

# Dr T. Siva Sankar Reddy

## Associate Professor



**Education Qualifications:** Doctor of Philosophy (Civil Engineering)  
**Specialization:** Structural Engineering

### ADDRESS:

- E – Block -Room No 209

### JNTUH ID:

38150403-104851

### EMAIL:

tsivasankarreddy\_civil@mgit.ac.in

### DATE OF JOINING:

04-03-2024

### EXPERIENCE - 27 Years

- Teaching - 23
- Research - 0
- Industry - 4
- Others - 0

### SUMMARY:

- Publications - 5
- Conferences - 5
- Patents - 6
- Books - 0
- Honors/Awards - 1

### EVENTS:

- Organized - 4
- Attended - 15

### Research Guidance:

1. Guiding two Students

### Honors/Awards Received:

2. Mother Theresa Excellence award, 24th June, 2012

### Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Steel Structures, Engineering Mechanics, Strength of materials, Mechanics of materials, Surveying, Reinforced Cement Concrete, Concrete Technology, Structural Analysis, Estimation & Specification, Constitution of India, Gender Sensitisation, Environmental Impact Assessment & Prestressed Concrete
- **PG:** Advanced Concrete Technology, Advanced Steel Structures, Theory of Elasticity, Shells and folded Plates & Advanced Prestressed Concrete Structures

### Publications:

1. Dr. T. Siva Sankar Reddy. "An experimental analysis on the effects of manufactured sand on the compressive strength of concrete, IJSRST18412, no 64011, ISSN: 2395-6011, 09/01/2018 page No 962.
2. T. Siva Sankar Reddy. "A study on strength characteristics of Phosphogypsum Concrete" Asian journal of civil Engineering, Corpus ID: 137937247, Published 2010.

### Patents:

1. Development of Artificial Intelligence method to Predict Compressive Strength of Concrete on 12/5/2023, No. 202311018676
2. Development of Eco-friendly Self Curing Concrete for a futuristic Technology On 28/10/2022, No. 202241059892
3. Prediction of Compressive Strength of Bacterial Concrete using Artificial Intelligence (AI) Technics On 19/8/2022, No. 202241041881
4. High Performance Geopolymer Concrete and Preparation method thereof On 8/7/2022, No. 202221035458
5. Preparation of High Strength Concrete using Multi blend mineral admixture On 3/6/2022, No. 202221028723
6. Method of manufacturing dolomite Concrete using Crushed Sea Shell as fine aggregate On 22/4/2022, No. 202221015586

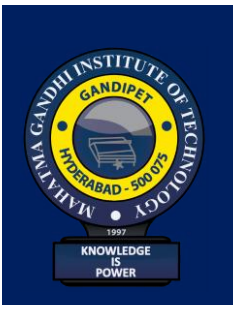
### Events Organized:

#### Conferences:

1. Two National Level
2. Two International Level

#### FDPs/STTPs:

1. One
2. Two



### Events Attended:

Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. 5 Workshops
2. 5 Webinars
3. 3 Guest Lecture

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