

# Mrs. Neeraja Pannala

## Assistant Professor



**Education Qualifications:** M.E  
**Specialization:** Structural Engineering

### ADDRESS:

- E Block-Room No.102

### JNTUH ID:

2111-150408-135319

### EMAIL:

[pneeraja\\_civil@mgit.ac.in](mailto:pneeraja_civil@mgit.ac.in)

### DATE OF JOINING:

08-08-2018

### EXPERIENCE - 15 Years

- Teaching – 8 years
- Industry -6.5 years

### SUMMARY:

- Publications - 8
- Conferences - 1

### EVENTS:

- Organized - 1
- Attended - 28

### Membership of Professional Bodies:

1. ISTE Life Member LM 121724

### Responsibilities Held at Institution Level:

1. Virtual lab coordinator
2. Member of maintenance committee
3. Bus In charge route No 34
4. Campus monitoring

### Responsibilities Held at Department Level:

1. Computer Lab In Charge
2. Mentor
3. Class In charge
4. Criteria 8 In charge in NBA

### Research Guidance:

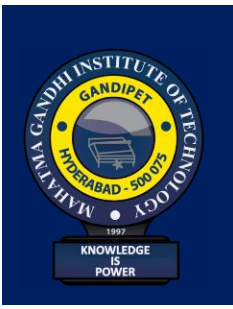
1. Guided 3 P.G projects

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

- **UG:** Concrete Technology, Retrofitting and Rehabilitation of Concrete Structures, Building Construction and Planning Management, Disaster Management, Strength of Materials –I, Engineering Mechanics
- **PG:** Theory of Elasticity, Finite Element Methods

### Publications:

1. Mrs.P.Neeraja , “ Effect of Soil-Structure Interaction on Underground and above ground RCC Buildings ” Dogo Rangsang Research Journal Volume-12 Issue 02 No.02, February 2022, ISSN:2347-7180
2. Mrs.P.Neeraja , “Self compacting concrete reinforced with natural fiber and by partial replacement of cement with lime” The Journal of Oriental Research Madras Vol. MMXXI-XCII-LXVII, November 2021.
3. Mrs.P.Neeraja , “ Investigation on progressive collapse failure in a multistorey irregular structure ”, Materials Today: Proceedings Volume 51, Part 1, 2022, Pages 538-542 June 2021, ISSN: 2214-7853
4. Mrs.P.Neeraja,” Product of M-series and Srivastava’s polynomials with generalized fractional integral operators”, Materials Today: Proceedings, Volume 51, Part 1, 2022, Pages 607-610 June 2021, ISSN: 2214-7853.
5. Mrs.P.Neeraja,” Stabilization of Clayey Soil using Rice Husk Ash and lime”, June 2021, ISSN: 0025-0422
6. Mrs.P.Neeraja,” Experimental Investigation on Properties of Concrete Enhanced by Replacement of Cement with Rice Husk Ash as an Admixture”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 9 Issue V, PP 1512-1516, May 2021, ISSN:2321-9653



7. Mrs.P.Neeraja,” Experimental Study on the properties of Non-Autoclave Aerated Concrete with varying percentages of Aluminium”, International Journal of Current Engineering And Scientific Research (IJCESR), Volume - 7, Issue-9, PP 79-85, September, 2020, ISSN:2394-0697
8. Mrs.P.Neeraja, “Site Suitability Analysis for Location of Sewage Treatment Plant”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 5 Issue XII December 2017, ISSN:2321-9653

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**Conferences:**

Presented a paper titled: “Mechanical properties of concrete using quartz and feldspar as coarse aggregates in concrete production” in National conference on Sustainable construction materials and technologies (SCMAT) March 15th and 16th 2013 at NIT Warangal.

**Student Internship :**

1. Conducted one Internship Program on STAADPRO during May 2020

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

1. Attended webinar on “Finite element approach to modelling fracture and damage in concrete structures” conducted by IITH on 22 July 2020
2. Attended Online Workshop on “Special Considerations of Seismic Analysis-unreinforced masonry wall modelling” conducted by Bentley Institute on 14 May 2020

**Events Attended:****FDPs/STTPs:**

1. Attended Online Faculty Development Program on “Sustainable and Precast Technologies” conducted by J B Institute of Engineering and Technology from 19-24 April 2021.
2. Attended Online Faculty Development Program on “Recent Trends and Research Scope in Civil Engineering” conducted by Recent Trends and Research Scope in Civil Engineering on 6-10 July 2020
3. Attended Online Faculty Development Program on “SCILAB-An Open Source Substitute for MATLAB” conducted by JNTUH College of Engineering, Sultanpur from 25-30 May 2020

**Online Certifications:**

1. Completed NPTEL course on “Advanced Concrete Technology” conducted by IIT Madras conducted during Jul-October 2019- (12weeks)
2. Completed NPTEL course on “Hydration ,porosity & strength of cementitious materials” conducted by IIT Kanpur during Jan-March 2019- (8weeks)