

Dr. Hanuma Kasagani



Designation : Assistant Professor

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Contact at : CE 226, Department of Civil Engineering,

V. R. Siddhartha School of Engineering, Siddhartha Academy of Higher Education (An Institution Deemed to be University) Vijayawada – 520 007, Andhra Pradesh.

Education

Ph. D (Structural Engineering)

2019, National Institute of Technology, Warangal-Telangana-India

Thesis Tittle: "A Study On Strength and Deformation of Graded Glass Fiber Reinforced Concrete under Uni-axial Stress."

M.Tech (Structural Engineering)

2012, National Institute of Technology, Surathkal-Karnataka-India

Dissertation Tittle: "Effect Of Recuring On Copressive Strength Of Concrete Exposed To Elevated Tempratures And Gradually Cooled In Air"

B.Tech (Civil Engineering)

2010, SRKREC, Bhimavaram-Andhra Pradesh-India

Dissertation Tittle: "A Study On Self Compaction Of Concrete"

Experience

| Period | Designation | Institution / Organization |
|-----------|---------------------|--|
| 2018-till | Assistant Professor | Velagapudi Ramakrishna Siddhartha Engineering College |
| date | | |
| 2014-2018 | Research Scholar | National Institute of Technology, Warangal |
| 2013-2014 | Assistant Professor | Vignan's Foundation for Science, Technology & Research (Deemed |
| | | to be University) |

Research Interests

Broad Area of Research:

3D Concrete Printing, Fiber Reinforced Composites, Functionally Graded Materials, Structural Health Monotoring, Corrosion Resistant Structures, Repair and Rehabilitation of RC Structures, Buckling Behaviour of Steel Structures.

Honors and Awards

- Received **Outstanding Concrete paper** of Andhra Pradesh for the ICI (Vijayawada Centre) UltraTech Award – 2020
- Received Institute Teaching Assistantship as a Ph.D Research Scholar at NIT Warangal from Ministry of Human Resources Development (MHRD) from December 2014 to September 2018.
- Received Institute Teaching Assistantship at NIT Surathkal from Ministry of Human Resources Development (MHRD) during M.Tech, from July 2010 to June 2012.
- Received **Best Teacher Award** from Vignan's Foundation for Science, Technology & Research (Deemed to be University).
- Session Chair at National Virtual Conference 2020 on Sustainable Construction Technologies and Advancements in Civil Engineering on 09/10/2020 and 10/10/2020 organized by Department of Civil Engineering, Shri Vishnu Engineering College for Women(Autonomous) In association with Indian concrete institute -Student Chapter.
- Expert session on 10/06/2021 as part of Faculty Development Programme (Online) on Advanced Applications of structural concrete in Civil Engineering organized by department of civil engineering, K L Deemed to be University, in association with ICI – K L Student Chapter.
- Co-Chair in one of the technical sessions during Two-day International Conference on Advances in Civil Engineering (ICACE-2021) organized by Department of Civil Engineering, K L Deemed to be University during 25-26 June, 2021.
- Session Chair in the International Conference on Innovative and Sustainable Technologies in Civil Engineering (ISTCE 2021) organized by the Department of Civil Engineering, Bapatla Engineering College, Bapatla, held between September 24th & 25th, 2021.

Courses Taught

• Engineering Mechanics, Mechanics of Materials – 1 & 2, Structural Analysis – 1 & 2, Advanced Bridge Engineering, Advanced Concrete Structures, Computer Aided Reinforced Concrete Design, Technologoy & Society, Environmental Engineering, Analysis and Design of RC Structures using STAAD Pro Lab, Auto Desk-Reviet and Excel for Engineers Lab, Building Information Modelling Lab, 3D Concrete Printing Lab

Research Profile

Recognized Research Supervisor

| S.No. | Department | University |
|-------|-------------------|--|
| 1 | Civil Engineering | Siddhartha Academy of Higher Education |

Publications

The recent publications and research contributions can be viewed from the following URLs

| Google Scholar | https://scholar.google.com/citations?user=8277k2YAAAAJ&hl=en&oi=ao |
|----------------|--|
| Scopus ID | 57195671417 |

| ORCID | https://orcid.org/0000-0002-1791-9246 |
|---------------|---|
| dblp | |
| Publons | |
| Research Gate | https://www.researchgate.net/profile/Hanuma-Kasagani?ev=hdr_xprf |
| LinkedIn | https://www.linkedin.com/feed/?trk=guest_homepage-basic_google-one-tap- |
| | submit |

> Sponsered Research Projects

➤ Hanuma Kasagani (PI) and Ch. Srinivas (CO-PI)""Experimental Investigation on Stainless Steel Reinforcement in Concrete Structures"- Project Submitted to Rail Vikas Nigam Limited (RVNL) - (Rs.10 Lakhs)

Consultancy Projects

| Completed | 01 |
|-----------|-----|
| On-going | Nil |
| Applied | Nil |

Patents

| Granted | Nil |
|-----------|-----|
| Published | Nil |
| Applied | |

Invited Talks:

| No. of Invited Talks | 1 |
|----------------------|---|
|----------------------|---|

Professional Service / Reviewer

- Reviewer in Structures and Buildings, ICE
- Reviewer in International Journal of Steel Structures
- Reviewer in Construction and Building Materials
- Reviewer in IEEE journal
- Reviewer in Innovative Infrastructure Solutions (IISS)
- Reviewer in International Journal of Steel Structures (SSIJ)
- Reviewer in Structural Concrete

Professional Development Activities - Participations

| Faculty Development and Training Programmes | 10 |
|---|----|
| (at least 5 Days) | |
| International / National Level Seminars | 2 |

| International / National Level Conferences | 4 |
|--|-----|
| Workshops | 5 |
| Instructor Led / Self-Paced Courses | Nil |
| Webinars | 4 |

Professional Bodies Membership Details

| 12682 | Indian concrete institute (ICI) |
|-------|---------------------------------|

(Dr. HANUMA KASAGANI)