



Mrs. D.Tarangini

Assistant Professor



Education Qualifications: M.Tech (PhD)
Specialization: Structural Engineering

ADDRESS:

E- Block -Room No.06

JNTUH ID:

26150402-151857

EMAIL:

dtarangini_civil@mgit.ac.in

DATE OF JOINING:

16-12-2013

EXPERIENCE – 14 Years

- Teaching -9
- Industry -5

SUMMARY:

- Publications -10
- Conferences -4
- Patents -1

EVENTS:

- Organized - 2
- Attended - 40

Membership of Professional Bodies:

1. Institution of Engineers

Responsibilities Held at Institution Level:

1. Coordinator for admission of J&K students under PMSSS
2. Co-coordinator for SC/ST student welfare
3. Task group member in NEP-2020

Responsibilities Held at Department Level:

1. Project coordinator for B.Tech projects
2. Incharge for collecting details of higher studies of alumni for NBA/NAAC
3. Mentor for 1st Years

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Rehabilitation and retrofitting of structures, Concrete technology, Watershed management, Engineering Geology, Industrial wastewater management, waste management, solid waste management, Ground water hydrology, BMCP.
- **PG:** Advanced Concrete Technology, Advanced steel design

Publications:

- 1 Reliability on ANN for Analysis of High-Rise Building using ETABS, Dogo Rangsang Research Journal ISSN:2347-7180, Volume-12 Issue 02 No.02, February 2022
- 2 D. Tarangini, A.Abhilash Effect of fly ash on properties of Gap graded concrete Materials Today: Proceedings ISSN: 2214-7853, Volume 51, Part 1, 2022, Pages 475-479 June 2021
- 3 D. Tarangini, Dr. P. Sravana and Dr. P. Srinivasa Rao, Laboratory investigations on properties of Nano silica Pervious concrete, IOP Conf. Series: Earth and Environmental Science 982 (2022) 012009, doi:10.1088/1755-1315/982/1/012009
- 4 D. Tarangini, Dr. P. Sravana and Dr. P. Srinivasa Rao, Effect of nano silica on frost resistance of pervious concrete, Materials Today: Proceedings, 2022. (Article in press)
- 5 D.Tarangini & S.Jaya Prakash Narayana, Effect of Bagasse ash on Compressive strength of Concrete Aut Aut Journal ISSN:0005-0601, Volume XII, Issue VI, pp 01-06 June 2021
- 6 D. Tarangini, Dr. P. Sravana and Dr. P. Srinivasa Rao, Durability properties of Pervious concrete using Nano silica, Institution of Engineers India, 2021, https://doi.org/10.36375/prepare_u.iei.a113
- 7 D.Tarangini, B.Radha Kiranmaye, Dr.P.Sravana, Dr.P.Srinivasa Rao, Mix design challenges of porous concrete pavements modified with mineral admixtures, IOP Conference Series: Materials Science and Engineering, 1091 (2021) 012054
- 8 Study on strength properties of pervious concrete using fly ash: JETIR ISSN-2349-5162, Volume 7, Issue 6, PP 2148-2152, June 2020
- 9 Experimental study on effect of blended coarse aggregates on properties of pervious concrete, IJCIET

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Conferences:

- 1 D.Tarangini, Dr. P.Sravana, T.Srinivas, Predicting the strength and permeability of porous concrete pavement using feed-forward neural networks strategy, International Conference on Innovative Trends in Civil Engineering for Sustainable Development (ITCSD - 2019), NIT Warangal.
- 2 D.Tarangini, Dr.P.Sravana, Y.Swati, Optimizing pervious concrete mix using response surface methodology, International Conference on Innovative Trends in Civil Engineering for Sustainable Development (ITCSD - 2019), NIT Warangal.
- 3 D.Tarangini, Dr. P Sravana, Dr.P. Srinivasa Rao, Study on strength and permeability of porous concrete with different admixtures, International Conference on construction materials and smart structures for sustainable development (ICCMSSSD-2020), VNR Vignana Jyoti, Hyderabad.

Patents:

1. Deep Learning Enabled System and Method for Determining users confidence by analyzing expression, Behaviour and voice ID:202241021669

Events Organized:**Conferences:**

1. NICEST 21

Events Attended:**FDPs/STTPs:**

1. Introduction to REVIT
2. Recent Avenues in civil Engineering
3. Analysis and Modelling of Pandemic Scenarios using Empirical and GIS Techniques
4. Recent Advances in Civil Engineering
5. Emerging technologies in Civil Engineering
6. Sustainable and precast technologies
7. Inculcating Universal Human Values in Technical Education” organized by AICTE
8. Materials for Photonic Applications

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

1. Special Concrete for Special Structures
2. Achieving sustainable concrete through use of Mineral Admixtures
3. Faculty program on NBA
4. Environment Quiz participation
5. Earthquake Resistant Design of Buildings
6. Advances in Remote Sensing
7. Soil investigation methods, challenges & solutions
8. Intellectual property rights and patent filing

Online Certifications:

1. Hydration, Porosity and Strength of cementations materials-NPTEL
2. Maintenance and repair of concrete structures-NPTEL
3. Advanced concrete technology-NPTEL

Any Other Contribution:

1. Member in Dress code committee
2. Collection of student achievement details