

S. Jayaprakash Narayana

Assistant Professor



Education Qualifications: M.E.
Specialization: Structural Engineering

ADDRESS:

- E – Block Room No.001

JNTUH ID:

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EMAIL:

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DATE OF JOINING:

19-08-2011

EXPERIENCE - 13 Years

- Teaching - 12
- Research -3
- Industry -1

SUMMARY:

- Publications - 2
- Conferences - 5

EVENTS:

- Organized - 5
- Attended – 8

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/JP.samudrala>

Membership of Professional Bodies:

1. Life Member of Indian Society for Technical Education (ISTE) LM 97303.
2. Life Member of Institute of Engineers (IEI) LM 1529506
3. Life Member of FRP Institute LM 174

Responsibilities Held at Institution Level:

1. Committee member for co-curricular activities.

Responsibilities Held at Department Level:

1. Member in Department Development Committee
2. In-charge of Concrete Technology and Advanced Concrete Technology labs from 2013 to till date.

Research Guidance:

1. Guided 8 PG student projects.

Courses Handled at Under Graduate /Post Graduate Level:

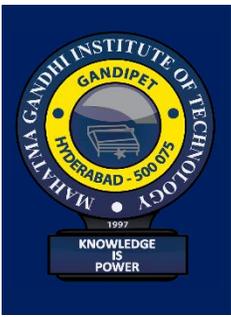
- **UG:** Strength of Materials-I and II, Structural Analysis I, Design of Reinforced Concrete Structures, Design of Steel structures, Prestressed Concrete,
- **PG:** Advanced Reinforced Concrete Design, Advanced Structural Analysis

Publications:

1. A Study on Effect of Steel Tube in Axial Behavior of CFST Stubs, IOP Conf. Series: Materials Science and Engineering, 1006, 2020 , doi:10.1088/1757-899X/1006/1/012019
2. S.JayaprakashNarayana et.al., “Site Specific Seismic Hazard Assessment for Hyderabad City”, International Journal of Earth Sciences and Engineering, Vol.3, No.55,October 2010,pp696-707

Conferences:

1. S.JayaprakashNarayana et.al., “Comparative Study on Column Performance under Seismic Loads in RCC and CFST Column Building”, Recent Advances in Mechanical, Civil and Electrical Engineering (ICRAMCE-2020)” Martin’s Engineering College, Hyderabad, 19th& 20th June 2020
2. S.JayaprakashNarayana et.al., “ Infill effect on the seismic behaviour of L shaped building ”, International Conference on Civil Engineering in Emerging Economies – ICCEE 2K18, Malla Reddy Engineering college, 15th September 2018
3. S.JayaprakashNarayana et.al “Comparative Study on Seismic Behavior of Irregular Building with RCC and CFST Columns” , National Conference on “Innovation in Civil Engineering through Sustainable Technologies”, Mahatma Gandhi Institute of Technology, February, 2018
4. S.JayaprakashNarayana et.al., “Effect of Pattern Loading on Behaviour of Structures”, International Conference on Recent Innovations in Engineering Latest Photo and Technolgy (ICRIEAT-2016), Aurora’s Scientific Technological and Research Academy, Hyderabad during 22-23rd December,2016



5. S.JayaprakashNarayana et.al “Numerical Studies on Flat Slab Structures Supported on Non rectangular Grids” National Conference on Recent Trends in Civil Engineering, Gitam University, Hyderabad, during 20-21 February, 2015

Research & Consultancy:

1. Ongoing SERB- TARE Research Project on “ Corrosion Free Ductile Synthetic Fiber Reinforced Concrete Columns using Glass Fiber Reinforced Polymer bars and Stirrups ” for Rs. 15,00,000/- sanctioned in Nov 2018
2. Involved in consultancy works assigned to concrete technology lab

Events Organized:

FDPs/STTPs:

1. Organised one week FDP on “ Research Advances in Civil Engineering”, during 3-7 August, 2020
2. Organized a Two Day faculty development program on “Teaching Engineering” during 03-04 March 2016

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

1. Organised one day workshop on “Concrete mix proportions and cube casting competition” on 8th March, 2019 in association with Ultratech Cements Ltd.
2. Organized a Student Workshop on “Structural Analysis and Design Using Staad.Pro (SADSt’17)” during 6-10 March, 2017
3. Organized a Workshop on “Structural Analysis and Design Using Staad.Pro (SADSt’17)” during 5-13 December, 2017
4. Organized a National Level Student symposium “CINFRA”, during 2012

Events Attended

FDPs/STTPs:

1. Attended AICTE Training and Learning (ATAL) Academy online FDP on “ Personal Effectiveness” from 17th July to 21st July at IIT Patna
2. Attended One week GIAN course on “Design of Anchorages in Concrete Construction and their Role in Structural Strengthening” during July 22nd to 31st, 2019 organized by IIT Hyderabad
3. Attended One-month UGC sponsored “Orientation Programme” at UGC-Academic Staff College, MANUU, Hyderabad, during 11th June to 08th July, 2014
4. Attended Two weeks AICTE sponsored Faculty Development Programme on “Refresher Course on Design of Steel Structures using IS:800-2007 (General Construction in Steel- Code of Practice), Third Revision”, during June 18- July 01, 2012, organised by VSSUT, Burla, Odisha

Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. Attended a Two day SPARC workshop on “Strengthening of Civil Infrastructure using Advanced Technologies- Challenges and Opportunities” during August 16th to 17th , 2019 , Organised by IIT Hyderabad
2. Attended an International Workshop on “Advances in Fiber Reinforced Polymers and Composites” during 13-14 March, 2014, Organized by CBIT, Hyderabad

Online Certifications:

1. Completed the Four courses from Georgia Institute of Technology through Coursera, Applications in Engineering Mechanics, Mechanics of Materials – I, III, IV

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