**CURRICULUM VITAE**

**Sagar N S**B E (Civil); M TECH (Structures); AMIE

S/o Sailendra Reddy A V

#24, 4th Main 1st Cross

I U D P Layout, Chitradurga-577501

**Email** : sagarns.nss@gmail.com

**Contact** : +919738804430

**Date of Birth** : 25th April 1991

**Gender** : Male

EDUCATION QUALIFICATIONS:

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| --- | --- | --- | --- |
| **DEGREE** | **UNIVERSITY / BOARD** | **YEAR OF PASSING** | **MARKS %** |
| Post graduation | VisvesvarayaTechnolagical University | 2014 | **75.41** |
| Under graduation | VisvesvarayaTechnolagical University | 2012 | **67.82** |
| Intermediate (12th) | Karnataka PU Board | 2008 | **63.83** |
| High school (10th) | Karnataka SSLC Board | 2006 | **79.04** |

PROFESSIONAL EXPERIENCE:

* Worked as Asst. Prof. in Dept. of Civil Engineering, S J M I T, Chitradurga from October 2014 to July 2016.
* Working as Asst. Prof. in Dept. of Civil Engineering, B I T M, Bellary since July 2016.

ACADEMIC PROJECTS:

**BLDEACET, Visvesvaraya Technological University, India, Master’s Projects:**

Topic: A Fuzzy approach in the seismic analysis of long span suspension bridges.

* Develop and integrate structural bridge model implemented in eTabs to MATLAB to perform the seismic Geo-technical analysis.
* Prepared the theoretical test cases under various atmospheric conditions for the bridge statistical parameters
* Successfully simulated the bridge model from matlab under harsh earth quake conditions with a 11 % of error with respect to theoretical analysis.
* Prepared a report in mat lab representing all the simulated load, seismic, and displacement parameters.

**SJMIT, Visvesvaraya Technological University, India, Bachelor’s Projects:**

Topic: Planning, Analysis and Design of Hostel Building

* Block diagram of the building is prepared which gives the necessary elements of building and Plan of the building is prepared by Auto CAD.
* The structural elements are analysed by Kani’s Rotation Method and Moment Distribution Method and designed by using e-Tabs.

**SJMIT, Visvesvaraya Technological University, India, Bachelor (Minor Projects):**

* Extensive Survey Project
* Design of a Residential Building

SUBJECTS HANDLED:

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| **For B.E.:**   1. Building, Planning and Drawing 2. Design of Pre-stressed Concrete Structures 3. Structural Analysis II 4. Elements of Civil Engineering & Engineering Mechanics 5. Hydraulics and Hydraulics Machinery Laboratory 6. Computer Aided Design Laboratory 7. Building Materials and Construction 8. Irrigation Design and Drawing 9. Design and Drawing of RC Structural Elements 10. Concrete and Highway Materials Testing Lab 11. Design of Steel Structural Elements 12. Software Application Lab |
| **For M Tech.:**   1. Mechanics of Deformable Bodies 2. Advanced Design of RC Structures 3. Design of Plates and Shells 4. Design of Tall Structures |

TECHNICAL EXPERTISE:

Languages: C.

Operating Systems: Windows.

Software’s: Auto CAD, SAP 2000, e-Tabs, Mat lab, CYPE Professional.

LANGUAGE SKILLS:

Fluent in reading, listening, writing and speaking English.

PAPER PRESENTATION:

* Presented a paper on Fire Resistant Buildings.
* Presented a paper on Bearings in Bridges.
* Presented a paper on Arch Bridges.

PAPER PUBLISHED:

1. “Comparison of pond ash characteristics with different soils”, IJAERD, Vol.-04, Issue- 06, June 2017; Id: IJAERD2017V04I0661382.
2. “Replacement of sand with stone crushed powder in conventional concrete”, IOSR, Vol.-16, Issue- 07, Ver.- 2, July 2017.

NATIONAL/INTERNATIONAL CONFERENCE:

1. “Removal of Nickel from simulated waste water using tea waste as a natural adsorbent”, Two Days National Conference on Recent Advances in Civil Engineering (RACE-2018) held at KLECET, Chikodi during 9th and 10th 2018.

WORKSHOP/SHORT TERM COURSE/FDP:

1. “Computational Methods with Applications to Fluid Dynamics”, AICTE sponsored One week QIP Short Term Course conducted by IIT Bombay during Aug 14 – 18, 2017 (No: CE&QIP/CE/Q-9/2017-18/29).
2. “Remote Sensing, GPS and GIS in Civil Engineering”, AICTE recognized Short Term Course through ICT conducted by Civil Engineering Department, NITTTR, Chandigarh during Sept 11-13, 2017 (ICT-2448/17).
3. “Instructional Design and Delivery Systems”, One week training program conducted by NITTTR, Chennai at Ballari Institute of Technology and Management, Ballari during Dec 18 – 23, 2017 (S.No. 2017-18/EFDP-13/40).
4. “Software Application Laboratory FDP – SAL 2018”, Four day faculty development program held at Dayananda Sagar Academy of Technology & Management, Bengaluru-82 during Jan 8 – 11, 2018.
5. “CYPE Software – Applications to Civil Engineering”, Two days workshop at Department of Civil Engineering, Ballari Institute of Technology and Management, Ballari during April 20 – 21, 2018.

STRENGTHS:

* Positive Attitude.
* Leadership and Organizing skills.
* Can lead an organisation in the best and positive way.
* Adaptable and Flexible.
* Team Facilitator and Self-confident.

DECLARATION:

I hereby assure you that the information furnished above is true to the best of my knowledge.

PLACE: Chitradurga **SAGAR N S**