


Faculty Profile

| General | | | | | |
|--|--|---------------------|---------------------|-------------|---|
| Name | Shivaraj G Nayak | | | |  |
| Designation, Department & Affiliated Institution | Assistant Professor Department of Civil Engineering, P.E.S College of Engineering, Mandya - 571 401 | | | | |
| Research Area | Structural Engineering | | | | |
| Contact Number | +91 9620726360 | | | | |
| Email ID | shivaraj.msrit@gmail.com | | | | |
| Academic Profile | | | | | |
| Educational Qualifications | | | | | |
| Degree | College | University | Year of Passing | % ge | Class |
| M. Tech | MSRIT Bangalore | VTU | 2011 | 9.1 CGPA | FCD |
| B.E | MCE Hassan | VTU | 2008 | 68 | FC |
| Professional Experience | | | | | |
| Organization & dept. | Designation | Period | Total of Experience | | |
| Civil-Aid Techno clinic pvt ltd. Bangalore | QA Engineer | June 20008-July2009 | 1 year 1 month | | |
| Cruthi consultants Consortium Pvt ltd.Bangalore | Structural Design Engineer | Oct 2011-Nov 2013 | 2 years 1 month | | |
| PESCE, Mandya | Assistant Professor | Feb 2014 -till date | 06 Years | | |
| Report of Work | | | | | |
| Teaching (Details of courses taught) | <u>Undergraduate:</u> Engineering Mechanics, Materials of Construction, Strength of materials, Building planning and Drawing, Concrete technology, Basic Structural Analysis, Analysis of Indeterminate structures, Design and Drawing of RCC structures, Advanced concrete technology, Estimation and costing, Design & Drawing of steel structures, , Design of Bridges <u>Post Graduate (M. Tech):</u> Structural Design-RCC Structures, Structural Software laboratory | | | | |
| Research Guidance (Ph.D /M.Sc Engg Student awarded & pursuing) | Awarded | | Pursuing | | |
| | Ph.D | M.Sc Engg | Ph.D | M.Sc Engg | |
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| Sponsored Research (List of Projects taken up/completed and funds receiver & funding sources) | | | | | |
| Publications | | | | | |
| Papers in Refereed Journals (No.) | National | | International | | |
| | 05 | | | | |
| Papers at Conferences (No.) | National | | International | | |
| | 01 | | 01 | | |

LIST OF PUBLICATIONS

1. Shivaraj G Nayak et.al (2019). “Progressive collapse Analysis of Atypical Reinforced concrete framed Structures”. *International Journal of Engineering Research & Technology*, ISSN: 2278-0181, vol.8, Issue 05.
2. Shivaraj G Nayak et.al (2019). “Progressive collapse Analysis of Irregular Reinforced concrete framed Structures”. *International Journal for Research in applied science & Engineering Technology*, ISSN: 2321-9653, Vol7, IssueV.
3. Shivaraj G Nayak et.al (2019). “A study on Flexural Behavior of Rectangular GPC Slabs having partially restrained supports using ANSYS software. *International Journal for Research in applied science & Engineering Technology*, ISSN: 2321-9653, Vol7, IssueVI.
4. Shivaraj G Nayak et.al (2017). “Experimental Investigations on strength and weight loss due to chemical attack on self compacting concrete” Global civil Engineering Challenges in sustainable Development and climate change (ICGCSC-17) held during 17th -18th March 2017 at Mangalore Institute of Technology and Engineering, Moodbidri.
5. Shivaraj G Nayak et.al (2020). “Dynamic Behavior of Masonry infill 2D and 3D RC frames by Macro Analysis”. *International Research Journal Of Engineering and Technology*,p-ISSN 2395-0056, vol 07, Issue 07.
6. Shivaraj G Nayak et.al (2020). “Analysis of High Rise Steel and RCC Building subjected to Blast loading”. *International Journal for Research in applied science & Engineering Technology*, ISSN: 2321-9653, Vol8, Issue VIII.