

Dr. G. Venkata Rama Subba Rao



Designation : Associate Professor
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Contact at : Tiffac Block GF 120, 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 (Civil Engineering)

2013, Sri Venkateswara University, Tirupati

M.Tech (Soil Mechanics and Foundation Engineering)

2005, Jawaharlal Nehru Technological University, Kakinada

B.Tech (Civil Engineering)

2002, Andhra University, Visakhapatnam

Experience

Period	Designation	Institution / Organization
2017-Till Date	Associate Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2016-2017	Associate Professor	Andhra Loyola Institute of Engineering & Technology
2010-2016	Associate Professor	SRK Institute of Technology
2009-2010	Sr. Assistant Professor	SRK Institute of Technology
2007-2009	Assistant Professor	SRK Institute of Technology
2006-2007	Lecturer (Assistant Professor)	KL College of Engineering
2005-2006	Associate Lecturer	Sir CR Reddy Polytechnic

Research Interest

Broad Area of Research:

Geotechnical Engineering	Computational Geomechanics, Geosynthetics
Construction materials	Low carbon materials

Honors and Awards

Nil

Courses Taught

- Advanced Soil Mechanics (PG Level)
- Soil Mechanics (Geotechnical Engineering -1) (UG Level)
- Foundation Engineering (Geotechnical Engineering -2) (Taught at UG and PG Level)
- Geotechnical Engineering Laboratory (Taught at UG and PG Level)
- Ground Improvement Techniques (Taught at UG and PG Level)
- Geosynthetics in Civil Engineering (PG Level)
- Geosynthetics and Reinforced Soil Structures (PG Level)
- Computer Application in Geotechnical Engineering Laboratory (PG Level)
- Geosynthetics and Rock Mechanics Laboratory (PG Level)
- Concrete Technology (UG Level)
- Transportation Engineering-I (UG Level)
- Environmental Studies (UG Level)
- Engineering Graphics (Geometrical Drawing)
- Computer Aided Engineering Drawing (CAED) Laboratory
- Surveying
- Surveying Field Work
- Building Planning and Drawing
- Construction Management-PERT & CPM
- Estimating, Specification and Contracts
- Design Thinking
- Design Thinking and Civil Engineering Workshop
- Innovation, IPR and Entrepreneurship

Research Profile

Recognized Research Supervisor

S.No.	Department	University
1	Civil Engineering	JNTUK
2	Civil Engineering	SAHE

Consultancy / Industry Projects

Completed	3
On-going	Nil

Invited Talks

No. of Invited Talks	8
	<ol style="list-style-type: none">1. Presented expert lecture on 9th June 2020 during THREE DAY NATIONAL LEVEL WORKSHOP ON-"CURRENT DEVELOPMENT IN CIVIL ENGINEERING: NEED FOR SUSTAINABLE DESIGNS", 8th-10th June 2020, Organized by Department of Civil Engineering, LIMAT.2. Presented expert lecture on 24th June 2020 during a Two-day Seminar on "Emerging Trends in Building and Construction Technology", 24.06.20 - 25.06.20, Organized by the Department of Civil Engineering, RISE Krishna Sai Prakasam Group of Institutions, Ongole.3. Delivered guest lecture on "Seepage Analysis of Soils" on 7th Feb 2020 at Sir C.R. Reddy Engineering College, Eluru.4. Delivered guest lecture on "Sub-soil Investigations" on 28th August 2019 at RISE Krishna Sai Group of Institutions, Ongole.5. Delivered guest lecture on "An Insight into Sub-soil Explorations" on 6th December 2017 at PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.6. Delivered invited lecture on "Soil Exploration", during 'Three day Workshop on Industrial Practices on Planning, Design & Construction of Buildings', 28th to 30th December 2016 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.7. Delivered invited lecture on "Understanding Geotechnical Engineering", during 'A One-day Workshop on Soil Mechanics', 25th October 2014 at Sarada Institute of Technology & Science, Raghunadhapalem (V), Khammam.

	8. Delivered invited lecture on “Improving Problematic Ground during ‘A 2-day Workshop on Advances in Civil Engineerin (ACE-2012)’, 6 th -7 th July 2012 at M.V.R. College of Engineerin, Pariatala, Vijayawada.
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Professional Service / Reviewer

- Environmental Geotechnology (SCI indexed Journal)
- Environment, Development and Sustainability (SCI indexed Journal)
- Archives of Civil and Mechanical Engineering (SCI indexed Journal)
- Structures and Buildings--Proceedings of the ICE (SCI indexed Journal)
- Journal of Rock Mechanics and Geotechnical Engineering (SCI indexed Journal)
- Journal of Engineering Research (SCI indexed Journal)
- Elsevier Transportation Infrastructure Geotechnology (SCOPUS indexed journal)

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	50
International / National Level Seminars	30
International / National Level Conferences	10
Workshops	20
Webinars	28

Professional Bodies Membership Details

LM-2476	Life Member in Indian Geotechnical Society
LM-33908	Life Member in Indian Roads Congress
LM-1754	Life Member in Indian Society for Rock Mechanics and Tunnelling Technology
M-147335-7	Life Member in Institution of Engineers
LM-52162	Life Member in Indian Society for Technical Education
	Life Member in Indian Association for Computational Mechanics (MIndACM)

(Dr. G. Venkata Rama Subba Rao)