



# Mrs.P.Sharada

## Assistant Professor



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

### ADDRESS:

- E – Block Room No.104

### JNTUH ID:

83150402-122047

### EMAIL:

[psharadha\\_civil@mgit.ac.in](mailto:psharadha_civil@mgit.ac.in)

### DATE OF JOINING:

03-07-2012

### EXPERIENCE – 12 Years

- Teaching - 12

### SUMMARY:

- Publications - 9
- Conferences - 2

### EVENTS:

- Organized - 2
- Attended - 40

### Membership of Professional Bodies:

1. THE INSTITUTE OF ENGINEERS(INDIA)

### Responsibilities Held at Institution Level:

1. Antiragging Committee Co-convener.

### Responsibilities Held at Department Level:

1. Strength of materials Lab In charge
2. Student Mentor
3. Department Coordinator for Internal Quality Assurance cell.
4. Department Attendance Coordinator for UG.
5. Convener for Student Technical fest CINFRA -2013
6. Convener for NICEST'19 National Conference

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

- **UG:** Engineer Mechanics ,Strength of Materials-I, Structural Analysis-I, Structural Analysis II, Construction Management, Air Pollution and Control, Design of Reinforced Concrete Structures, Design of Steel Structures
- **PG:** Structural Dynamics, Advanced Structural Analysis

### Publications:

1. Sharada Polusani, ,Dr V Vinayaka Ram ,Dr M V Seshagiri Rao “*Mechanical properties of GGBSFA Geopolymer concrete with varying Silica Modulus at different curing conditions*” IOP Conf. Series: Earth and Environmental Science 982 (2022) 012014
2. Sharada polusani “*Influence of silica fume on recycled aggregate concrete*” international journal of current engineering and scientific research (ijcesr), ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, VOLUME-8, ISSUE-6, 2021
3. K Krishna Bhavani Siram, Polusani Sharada “*Assesment of NanoSilica effects on Self Compacting Concrete*”, Design Engineering, Issue 6, 2021. PP 495 -505
4. Sharada Polusani, K Krishna Bhavani Siram “*Effect Of Chlorides And Sulphates On Esp-Ggbs Based Alkali Activated Concrete At Different Molarities*” Turkish Journal of Computer and Mathematics Education Vol.12 (2021), 3850- 3856
5. Sharada polusani “*Effect of corrosion in different types of blended concrete*” International Journal of Engineering Research and Applications, ISSN: 2248-9622, Vol. 10, Issue 7, (Series-III) July 2020, pp. 10-14
6. Sharada polusani “*Glass fibre reinforced M40 grade light weight aggregate concrete*” International Journal of Emerging Technologies and Innovative Research , Vol7, Issue 6, June 2020

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7. Sharada Polusani, Praveen Kumar Vairagyam "Effect of Eggshell powder and Coconut shell Aggregate on M40 and M50 grades of concrete" International Journal of Engineering Research and Applications, Vol 10, Issue 6, June 2020 (ISSN 2349-5162)
8. Polusani Sharada, T.Sai Keerthan "Push Over Analysis on Non Linear Behaviour of RCC Frame" JETIR (ISSN-2349-5162)
9. D.Varun kumar A.Kalyani, P.Sharada "Study and Development of various concrete structures with various mixtures GGBS, Fly Ash and other component mixtures. Journal of Advanced Research in Dynamical & Control Systems", Vol 10, 13-Special Issue, 2018 (ISSN 1943-023X)

**Conferences:**

1. P.Sharada, Dr.V.Vinayaka Ram, Dr.M.V.Seshagiri Rao "Effect of curing Temperature on Flyash based geopolymer concrete at different molarities" International virtual Conference on Emerging Trends in Engineering and Management Sciences, 23<sup>rd</sup>-24<sup>th</sup> July 2021
2. S. Sanjana, P.Sharada, "Durability Studies of Alkali Activated Concrete Partially Replaced with GGBS at different Molarities" National conference on Innovations in Civil Engineering Through Sustainable Technologies-NICEST'19 organised by MGIT on 20<sup>th</sup> and 21<sup>st</sup> September 2019

**Events Organized:****Conferences:**

1. Convener for National conference on "Innovations in Civil Engineering through Sustainable technologies" 20<sup>th</sup> and 21<sup>st</sup> September 2019

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

1. Co-ordinator for National Webinar on "Deep excavations in Urban Environment - Challenges & Solutions" organised by MGIT, 22<sup>nd</sup> July, 2020

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

1. FDP on "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 14 June, 2021 to 18 June, 2021.
2. One Week Faculty Development Program on "INNOVATIVE TECHNOLOGY IN CIVIL ENGINEERING" organized by Department of Civil Engineering, Easwari Engineering College during 12<sup>th</sup> to 19<sup>th</sup> May 2021.
3. FDP on "SOFT COMPUTING TECHNIQUES" organised by Dr. S. & S. S. Ghandhy Government Engineering College, ATAL, 2<sup>nd</sup> to 6<sup>th</sup> November 2020
4. One-Week FDP "Relevance of Mathematics to Core Engineering Sciences" International Webinar/FDP organized by MGIT, Hyderabad from 12<sup>th</sup> to 16<sup>th</sup> October 2020.
5. FDP on "Earth Quake Engineering" organised by National Institute Of Technical Teachers Training And Research, Chennai, ATAL, 21<sup>st</sup> to 25<sup>th</sup> September 2020.
6. Two Day National Level Online Faculty Development Programme on "INTELLECTUAL PROPERTY RIGHTS AND PATENT FILING" organized jointly by the Research and Development (R&D) Cell and National Innovation and Start-up Policy (NISP) Cell, MGIT, 11 and 12, September 2020.



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7. One week FDP on “SCILAB-An open source substitute for matlab” organised by JNTUH College of Engineering, Sultanpur & Spoken Tutorial IIT Mumbai, 25<sup>th</sup> to 30<sup>th</sup> May, 2020
8. Two day FDP on “Effective Technical writing using LaTeX” organised by MGIT, 8<sup>th</sup> to 9<sup>th</sup> June, 2020
9. Three day FDP Analysis on “Modelling of Pandemic Scenarios using empirical and GIS Techniques” organised by LakiReddy and BalReddy college of Engineering, Kakinada, 18<sup>th</sup> to 20<sup>th</sup> May 2020
10. FDP on “Emerging Technologies in Civil Engineering” J B Institute of Engineering and Technology, Hyderabad
11. Two day FDP on 'Teaching Engineering' organised by MGIT, Hyderabad, 3-4<sup>th</sup> March, 2016
12. Two week FDP on “Analysis and Design of Tall structures” organised by MGIT, sponsored by AICTE, Delhi
13. 2-Day National e-Conference on “Innovations in Civil Engineering through Sustainable Technologies (NICEST-2021)” held during, Organized by MGIT 26-27 March, 2021
14. 2-Day National conference on “Role of Engineers in the Development of New State of Telangana” (REDNest 2015), CBIT, 23-24 Jan, 2015

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

1. “Webinar on Advances in GIS” Department of Civil Engineering, MGIT, June 10<sup>th</sup>, 2020
2. “Webinar Recapturing Advanced Technologies in Civil Engineering for Job Sustainability” Vidya Jyothi Institute of Technology, Hyderabad, June 19<sup>th</sup>, 2020
3. “Webinar on Soil Investigation methods challenges and solutions” LakiReddy and BalReddy college of Engineering, Kakinada, June 13<sup>th</sup>, 2020
4. “Webinar on Enhance Research Visibility to Improve Ranking” Organised by BrightTalk, April 16, 2020
5. “Webinar on Identifying weaker students and remedial actions” organised by Inpods Ed-Tech, May 21, 2020
6. “Webinar on online Teaching Learning and online Assessment” organised by Inpods Ed-Tech
7. One day workshop on “Advances in Concrete Technology and Good Construction practices” organised by JNTUH, 26<sup>th</sup> May, 2016
8. Workshop on “Recent Advances in Civil Engineering” ACE Engineering college Hyderabad, 3-4 January, 2014
9. Workshop on “Mission 10X”, CMRIT, Hyderabad, 1-5 May, 2012

**Online Certifications:**

1. NPTEL online certification on “Design of Reinforced Concrete Structures” offered by Indian Institute of Technology Madras, Sep-Dec 2020 & 12 week
2. NPTEL online certification on “Maintenance and Repair of Concrete Structures” offered by Indian Institute of Technology Madras, Jan-Apr 2020 & 12 week
3. Coursera certification in “Introduction to Engineering Mechanics” Georgia Institute of Technology
4. NPTEL online certification on “Advanced Concrete Technology” offered by Indian Institute of Technology Madras, Jul-Oct 2019 & 12 week
5. NPTEL online certification on “Hydration, Porosity and Strength of cementitious materials” Jan 28<sup>th</sup> to 23<sup>rd</sup> March, 8 Weeks



### **Any Other Contribution:**

1. Participated and Contributed towards distribution of essentials and food at SOS childrens villages and Basvatharakam Indo American Cancer Hospital from 5<sup>th</sup> to 8<sup>th</sup> march 2021,organised by women development Committee MGIT.
2. Participated 47<sup>th</sup> Orientation Programme organised by UGC Human Resource Development Centre, JNTUH, 8 May - 3 June, 2017

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