

S.Venkat Charyulu

Assistant Professor

Sowmithri Venkat Charyulu working as Assistant Professor in Department of Civil Engineering Gokaraju Rangaraju Institute of Engineering and Technology (GRIET). He has 12 years teaching experience and above 14 years of industrial experience. He is graduated from Osmania University and Post Graduated (in Hydraulics and water resources Engineering) from Jawaharlal Nehru Technological university Hyderabad (JNTUH). He is now pursuing Ph.D from JNTUH Hyderabad. He is expertise in Drip irrigation, Building construction and project management fields. He is interested in the GIS applications and Decision support systems in water resources.. He has published papers at IIT Hyderabad International conference and several papers at JNTUH national conference. He has association with professional bodies such as MISTE . He is member of BOS at GRIET . He Organized Fluid mechanics work shop in GRIET campus. He has published 9 various papers in the national and international conference .He is expert in handling Fluid Mechanics and Hydraulic subject. He shared his skill and knowledge to the students in acquiring the subject with ease. He has Guided 5 UG projects. As a Green Campus coordinator He has designed and Executed Rainwater harvesting structures in GRIET campus.



Contact Details:

Name : S.Venkat Charyulu

Department of Civil Engineering

Gokaraju Rangaraju Institute of Engineering & Technology

Hyderabad- 500 090, India

Email: vsrini51@gmail.com, venkatsowmithri@griet.ac.in

Ph.no 8247726845,8019802415

Curriculum Viate

Educational Qualifications:

- (Ph.D) Water Resources Engineering pursuing from JNTU Hyderabad
- M.Tech. 2013 (Hydraulics and water Resources Engineering) Civil Engineering from Jawaharlal Nehru Technology university Hyderabad India
- B.E 1994 Civil Engineering from Osmania university Hyderabad India
- JNGP 1991 Ramanthapur Polytechnic Diploma in Civil Engineering (DCE) from State Board of Technical Education and Training, A.P.

Experience & Other Academic Contributions:

- ◆ Teaching Experience : 11 yrs
 - ◆ Research Experience- : 4 yrs
 - ◆ Industry Experience : 14 yrs
 - ◆ Presently working : Assistant Professor in the Department of Civil Engineering, GRIET, Hyderabad from July 2010 to till date.
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- ◆ Worked as Assistant professor from July 2009 to June 2010 in CMR College of Engineering, kondlakoya Hyderabad.
 - ◆ Worked as Design Engineer from 1996 to July 1998 in Pioneer Poly Fab Limited. Drip Irrigation System .Hyderabad.
 - ◆ Worked as Executive Engineer from 1999 to July 2002 in IVG Construction Hyderabad
 - ◆ Worked as Project Manager from 2002 to 2003 in NISSET (Govt . Institute) Hyderabad
 - ◆ Worked as Executive Engineer from 2004 to July 2009 in IVG Construction Hyderabad

Major Career Goals : To be involved extensively in Teaching activities relevant to Industry and Help full to students and Society .

Association with Professional Bodies

- Green campus and IGBC student chapter
- MISTE

Research Interest

1. GIS applications in water resources
2. Decision support systems in water resources
3. Irrigation application
4. Water resources application
5. Swat models for water resources
6. Mod flow- Ground water flow application
7. Hydraulic and Water Resources Engineering

Subjects Taught**Under Graduate Level :**

1. Engineering Drawing
2. Building Construction and planning and Drawing
3. Water Resources Engineering-I
4. Water Resources Engineering -II

5. Fluid Mechanics
6. Hydraulics and Hydraulic machinery
7. Surveying –I
8. Surveying –II
9. Fluid Mechanics Lab
10. Hydraulics and Hydraulic machinery Lab
11. Surveying –I Lab

Journal Publications/Conference Proceedings:

International Journals	
National Journals	1
International Conferences	6
National Conferences	4
Total =	11

Achievements and Awards:

- **Best Paper Award Received From E Sewm 2017 Jntuh National Conference**

International

- ❖ Venkat charyulu , S G.k.Viswanadh (2020)“Model Study Of DSS For Water Management” “2nd International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED 2020) held at GRIET from 10th – 12th July 2020, E3S Web of Conferences Eissn: 2267-1242 , 18401119(2020),ICMED220
- ❖ Venkat charyulu , S R. Ravinder, Y.Kamalaraju (2020)“Evaluation Of Ground Water Quality Bachupally,Nizampet And Pragathinagar Villages” “2nd International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED 2020) held at GRIET from 10th – 12th July 2020, E3S Web of Conferences Eissn: 2267-1242, 18401105(2020),ICMED220
- ❖ Venkat charyulu , S 2019 “Impact Of Ground Water Due To Solid And Liquid Dump And Evaluating Various Parameters In The Leachte” International Journal Of Innovative Technology And Exploring And Engineering, ISSN 2278-3075, vol 8 and issue 9, july25-2019,

- ❖ Y. Kamala Raju, S.Venkat Charyulu, T. Srikanth (2019) , “Influence Of Support Reactions On RCC Building Frames A Computational Method”; International Journal Of Recent Technology And Engineering, 8th volume 3 issue,2019,page 4710-47-15,ISSN 2277-3878
- ❖ Venkat charyulu , S V. Mallikarjuna Reddy (2020) “Traffic volume analysis of newly developed semi urban road” ;E3S Web of Conferences - eISSN: 2267 124 2
2nd International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED 2020) 18401116(2020),ICMED220

Conference Proceedings

International Conferences:

1. Paper Presentation At IIT Hyderabad S. Venkat Charyulu ,Dr. Gk Vishwanadh (2014) MTSWRM-14 International Conference. “Sedimentation Evaluation Using Remote Sensing And Gis Using:A Case Study Of Himayat Sagar ” Fron 26-29 December2014
2. National Conference On Recent Innovations In Civil Engineering Materials RICEM-2019

National Conferences:

1. Paper Presentation At Jntu Hyderabad S. Venkat Charyulu And Dr. G.K Vishwanadh , “Reservoir Capacity Evaluation Using Different Techniques:A Case Study Of Himayatsagar”, IIT H MTSWRM , 30April -July2015
2. Paper Presentation At JNTU Hyderabad S.Venkat Charyulu And Dr. G.K Vishwanadh , Dr. M.V.S.S Giridhar “Effective Rainwater Harvesting By GIS Analysis In GRIET Campus”, 21-12-2017 BPB Publication, 30April -July2015
3. Hydrological Modelling With Swat And Ground Water Modelling With Mudflow Conducted By Department Of Civil Engineering IIT Hyderabad From 14-23 December2014
4. Participated Two Days National Conference On Recent Innovations In Civil Engineering (RICE-2017) December 15-16, 2017, GRIET, Hyderabad,

PROFESSIONAL PROGRAMS ATTENDED:

1. Four weeks FDP on “Coursera – water resource policy ”, (online) from 01 July - 03 August 2020.
2. Two day Workshop on “Online Tools & Software for Remote Teaching-Learning”, JNTUH (online) from 24 – 25 April 2020.
3. Two week FDP on “Digital Transformation in Teaching Learning Process (DTITLP)”, NPIU (Online) from 17th Jan 2020 to 07th Feb 2020.

4. One day national conference “ICT Academy Bridge 2018” - The Largest Industry Institute Interaction Event of ASIA conducted ICT Academy at Hyderabad on 24th Oct 2018.
5. Two day workshop on “Modern developments in concrete and building technology” at GRIET from 2nd – 3rd Feb 2018.
6. One Week Course Work On “Research Methodologies” On 1to21-April, 2018, At Directorate Of Research And Development, JNTUH
7. Two day National workshop on “Sustainable technologies in Civil Engineering, Perspectives and Strategies” (STEPS-2016) at GRIET from 20 Dec 2020
8. Two day National conference on “Recent Innovations in Civil Engineering” (RICE 2017) at GRIET from 15th – Dec 2017.
9. Two-Week AICTE approved FDP Under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT) on "Pedagogy for Online and Blended Teaching-Learning Process (FDP201x)” from 14 September to 12 October 2017 conducted by Indian Institute of Technology, Bombay.
10. Two-Week AICTE approved FDP Under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT) on " Foundation Program in ICT for Education (FDP101x)” from 03 August to 07 September 2017 conducted by Indian Institute of Technology, Bombay.
11. Faculty Development Program on “Matlab Applications” from 27th Feb – 3rd Mar 2017
12. National workshop on Sustainable technologies in Civil Engineering, Perspectives and Strategies (STEPS-2016) at GRIET on 21st Dec 2016
13. Faculty development Programme on Sustainable technologies in Civil Engineering, Perspectives and Strategies (STEPS-2015) at GRIET from 28th- 30th Dec 2015
14. Two Day National Conference On Water Environment And Society (NCWES)2014, Organized By Center For Water Resources Institute For Science And Technology 2014-07-30 To 2017-07-31 JNTU Hyderabad
15. Two Day National Conference On Water Environment And Society NCWES-15 “Reservoir Capacity Evolution Using Different Techniques” , 2015-07-30 To 2015-07-31 JNTUH
16. Three Day National Workshop On “Sustainable Technologies In Civil Engineering: Perspectives And Strategies (STEPS-2015)” On 28-30 Dec, 2015, At Department Of Civil Engineering, GRIET.
17. Two Day National Workshop On “Sustainable Technologies In Civil Engineering: Perspectives And Strategies (STEPS-2014)” On 16-17 Dec, 2014, At Department Of Civil Engineering, GRIET.
18. One Day National Workshop On “Sustainable Technologies In Civil Engineering: Perspectives And Strategies (STEPS-2013)” On 27-28 Dec, 2013, At Department Of Civil Engineering, GRIET.
19. One Day National Workshop On “Sustainable Technologies In Civil Engineering: Perspectives And Strategies (STEPS-2012)” On 19 Dec, 2012, At Department Of Civil Engineering, GRIET.
20. One Day National Workshop On “Sustainable Technologies In Civil Engineering: Perspectives And Strategies (STEPS-2011)” On 17 Dec, 2011, At Department Of Civil Engineering, GRIET.

21. Two Day National Work Shop On “Design And Analysis On STAAD. Pro” On 23rd&24th Jan 2013 Conducted By Department Of Civil Engineering, Gokaraju Rangaraju Institute Of Engineering & Technology
22. Participated A Two Day National Conference On “Recent Innovations In Civil Engineering” (RICE2017) On 15-16 Dec 2017, Dept. Of Civil Engg. GRIET
23. Two Day National Conference On “Recent Trends In Concrete And Construction Technology” On 27-28 Feb 2013, Dept. Of Civil Engg. GRIET
24. Two Day National Conference On “Advance Surveying Using Total Station ” On 22-23 Feb 2013, Dept. Of Civil Engg. GRIET
25. Participated GIAN Global Initiative For Academic Networks Certificate Program Hydrological Modelling Using SWAT 2015-12-14 To 2015-12-23 At IIT Hyderabad
26. Work Shop Coordinator Program For TWO Week ISTE Work Shop On Fluid Mechanics At IIT Kharagpur, NMEICT (MHRD) On 20th May To 30 May 2014
27. Participated In FDP Conducted By NSTEDB Faculty Development Program From 2015-03-26 To 2015-04-08 At Gokaraju Rangaraju Institute Of Engineering And Technology (GRIET)
28. One Day Work Shop On Advances In Water Resources Management 2011-04-23 At Gokaraju Rangaraju Institute Of Engineering And Technology (GRIET)
29. Organized A Two Day National Conference On “Intelligent Surveying” 13 Dec 2013, Dept. Of Civil Engg. GRIET

Institutional Activities

1. Work Shop Co-Ordinator, “Introduction Fluid Mechanics” By IIT Kharagpur, NMEICT (MHRD) On 1st March To 15th 2015 Conducted At Gokaraju Rangaraju Institute Of Engineering And Technology (GRIET)
2. Organized The Work Shop “ Intelligent Surveying” At GRIET, Hyderabad.2013
3. Organized Work Shop On Day National Conference On Sustainable Technologies, “Sustainable Technologies In Civil Engineering: Perspectives And Strategies (STEPS-11)”, Gokaraju Rangaraju Institute Of Engineering & Technology (GRIET),
4. As A Co-Coordinator Work Shop National Conference On On Sustainable Technologies STEPS 2016 In Department Civil Engineering GRIET
5. In Charge For FM And HHM Lab In Department Civil Engineering GRIET
6. Alumni Coordinator For GRIET
7. Guide For The UG Final Year Batch(Asper Allotment) Students And III Year Mini Projects Students(As Per The Allotment)

Professional Membership

1. Life Member Of Indian Society For Technical Education (I.S.T.E.)