

**CURRICULUM**  
**VITAE**

**Mr. Raju Ramrao Kulkarni**  
**Address: Ramkrishan Nagar,**  
**Near R. R. Petrol Pump, Vasmat**  
**Road, Parbhani - 431401.**

**Contact No: +91 8805439437**  
**Email: [rajuanshu3@gmail.com](mailto:rajuanshu3@gmail.com)**

**OBJECTIVE:-**

To work for an organization which would permit me to attain goals and objectives set for itself and through them of my own, by giving me the opportunity to learn and grow simultaneously within the organization. Willing to work as a key player in a challenging and Creative environment.

**EDUCATION:-**

**Institute:** Shreeyash College of Engineering & Technology Aurangabad.

**Program:** Master of Technology

**Major:** Structural Engineering

**Institute:** Mahatma Gandhi Mission's College of Engineering Nanded (Maharashtra).

**Program:** Bachelor of Engineering

**Major:** Civil Engineering

- M.Tech. Passed in Dec 2023 with 7.68 CGPA from Dr. B.A.T.University Lonere.
- B. E. passed in Aug. 2014 with 71.87% in Distinction.
- HSC passed in June 2009 with 74.83 % in Distinction.
- SSC passed in June 2007 with 71.07 % in Distinction

**EXPERIENCE:-**

- Working as Asst. Professor in Shri Shivaji Institute of Engineering and Management Studies, Parbhani from 08/08/2014 to 15/12/2016
- Working as a City Co-ordinator in Manwath & Purna Municipal Council Dist. Parbhani from 12/10/2017 to 28/02/2018.
- Working as a Junior Engineer in Zilha Parishad Minor Irrigation Department Parbhani from 20/04/2018 to 04/06/2019.
- Working as a City Co-ordinator in Basmat Municipal Council Dist. Hingoli from 03/07/2019 to 31/01/2020.
- Working as a City Co-ordinator in Basmat Municipal Council Dist. Hingoli from 14/10/2020 to 22/08/2022.
- Working as Asst. Professor in Shri Shivaji Institute of Engineering and Management Studies, Parbhani from 25/08/2022 to Till Date.

### **AREAS OF INTEREST:-**

- Analysis, Design and Construction of Structure by innovative technique.
- Analysis of steel structure by using various software.

### **COURSES TAUGHT:-**

Undergraduate Level:-

- Fluid Mechanics (FM I &II)
- Geotechnical Engineering (GTE I &II)
- Construction, Management and Equipment
- Town and Country Planning
- Transportation Engineering
- Elements of Civil Engineering
- Engineering Mechanics

### **PROJECT DETAILS:-**

#### **“G + 3 Building Analysis by using STADD - PRO”**

My project is about analysis of G+3 Buildings by using STADD-PRO. In this we analyzed various loads coming on a structure such as earthquake loads, wind load etc.

#### **“Structural Analysis And Design of Flyover Bridge (A Comparative Study on I Girder & Box Girder)”**

A 30 Meter I Girders and 30 Meters boxed girder bridge segments under various loading conditions is considered for the present study. The structural loads are considered as per Indian Road Congress (IRC). Modeling of bridge girders are carried out using plate elements using a computer program STAAD Pro. The structural behavior of bridge girders are observed for Axial Forces, Shear Forces, Bending Moments and Principal Stresses for a Dead load and Live Load. The structural Components like Deck Slab and Girders are designed using Reinforced Cement Concrete and Prestressed Concrete. Piers and foundation of the structure is designed using Reinforced Cement Concrete. Prestressing is used for maximum tensile stresses in a structure as a system to enhance the performance.

### **CONFERENCES / SEMINARS / WORKSHOPS/ TRAINING PROGRAMMES :-**

- Attended six days' short Term Training Program (STTP) On 'Advance Research Technique and Indian Patents: - A Comprehensive Study'
- Attended Twelve Days' Faculty Development Programmed 'The Maharashtra Centre for Entrepreneurship Development (MCED)
- NEP 2020 Orientation & Sensitization Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC- Malaviya Mission Teacher Training Centre, University, Chhatrapati Sambhajinagar from 11/03/2024 to 20/03/2024
- NPTEL online Certification & Faculty Development Programme on Maintenance & Repair of Concrete Structures Jan-Apr 2024 (12 Weeks) 56%
- One Week Faculty Development Program on "Renewable Energy Sources for Sustainable Development" held during 20/02/2023 - 24/02/2023 Organized by the Department of Electrical Engineering, Yashoda Technical Campus, Faculty of Engineering, Satara in association with ISTE Faculty Chapter.
- Two Days seminar on Enhancing Quality in Higher Education through Accreditation & Ranking Organised by NKSPT's Institute of Pharmacy, Pathrikar Campus, Badnapur Dist. Jalna

- One Day Faculty Development Programme on DevOps Engineering organized by PHN Technology Pvt. Ltd.

### **Publications :-**

- **STM JOURNALS - AUTHOR** - Assessing the impact of strong wind loads on high rise buildings in proximity to the seashore.
- **STM JOURNALS - AUTHOR** -Innovations in civil engineering: Advancing infrastructure through AI Technology
- **STM JOURNALS - AUTHOR** -Assessment of fire resistance of Offshore Structure under special environmental loads: Emphasizing structural integrity and safety measures for extreme conditions
- **STM JOURNALS - AUTHOR** -Structural Analysis and Design of Flyover Bridge(A comparative Study on I girder and Box type girder
- **STM JOURNALS - AUTHOR** -SMART DUSTBIN FOR HOUSEHOLD USING INTERNET OF THINGS (IOT)
- **STM JOURNALS - COAUTHOR** -Dynamic Cost Projection: Enhancing BIM-Integrated Estimation and Budgeting in Construction Projects"
- **STM JOURNALS - COAUTHOR** - UTILIZING REMOTE SENSING & GIS FOR WATER QUALITY MONITORING
- **IJNRD JOURNALS - CO-AUTHOR** - Assessing the Impact of Strong Wind Loads on High-riseBuildings in Proximity to the Seashore

### **ROLES & RESPONSIBILITIES AT SSIEMS :-**

- Academic Audit of three years 2019-20, 2020-21, 2021-22.
- ABC Ids of Institute students.
- Internal Sr. Supervisor DBATU Summer Semester Exam 2022-23.
- Joint Chief Conductor DBATU Winter Semester Exam 2023-24.
- Joint Chief Conductor DBATU Summer Semester Exam 2023-24.
- NAAC Criteria 02 Head.
- Consultancy Head At Institute Level.
- Academic Coordinator 2022-23.
- Time Table Incharge 2023-24.
- Actively Participate as a coordinator in Technical & Yuva Beat Events at institute Level.

### **SOFTWARE PROFICIENCY:**

Basic knowledge of Microsoft Excel, Microsoft Word, AutoCad, STADD-PRO

### **PERSONAL DETAILS:**

**Name:** Kulkarni Raju Ramrao

**Date of Birth:** 14 March 1992

**Address:** C-52 B&C Quarter, Near Vidya Nagar Corner, Parbhani 431 401.

**Gender:** Male

**Nationality:** Indian

**Marital status:** Single

### **DECLARATION:**

I hereby declare that the above said information is true up to my knowledge and References are available

Upon request.

Date:

Place: Parbhani

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**Raju Ramrao Kulkarni**

Mob. No.:- 8805439437

Email Id: - [rajuanshu3@gmail.com](mailto:rajuanshu3@gmail.com)