

- **PROFILE**

Mr. Vegiraju Naresh Kumar Varma, Assistant Professor in Department of Civil Engineering joined at Gokaraju Rangaraju Institute of Engineering and Technology in May 2015. He has graduated from Masters of Technology in Structural Engineering from JNTUH, Hyderabad, Telangana and Bachelor of Technology in Civil Engineering from University College of Engineering (A) Osmania University, Hyderabad, Telangana. He has over 5 years of academic experience in Gokaraju Rangaraju Institute of Engineering and Technology (GRIET). He has good communication skills, administrative abilities. Experience in planning and coordinating of various structural designs. His research interests include steel, concrete, masonry, timber, and composite buildings and bridges, innovative structural systems and structural rehabilitation, smart materials in structures. He is holding additional responsibility as Exam Branch coordinator GRIET. He is also a Life member of International Association of Engineers (IAENG).

Recent Photo



Mr. Vegiraju Naresh Kumar Varma, Assistant Professor

Contact:

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Curriculum Vitae

Education Details:

- ♦ M.Tech. (Structural Engineering) from JNTUH, Hyderabad, Telangana, India in 2014..

- ♦ B.E (Civil Engineering) from University College of Engineering (A) Osmania University, Hyderabad, Telangana, India in 2012.

Experience

- ♦ Assistant Professor in Civil Engineering at Gokaraju Rangaraju Institute of Engineering and Technology Hyderabad from 22 May 2015 to till date.

Other Academic Contributions:

- Organizing Member, “Sustainable Technologies in Civil Engineering: Perspectives and Strategies (STEPS)”, Gokaraju Rangaraju Institute of Engineering & Technology (GRIET), 2015.
- Organizing Member of the events the occasion of “Engineers Day” on 15th September 2015.
- Organizing Member of the events on the occasion of United Nations International Day of peace on 21st September. & United Nations International Day of Non-Violence on 2nd October from 2016.
- GRIET Exam Branch Coordinator since March 2017.

Major Career Interests:

To be involved extensively in Teaching, Consultancy and Research activities relevant to Industry and Society.

Research Interests:

Self Curing Concrete, Blended Concrete with Supplementary Cementitious Materials (SCM's)

Subjects Taught:

Under Graduate Level:

1. Design of Reinforced Concrete Structures
2. Design of Steel Structures
3. Structural Analysis
4. Highway Materials Lab
5. Strength of Materials Lab
6. Engineering Graphics

Post Graduate Level:

1. Advanced Steel Design
2. Theory of Elasticity and Plasticity
3. Computer-Oriented Numerical Methods in Structural Engineering
4. Advanced Concrete Technology Lab

Journal Publications/Conference Proceedings:

International Journals	4
National Journals	-
International Conferences	3
National Conferences	-
Total =	7

PROFESSIONAL PROGRAMS ATTENDED:

- Participated in Two-week ISTE STTP on “INTRODUCTION to STRUCTURAL ENGINEERING”, by Indian Institute of Technology Kharagpur. January 2016.
- Participated a two-day national conference on “Recent Innovations in Civil Engineering” (RICE2017) on 15-16 Dec 2017, Dept. of Civil Engg. GRIET.
- Participated in AICTE Approved Faculty development program (FDP201X) on “Pedagogy for online and blended Teaching-Learning process” Two-week Equivalent FDP was held under the aegis Madan Mohan Malaviya National Mission for Teachers and (PMMMNMTT), (MHRD) Conducted by IIT Bombay from 14th Sep to 12th Oct 2017.
- Participated in a AICTE Approved Faculty development program (FDP101X) on “Foundation program in ICT for Education” Two-week Equivalent FDP was held under the aegis Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNMTT), (MHRD) Conducted by IIT Bombay from 3rd Aug To 7th Sep 2017.
- Participated in a five day Faculty development program on “MATLAB Applications in Civil Engineering” from 27-Feb2017- 3 Mar 2017.
- AICTE Margadarshan FDP on Writing Papers and Research Methodologies, 7 May 2020 to 13 May 2020.
- Online Faculty Development Program on “RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE”, organized by Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad, 21 – 23 May 2020.
- FDP on “Building Information Modeling (BIM)” in association of BIMgraFX integrated Pvt Ltd, held at GRIET from 30 Nov 2018 to 6 Dec 2018.
- FDP on Global Trends in Civil & Infrastructural Engineering (GTCIE-2020), 26 -30/05/2020
- Principles of RCC design up to and beyond Limit states, applications & Limitations of IS:456-2000” organized by National Institute of Technical Teaching Training & Research, Kolkata(Under MHRD) , Remote centre of GRIET, 16 Sep 2019 to 20 Sep 2019.
- Participated in Two day workshop on POPULARIZATION OF GEO SPATIAL TECHNOLOGIES FOR THE BENEFIT OF ACADEMIA, organized by Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad.

Publications

LIST OF PAPER PUBLICATIONS

JOURNALS:

❖ INTERNATIONAL:

1. Compressive strength and durability studies on concrete with sponge iron scrap material as coarse aggregate. eISSN: 2319-1163 | pISSN: 2321-7308
2. Performance evaluation of u-block lintel beam elements using fracture mechanics. International Journal of Civil Engineering and Technology (IJCIET) Volume 8, Issue 9, September 2017, pp. 486–497, Article ID: IJCIET_08_09_057

3. Seismic Effect of Regular and Irregular RC Building with and without Infill frames using ETABS (IJRTE) ISSN:2277-3878, Volume-8 Issue-5, January 2020.
4. Mechanical Properties of Light Transmitting Concrete (IJITEE), Volume-9, Issue-3, January 2020.

CONFERENCE PROCEEDINGS:

❖ INTERNATIONAL:

1. Seismic impact on multi-storied building having shear walls with and without openings, **ICONTIME-2020**, June 2020.
2. Study in the Base Shear Variation for Irregular and Regular Structures in all the Seismic Zones for all Soil Types, **ICMSTE2K21**, November 2020.
3. Earth quake analysis of Regular and Irregular Structures for all the soil types in Seismic Zone V, **ICMSTE2K21**, November 2020.