



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 2019-20

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)	Extension of Accreditation (2017-18 to 2020-21)

• **PhD awarded: -**

• **Department Activities**

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

➤ **Organized Training Programmes**

- 2 day course on WaterGEMS with Bentley

- AICTE Faculty Development Grant of Rs. 4.33 Lakhs for FDP on “ Applications of GPS and Remote Sensing in Civil Engineering” Organised between 06th to 18th January 2020 at SPCE Mumbai.

➤ **Guest Lectures by Experts from Industry/Institute Organized (09).**

- "Readymix concrete: Recent advancement" for UG and PG students by Mr. Amit Sandal, 26/04/2019
- “Innovation in Concrete” for UG and PG students by Mr. Uttam Bhandare,26/04/2019
- “Small Steps you can take Today for a better Tomorrow” for T.Y.B.Tech Civil Students by Mr. Lalit Sharma,30/07/2019
- “Tall Building” for UG and PG students by Mr. Hemant Gor,21/08/2019
- “Financial Literacy” for T.Y.B.Tech students by Mr. Ravi Vijay and Mr. Divyansh Singh,27/08/2019
- “Cement and concrete” by Mr. Nikhil Pimputkar,25/09/2019
- “Contribution of building chemicals on building performance by Mr.K.Padmakar,29/01/2020

- “Bridge Construction” for T.Y.B.Tech,B.Tech and M.Tech students by Mr. Vikas Rane.23/05/2020
- “Application of Fibre Reinforced Polymer (FRP) in Strengthening and Retrofitting of Concrete structures” under TEQIP 3,28/05/2020

➤ **Site Visit Organized by the department (02)**

- Visit to IFAT,NESCO for T.Y.B.Tech students,16/10/2019
- Site visit to Anar chemical plant,Green co-operative society,Vatva and Amul Plant, Anand,Gujarat for T.Y.B.Tech and B.Tech, 13/02/2020-16/02/2020

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

○ **Dr.A.R.Kambekar:**

- Delivered lecture on “Ocean Wind Wave Simulation and Forecasting using Artificial Intelligence, Numerical Methods and Remotely Sensed Data ” during AICTE funded Faculty development programme on “ Applications of GPS and Remote Sensing in Civil Engineering (06-18 January, 2020) on 17-01-2020 at SPCE Mumbai India
- Delivered lecture on “ Civil Engineering and Rural Development-Case studies” during AICTE funded Faculty development programme on “ Applications of GPS and Remote Sensing in Civil Engineering (06-18 January, 2020) on 16-01-2020 at SPCE Mumbai India
- Delivered lecture on “Scope of Civil Engineering and Infrastructure Development” at Government College of Engineering Amravati, Maharashtra.
- Delivered paper at three days’ workshop “Tech4Seva” “Technology outreach as an enabler for inclusive and sustainable development” organized by Unnatt Bharat Abhiyan and Vijnana Bharati at held IIT Delhi during 10-12 August, 2019.
- Delivered Invited lectures on Fluid Mechanics: Laminar Flow, Turbulent Flow, Dimensional Analysis and Open Channel Flow under TEQIP-III twinning activities at Rewa Engineering College Rewa Madhya Pradesh during 16-20 September 2019 (5 days).
- Delivered invited lecture on “Construction Management and importance of Human Resources in Project Management” on 25-09-2019 at SGGSIET Nanded during AICTE-QIP faculty development programme on “Project Management for Engineers, Recent trends”

○ **Dr. Hansa Jeswani**

- Lectures delivered online - KIIT-TBI BRTC on the subtopic “Affordable technology solutions for efficient farming” under the series “Innovations for boosting Sustainable Agriculture and Agri entrepreneurship: With Special Reference to North East region of India”.

➤ **Faculty Achievements**

➤ **Faculty members attended seminar/workshops. (Total=)**

Dr.M.M.Murudi (01), Dr. A.A.Bage (14), Dr. A.R.Kambekar(01),Dr. P.G.Gaikwad (02) Dr. Hansa Jeswani (02) Prof. Reshma Raskar (), Dr. A. N. Ghadge (), Prof.K.Nadgouda(01),Prof. S.J.Kumbhar (02) Prof. Akshata Deshpande (02), Prof. Pradnya Sambary (04), Prof. Ankit Asher(03)

- **No. of Faculty registered for SWAYAM courses: 06**
- **No. of SWAYAM courses completed by Faculty: 07**

➤ **No. of Publications by faculty members: (Total=23)**

Sr. No	Name of the faculty	Total
1	Dr. M. M. Murudi	02
2	Dr.A.A.Bage	02
3	Dr. Prashant P. Nagrale	00
4	Dr. A. R. Kambekar	11
5	Dr. P. G. Gaikwad	03
6	Dr. H. S. Jeswani	02
7	Dr. Reshma Raskar Phule	00
8	Dr. A. N. Ghadge	00
9	Prof.K.Nadgouda	02
10	Prof. S.J. Kumbhar	01

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

Sr. No.	Description	2019-20
1	Consultancy & Testing	Rs.2.67 Crore

➤ **Student Achievements**

- **No. of Final year students passed for GATE-2020: 07**
- **No. of students got Placement to campus (2019-20): 35**
- **No. of Final year students passed GRE: 01**
- **No. of Final year students passed CAT: 03**
- **No. Paper Publications in Journals & Conferences:**
- **Workshop organised Through CEA : 01**
- **Expert Talk organised through CEA :01**

14. Result Analysis

Sr. No.	Class	Term 1	Term 2
1	F.Y.M. Tech (Structural)	89.47%	89.47%
2	S.Y.M.Tech(Structural)	88.24%	-
3	F.Y. M. Tech	65%	100%

	(Construction Management)		
4	S.Y. M. Tech (Construction Management)	100%	-
5	B. Tech (Civil)	92.31%	-
6	T. Y. B. Tech (Civil)	77.78%	94.44%
7	S. Y. B. Tech (Civil)	63.51%	98.65%
8	F.Y.B.Tech (Civil)	41.42%	60%

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H.O.D
CIVIL ENGINEERING DEPARTMENT