

FACULTY PROFILE

Name	Dr. Bajirao Vilas Mane
Designation	Associate Professor
Department	Civil Engineering
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Educational Qualifications:

Degree	Year of Passing	University	Grade
B.E. (Civil Engineering)	2015	Shivaji University, Kolhapur	Distinction
M.E. (Civil–Structural Engineering)	2019	Shivaji University, Kolhapur	Distinction
Ph.D. (Civil–Structural Engineering)	2024	D. Y. Patil University, Pune	--
Post Doctorate (Structural Engg.)	2025	Srinivas University, Mangaluru	--

Area of Specialization:

Design of R.C.C. Structures, Ultra-High-Performance Concrete, Structural Auditing, Steel Structure & ANSYS
Slender Reinforced HPC Columns & Concrete Composites.

Professional Experience:

Teaching	Industrial	R & D	Total
10.6	0.6	00	11

No. of Patents: 09 Patents

04 Patents GRANTED: Reinforced Ultra High-Performance Concrete Beam-Column Joint

05 Patents Published: Slender High-Performance Concrete Column and Method of Construction Thereof

Books Published

04

Research Publications:

International Journals	International Conferences	National Journals	National Conferences	Total
13	05	05	03	26

STTP / Workshops / Seminars Attended:

STTP	Workshops	Seminars
27	22	27

Students Guided:

UG	PG	Ph.D.
21	06	00

Collaboration with Industry:

Empire Group, Pune & Metaroll Ispat Pvt. Ltd. Jalna.

Aayojan Architects, Sangli

Professional Memberships:

1. International Association of Engineers
2. International Society for Research & Development
3. Professional Structural Engineers Association (PSEA)
4. Life membership of Indian Society of Technical Institute
5. International Association of Engineers (IAENG)

Special Achievements:

1. Recognition as **Ph.D. research Co-guide**: (From 30/09/2024): Srinivas University, G. H. S. Road Mangaluru - 575 001. Karnataka State, INDIA
2. **ACTIVE SPOC : PROSPECT AWARD, NPTEL IIT Bombay**, 19th July 2025
3. **No. of ATAL workshop Completed: 09**
4. **Editorial Member**: Building Materials and Engineering Structures, REST Publisher ISO 9001:2015
5. **Editorial Member**: Engineering Reports Journal
6. **Editorial Member (Lifetime)**: Edwin Group of Journal
7. **NPTEL - Active SPOC Award: IIT Bombay**, 01 Feb. 2025
8. Paper Presented in conference at **IIT Tirupati**, Andhra Pradesh, India, July 03-05, 2025
9. Received **Best Paper Award** in conference on Sustainable Innovations in Civil & Mechanical (ICSICME-2025) 27 & 28 June 2025, SKNCOE, Pandharpur.
10. Review Committee member for International Conference on Material & Energy.
11. Participation in the Implementation of the **Gaonthan Settlement Project**: Department of Land Records, Government of Maharashtra
12. Institute Representative: To inspect all activities of the **NPTEL Examination** NPTEL, IIT, Madras
13. **Patent Granted (August 2024)**: High-Performance Reinforced Concrete Column.
14. Review Committee member of the International Conference on Material & Energy.
15. Received an Award of first prize for best paper at the national conference of **material science**.
16. **Expert Talk on FDP at DIT, Pimpri, Pune on Topic**: Role of Artificial Intelligence & Automation in Civil Engineering.
17. **Expert Talk on FDP at DYP, Salokhenagar, Kolhapur on Topic**: Systematic Literature Review.