

Mrs. Chitturi Sravanti

Assistant Professor



Education Qualifications: Master of Technology
Specialization: Structural Engineering

ADDRESS:

- E – Block –Room No.04

JNTUH ID:

68150405-201401

EMAIL:

chsravanthi_civil@mgit.ac.in

DATE OF JOINING:

21-08-2013

EXPERIENCE – 12.6 Years

- Teaching - 10
- Industry - 2.6

SUMMARY:

- Publications - 9
- Conferences – 1

EVENTS:

- Organized - 01
- Attended - 47

Membership of Professional Bodies:

1. Member of Institute of Engineering M-1688779.

Responsibilities Held at Institution Level:

1. Member of Canteen Monitoring Committee from 2020 till date

Responsibilities Held at Department Level:

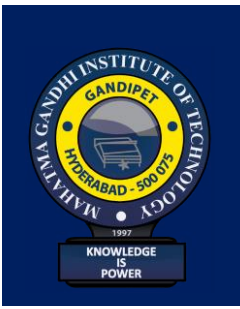
1. PG Coordinator from 2013 till date
2. In charge of Geotechnical Engineering Lab from 2014 till date.
3. Mentor Coordinator from 2016
4. Member of Department Advisor Committee.

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Strength of Materials-I, Structural Analysis-I & II, Concrete Technology, Design of Reinforced Concrete Structures, Foundation Engineering, Geotechnical Engineering-II, Ground Improvement Techniques.
- **PG:** Theory of Elasticity, Advanced reinforced concrete design, Prestressed concrete, Structural Dynamics.

Publications:

1. Sreeparvathy CM Chitturi Sravanti, “Linear Regression Analysis on the Contributory Factor of Accident Identified in Ro Safety Audit Using Python” ISTE 2021, IOP Publishing conf . Series: Earth and Environmental Science 982(2022)012051, 09 March 2022.
2. Chitturi Sravanti, Abdul Raheem “Comparative study between Outrigger structural system vs shear wall structural system in Tall Buildings”, Dogo Rangsang Research journal, IISN 2347-7180, Volume 12, Issue 02 No 02. pp 27- February 2022.
3. Chitturi Sravanti, Sreeparvathy CM “Influence of nano silica on mechanical strength of ground nut shell ash Concrete”, Materials Today: Proceedings, Volume 5, Part 1, ISSN: 221-7853. pp 455-459. June 2021 (Elsevier, Scopus)
4. Chitturi Sravanti, Sreeparvathy CM “Effect of Nano Silica on Mechanical Properties of High Strength Concrete of M60 Grade”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429, Volume 9 Issue VI Jun 2021
5. Chitturi Sravanti, Sreeparvathy CM “Dynamic Analysis of Multi-storey building with different shapes”, The International journal of analytical and experimental modal analysis (IJAEMA), Volume XIII, Issue IV, April/2021, ISSN No 0886-9367.

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6. Sreeparvathy CM Chitturi Sravanti “Study On Highway Turning Lanes”, The International journal of analytical and experimental modal analysis (IJAEMA), Volume XIII, Issue III, March/2021,ISSN No 0886-9367.
7. Sreeparvathy CM Chitturi Sravanti ,” Sustainable Construction Solutions by Replacement of Fine Aggregates with Crushed Recycled Aggregate ”, Journal of Interdisciplinary Cycle Research, Volume XIII, Issue VI, June/ 2021, pp 1377-1386, ISSN NO: 0022-1945.
8. Chitturi Sravanti, Sreeparvathy CM “Influence of Nano Silica on Mechanical Properties of M30 grade Concrete without Coarse Aggregate”, Journal of Interdisciplinary Cycle Research, Volume XIII, Issue VI, June/ 2021, pp 1366-1376, ISSN NO: 0022-1945.
9. Chitturi Sravanti, Sreeparvathy CM, K Krishna bhavani Siram, ” Effect of Glass Fibres on Strength of High Strength Self Compacting Concrete, JETIR, Vol 6, Issue 2, February, 2018, ISSN No 2349-5162.

Conferences:

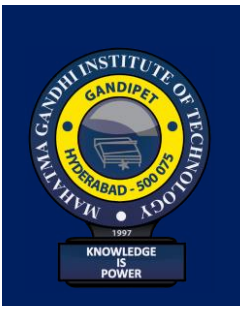
1. Sreeparvathy CM, Chitturi Sravanti, “ Sustainable Implementation of Construction Demolition Waste in Rigid Pavements”, National Conference NICEST '19, ISBN: 978-93-88808-48-4. PP 42-49, September, 2019

Events Organized:**Conferences:**

1. National Conference, NICEST '18 on Feb 16th and 17th, 2018

Events Attended:**FDPs/STTPs:**

1. Five Day Faculty Development Program(Online) on “Advances in Civil Engineering Research-ACER2021” from 25th to 29th October 2021 Organised by Department of Civil Engineering, Matrusri Engineering College.
2. Innovative Technology In Civil Engineering, Organised by Easwari Engineering College from 12th to 19th May 2021.
3. “Sustainable And Precast Technologies” Organised by Department of Civil Engineering, JBIET from 19th-24th April 2021.
4. Essentials of Outcome based education organised by MGRFDP from 15th March 2021 to 19th March 2021.
5. International Webinar/ FDP on “Relevance of Mathematics to Core Engineering Sciences organised by MGIT from 12 to 16 October, 2020
6. Intellectual property rights and patent filing organised by R&D and NISP cell, MGIT from 11.09.2020 - 12.09.2020
7. Research Advances in Civil Engineering, organised by MGIT from 3-7 August, 2020
8. Managing Sustainability in Turbulent Times organised by Dept of M & H, MGIT from 29-30 July, 2020.
9. Advances in Sustainable Construction Engineering (ASCE), Organised by Kakatiya Institute of Technology & Science, Warangal (KITSW) from 13-18 July 2020
10. Managing Online Classes And Co-Creating Moocs: 2.0 Teaching Learning Centre, Organised by Ramanujan College, University of Delhi from May 18 - June 03, 2020.
11. 47th Orientation Programme organised by UGC, HRDC, JNTUH from 08.05.2017 to 03.06.2017.



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

1. A webinar on “Global Trends in Sustainable Design of Transport Infrastructure”, Organised by UltraTech Cement Ltd.ICI on 09.04.2022
2. A webinar on “Role of Admixtures in Modern Concrete Construction”, Organised by UltraTech Cement Ltd.ICI on 12.03.2022
3. A webinar on “Developing Sustainable & Durable Concrete with Plastic Waste”, Organised by UltraTech Cement Ltd.ICI on 05.03.2022.
4. A webinar on “Achieving Comfort for All -Without Energy Depletion”, Organised by UltraTech Cement Ltd.ICI on 19.02.2022.
5. A webinar on “Bridges with External Prestressing: Future of Bridge Construction in India”, Organised by UltraTech Cement Ltd.ICI on 26.02.2022.
6. A webinar on “Sustainable Materials for Construction: Opportunities & Challenges”, Organised by UltraTech Cement Ltd.ICI on 05.02.2022.
7. A webinar on “Fascinating Story of Cement & Concrete”, Organised by UltraTech Cement Ltd.ICI on 22.01.2022.
8. A webinar on “Tale of Two Temples”, Organised by UltraTech Cement Ltd.ICI on 20.11.2021.
9. A webinar on “Panel discussion on Precast Execution Challenges- Erection Planning, Machinery & Methods”, Organised by UltraTech Cement Ltd.ICI on 30.10.2021.
10. A webinar on “Sustainable and affordable technologies for acceptable habitat in Karnataka”, organised by Department of Civil Engineering and FORCE-Forum of Civil Engineering , Presidency University, Bangalore on 13th October, 2021
11. A webinar on “Digitalization in Construction Industry”, Organised by UltraTech Cement Ltd.ICI on 09.10.2021
12. A webinar on “Building Geometries and Structural systems for Earthquake resistant buildings” Organised by UltraTech Cement Ltd.ICI on 15.05.2021
13. A webinar on “Durability and service life predictions of concrete” Organised by UltraTech Cement Ltd.ICI on 01.05.2021
14. A webinar on “Managing Change” Organised by UltraTech Cement Ltd.ICI on 17.04.2021
15. A webinar on “Design trends in concrete” Organised by UltraTech Cement Ltd.ICI on 10.04.2021
16. A webinar on “Essential tips for publishing in high impact journals” Organised by Bright talk on 05.04.2021
17. A webinar on “Case study on roads & buildings construction in Rann of Kutch Gujarat” Organised by UltraTech Cement Ltd.ICI on 27.03.2021
18. A webinar on “How to publish in groundbreaking journals” Organised by Bright talk on 26.03.2021
19. A webinar on “Compaction Technology” Organised by Darshan Institute of Engineering & Technology on 18.03.2021
20. A webinar on “Evaluating Reliability of Buried Steel Structures Based on Diffusion Theory” Organised Bright talk by on 17.03.2021
21. A webinar on “SDG-6 Clean water and sanitation ” Organised by NSDF Shimla on 07.03.2021
22. A webinar on “Testing Techniques for Self Compacting Concrete” Organised by UltraTech Cement Ltd.ICI on 05.03.2021
23. A webinar on “Awareness webinar on outcome based education and Accreditation (OBE&A)” Organised by NBA in association with JNTUH on 25.11.2020

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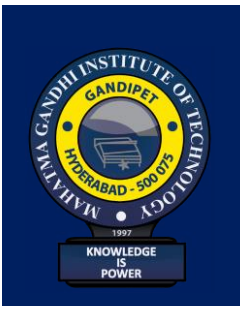
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24. A webinar on “Modern concrete- an enigmatic structural material” Organised by Vaagdevi College of Engineering on 25.08.2020
25. A webinar on “Crafting Quality Research for Academic Excellence” Organised by Dept of CSE, MGIT on 27.07.2020
26. A webinar on “Construction Challenges of & on Expressways in middle east - A case study of Oman & Kuwait” Organised by CED, MGIT on 25.07.2020
27. A webinar on “High performance concrete in Infrastructure projects” Organised by CED, MGIT on 24.07.2020
28. A webinar on “Construction challenges of large diameter pile foundations in India & Bangladesh” Organised by CED, MGIT on 23.07.2020
29. A webinar on “Deep excavation in urban environment- Challenges & Solutions” Organised by CED, MGIT on 22.07.2020
30. A webinar on “Basics of Structural Design” Organised by ICI - Ultratech cement webinar on 04.06.2020
31. A webinar on “No Cement Concrete” Organised by Hindu College of Engineering & Technology on 16.05.2020
32. A webinar on “An Overview Of Concrete Mix Design” Organised by ICI, UltraTech Concrete on 05.05.2020
33. A webinar on “Structural failures due to Geotechnical problems” Organised by RAMCO webinar on 04.05.2020
34. A National level workshop on “Adoption of Technology in Teaching and learning”, Department of IT, Swecha Academic Chapter, MGIT on 5-6 July, 2017
35. A National level workshop on “Analysis and Design of High Rise Structures”, Department of Civil Engineering, MGIT on 4th to 16th May, 2015
36. A National level workshop on “Recent advances in Concrete technology” Organised by Department of Civil Engineering, GITAM University on 19-20th march, 2014

Online Certifications:

1. Introduction to Engineering Mechanics: COURSERA on 17th April, 2022.
2. Research Methodology, Directorate of R & D, JNTUH, on 31-08.2020 to 05.09.2020
3. Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion COURSERA on 31.05.2020
4. Mechanics of Materials III: Beam Bending, COURSERA on 25.05.2020
5. Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading, COURSERA on 18.05.2020
6. Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories, COURSERA on 02.05.2020