

## CURRICULUM VITAE

Ms. Yamini Narayan Deshvena

 Behind Dr. Magar Hospital, Dhanubai Plot, Parbhani - 431401

 +91 7387516026 |  yaminideshvena@gmail.com

 Date of Birth: 20 June1997 | Nationality: Indian | Marital Status: Single

### CAREER OBJECTIVE

Dedicated Civil Engineering professional with a strong academic and research background, aspiring to contribute as an Assistant Professor. Passionate about teaching, research, and academic development in a progressive institution. Seeking to create impactful learning experiences and drive innovation in structural and geotechnical engineering.


### EDUCATION DETAILS:-

Sr. No.	Education	University/Board	Passing Year	Result
1.	M.Tech (Structural Engineering)	Dr. Babasaheb Ambedkar Technical University, Lonere Dist. Raigad	Dec 2022	9.51 CGPA – First Class with Distinction
2.	B. Tech (Civil Engineering)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	June 2019	7.77 CGPA – First Class with Distinction
3.	Diploma	MSBTE, Mumbai.	2016	81.58% – First Class with Distinction
4.	H.SC.	Aurangabad	2014	56.62% – Second Class
5.	SSC	Aurangabad	2012	80.91% – First Class with Distinction

### PROFESSIONAL EXPERIENCE

□ **Assistant Professor**

*Shri Shivaji Institute of Engineering and Management Studies, Parbhani*

 Dec 2021 – Present

## **AREAS OF INTEREST**

- Structural Design & Analysis using Software Tools
- Concrete Technology and Construction Techniques
- Geotechnical Engineering
- Sustainable Infrastructure Development
- Estimation and Costing

## **COURSES TAUGHT (UG Level)**

- Fluid Mechanics (FM I & II)
- Geotechnical Engineering
- Transportation Engineering
- Estimation and Costing
- Structural Mechanica-II
- Elements of Civil Engineering
- Project Management
- Environmental Engineering
- Basic Human Rights

## **PROJECTS**

### **Diploma Project:** *“Sewage Treatment Plant”*

- We Study Sewage Treatment Plant unit and Model of Sewage Treatment Plant

### **UG Project:** *“Village Assessment of JSA Work in Ambegaon Village”*

- Jalyukt Shivar Abhiyan: Third assessment of the jalyukt shivar abhiyan project in ambegaon village, gangapur taluka, Aurangabad under the CTARA team IIT Bombay.

### **PG Project:** *“Assessing the Impact of Strong Wind Loads on High-Rise Buildings in Proximity to the Seashore”*

- This project studies G+15 and G+30 RCC buildings to understand wind effects in coastal areas and recommends safer high-rise design as per IS 875-2015.

## **SOFTWARE PROFICIENCY**

- Microsoft Office (Word, Excel, PowerPoint)
- AutoCAD
- [STAAD.Pro](#)

## **RESEARCH PUBLICATIONS (20+)**

- **“Assessing the Impact of Strong Wind Loads on High-Rise Buildings...”** – *Journal of Offshore Structure and Technology*, 2024
- **“Innovations in Civil Engineering: Advancing Infrastructure through AI...”** – *Structural Engineering and Management*, 2024
- **“Comprehensive Strategies for Advancing Sustainable Rural Development”** – *Journal of Geotechnical Engineering*, 2024
- **“Utilizing Remote Sensing and GIS for Water Quality Monitoring”** – *International journal of Water Resources Engineering*, 2024
- **“Finite Element Analysis (FEA) for Nonlinear Behavior in Advanced Materials”** – *Journal of Structural Engineering and Management*, 2025

## **REVIEWER FOR JOURNALS**

Reviewed scholarly articles for reputed journals, including:

- Trends in Transport Engineering and Applications
- Journal of Structural Engineering and Management
- Journal of Construction Engineering, Technology & Management
- Journal of Water Resource Engineering and Management

## **PATENTS & INTELLECTUAL PROPERTY**

- **Design Patent Granted:**
  - CO<sub>2</sub> Extractor
  - IOT BASED ORGANIC WASTE COMPOSTER
  - ROBOTIC UNDERGROUND WATER LINE MAPPER
- **Intellectual Property Rights:**
  - NPTEL Certification:- Intellectual Property (Jan–Apr 2022) — Elite Score
  - National Intellectual Property Awareness Mission (NIPAM) Certificate 2025

## **FDPs / TRAINING / CONFERENCES/ NPTEL**

- AICTE-ATAL FDP on “Geographic Information System and Remote Sensing for Water Resources Management” (GISRSWRM-Jan 2025)
- FDP on Advances in Intelligent Civil Engineering(AICE-Sept 2025)
- “SMART MATERIALS AND TECHNOLOGIES FOR DURABLE STRUCTURES”(SMTDS-Sept25)
- International Conference On Research & Innovative Perspectives in Engineering (ICRIPE-Jan 2025) in collaboration with Bureau of Indian Standard,GOVERNMENT COLLEGE OF ENGINEERING, NAGPUR
- National Conference on Innovations in Science, Engineering & Technology ( NCISSET 2025), CSMSS Chh. Shahu College of Engineering, Chhatrapati Sambhajnagar.
- Sustainable AI 2025: International Conference on AI for a Greener Planet
- International Conference on Structural Innovations, HBTU, Kanpur (Jan 2025)
- NEP 2020 Teacher Training Programme by UGC (Feb 2025)
- **NPTEL Certification:-**
  1. Maintenance and Repair of Concrete Structures (12 week – Jan-April 2024)
  2. Research Methodology (8 week- July-Sept 2024)
  3. Remote Sensing Essentials (12 week – Jan-April 2025)-Elite Score
  4. NBA Accreditation and Teaching and Learning in Engineering (12 week – Jan-April 2025)-Elite Score
  5. Design of Steel Structures(12 week – July-Oct 2025)

## **RESPONSIBILITIES AT SSIEMS**


- NPTEL SPOC
- Academic Coordinator (2025–26)
- Examination Cell Faculty – DBATU
- FLOA Coordinator
- Internship Coordinator & Timetable Management
- Coordinator – Technical & Youth Events

## ACHIEVEMENTS

- Published A Text book on “Principles of Environmental Science & Engineering”  
ISBN : 978-93-48655-34-9 Year 2025 RK Publication.
- Presented multiple research papers at reputed National and International Conferences (04)
- NPTEL ACTIVE SPOC Certification — Jan–April 2025


## DECLARATION


I hereby declare that the above-mentioned information is true and correct to the best of my knowledge. References can be provided upon request.

 Place: Parbhani

 17 Date:

**(Yamini Narayan Deshvena)**

 7387516026

 yaminideshvena@gmail.com

•

