

Dr.D.Tarangini

Assistant Professor



Education Qualifications: M.Tech, PhD
Specialization: Structural Engineering

ADDRESS:

- E- Block -Room No 6

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

EVENTS:

- Organized - 2
- Attended - 40

Membership of Professional Bodies:

- Institution of Engineers

Responsibilities Held at Institution Level:

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

Responsibilities Held at Department Level:

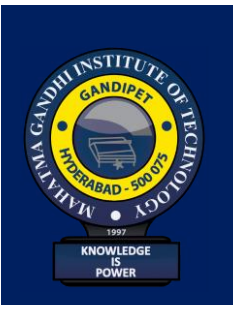
- Project coordinator for B.Tech projects, M.Tech Projects
- Coordinator for M.Tech in CASE
- Incharge for collecting details of higher studies of alumni for NBA/NAAC
- Mentor for IVth Semester Students

Courses Handled at Under Graduate /Post Graduate Level:

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

Publications:

- 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
- 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
- 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
- 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)
- 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
- 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
- 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



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- 8 Study on strength properties of pervious concrete using flyash: 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

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.

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