-2022: 17**
- **No. of students got Placement to campus (2021-22): 20**
- **No. of Final year students passed GRE: 01**
- **No. of Final year students passed CAT: 00**
- **No. Paper Publications in Journals & Conferences: 00**
- **Workshop organised Through CEA : 02**
- **Expert Talk organised through CEA :01**
- **Site Visit organised through CEA :01**

14. **Result Analysis**

1	S. Y. B. Tech (Civil)	80.28%
2	T. Y. B. Tech (Civil)	94.44%
3	B. Tech (Civil)	85.36%