

**Faculty Name: Dr. B. Sarath Chandra Kumar**

Designation: Professor

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**BIO:**

**Dr. B. Sarath Chandra Kumar**, is currently working as a Professor in Department of Civil Engineering at Sandip Institute of Technology and Research Centre, Nashik, India, has 10 years of research and teaching experience. He worked in various reputed organizations like KL University teaching versatile courses. He is a member of Institute of Engineers (INDIA) (IEI) and Indian Society of Technical Education (ISTE). He completed his bachelor's degree from G. M. R. Institute of Technology, Rajam in Civil Engineering (affiliated to Jawaharlal Nehru Technological University, Kakinada). Later finished his Master's and Doctor of Philosophy from K L University in Structural Engineering. He attended multiple FDP's as a speaker. His research interests are Geopolymer Concrete, Green Buildings. He published 44 (Forty Four) research articles in International and National referred Journals and 36 (Thirty Six) articles in the Conferences. He published Utility patent on Geopolymer Concrete and Design patent on interlocking brick. He actively organized National & International conferences, workshops, FDP's and Guest Lectures. He guided several UG and PG Students. He is acting as a reviewer for National & International journals. He was recipient of "Inspirational Young Faculty Award" by Amaravathi Research Academy, Hyderabad, India for the year 2019 and Outstanding Thesis (Master) Award by ICI (Vijayawada Centre) - UltraTech Awards 2022.

**Qualification:**

1. B. Tech (Civil Engineering)
2. M. Tech (Structural Engineering)
3. PhD

**Paper/Book/Book Chapter Publications details:**

- |                                     |      |
|-------------------------------------|------|
| 1. National / International Journal | : 44 |
| 2. International Conference         | : 36 |
| 3. Book                             | : 01 |
| 4. Book Chapter (International)     | : 02 |

**Area Research Work:**

1. Geopolymer Concrete
2. Sustainable Cementations Materials
3. Green Buildings
4. Cost effective construction material production
5. Structural properties of Cost effective Construction materials

**Experience:**

1. Teaching experience : 10 years
2. Industrial experience : Nil

**Subjects:**

1. Surveying
2. Construction Materials
3. Green Buildings
4. Concrete Technology
5. Construction Laws and Regulations
6. Advanced Prestressed Concrete
7. Resource Safety and Quality Management
8. Building Planning, Drawing and Construction Management
9. Bridge Engineering
10. Construction Project Management
11. Building Constructions
12. Design of Steel Structures
13. Design of Concrete Structures