

CURRICULUM VITAE

M.Venkata Rao, M.E.(Structural Engg),(PhD)

Assistant Professor, Civil Engineering
S.R.K.R Engineering College
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EDUCATION

Degree/Certificate	Class	College/University	Year
Doctor of Philosophy		Annamalai University, Chidambaram,608002 India	Pursuing
Master of Engineering (Structural Engineering)	First Class	Andhra University, Visakhapatnam 530003 India	2016
Bachelor of Engineering (Civil Engineering)	First Class	Andhra University, Visakhapatnam 530003 India	2012

EXPERIENCE

Organization	Position	Nature of job	Period
SRKR Engineering College, Bhimavaram, AP	Assistant Professor	Teaching and Research	August 2014 to date

Administrative experience

- Department Timetable Coordinator
- In charge for Strength of Materials Laboratory Consultancy Works
- Member of Center for Soft Computing, SRKREC
- Department coordinator for PMKVY program
- Class work Monitoring Committee Member

Membership of Professional Bodies

- Associate Member of Institution of Engineers(I)

Subjects Taught

- Concrete Technology(UG)
- Reinforced Concrete Structures(UG)
- Structural Analysis (UG)
- Fluid Mechanics(UG)
- Water Resources Engineering (UG)
- Project Planning& Management(UG)
- Environmental Sciences

RESEARCH SUPERVISION

Under-graduate level projects guided: 08

Post-graduated level projects guided: 03

Under-graduate level projects guiding: 04

Post-graduated level projects guided: 01

Acts as:

1. **Co-Convenor** for Student Technical Symposium SUPERNOVA-2K17&SUPERNOVA-2k18
2. **Chief coordinator** for conducting Civil Bridge Designing Workshop, S. R. K. R Engineering College, 20-21 Dec, 2017
3. **Faculty Coordinator** for student Technical Symposium SUPERNOVA -2K20
4. **Faculty Coordinator** for Workshop on “Tall Buildings”, SRKR Engineering College,Bhimavaram,19-20 Dec 2016.
5. **Faculty Coordinator** for Workshop on “Bridge Design& Fabrication”,SRKR Engineering College,Bhimavaram,20-21 Sep 2014.

PUBLICATIONS

(A) Journals:

International:

1. K.Niteesh,M.Venkata Rao,T.Vamsi Nagaraju (2019).Influence of Steel Fibers on Flexural Behaviour of Concrete ,International Journal of Research and Analytical Reviews ISSN:2348-1269, Vol:6 Issue2 June 2019,pp 677-679.
2. A.Srinivasa Varma,V.Chankaya Varma , M.Venkata Rao, T.Vamsinaga Raju .Study on Strength Characteristics of GGBS Modified Fiber Reinforced Concrete ,ISSN:2248-9622,vol9 :issue 10 Series I,oct 2019,pp71-74
3. M. Venkata Rao, Aditya Akhilesh Varma R, Ajay Babu T(2018). Compressive and Split Tensile Strength Characteristics of Silica Fume Modified Fiber Reinforced Concrete, *International Journal of Engineering Research and Application* ISSN : 2248-9622, Vol. 8, Issue 6 (Part -V) June 2018, pp 13-20
4. M. Venkata Rao, Ajay Babu T, Aditya Akhilesh Varma R(2018). Flexural Behavior of Sugarcane Bagasse Ash Modified Fibre Reinforced Concrete. *International Journal of Engineering Research and Application* ISSN : 2248-9622, Vol. 8, Issue 6 (Part -V) June 2018, pp 13-20
5. G.L.V Krishnam Raju, Venkata Rao. M (2017).Effect of Rice husk ash on strength characteristics of Roller compacted Concrete. *International Journal of Modern Engineering Research* ISSN:2249-6645 ,Vol.7 (Issue 12) December2017,pp53-57
6. E.R.Raju,J.Raju,G.L.V.K.Raju,M.VenkataRao,M.S.K.Chaitanya(2017).Determination of the Symmetrically V-Shaped Folded Plates *International Journal of Science Technology & Engineering*

Volume 3 , Issue 08 , February 2017 ISSN (online): 2349-784X

7. J.N.S.S.N Raju,M.Venkata Rao,G.Sabarish,P.Venkateswara Rao(2016). Effect of Imperfections on Stability of Column and Frame *International Journal of Engineering Research & Technology* ,<http://www.ijert.org> ISSN: 2278-0181 IJERTV5IS110298 Vol. 5 Issue 11, November-2016
8. M.S.K.Chaitanya , M. Venkata Rao , G. Aditya(2016). Comparisons Between Construction of Pre Engineered Building and Conventional Building *IOSR Journal of Mechanical and Civil Engineering* e-ISSN: 2278-1684,p-ISSN: 2320-334X, Volume 13, Issue 5 Ver. III (Sep. - Oct. 2016), PP 01-07
9. M. Venkata Rao, V. Siva Rama Raju(2016). Strength Characteristics of Concrete with Partial Replacement of Coarse Aggregate By Laterite Stone and Fine Aggregate by Quarry Dust , *International Journal of Engineering Research and Application* ISSN : 2248-9622, Vol. 6, Issue 10, (Part -1) October 2016, pp.39-44

(B) Conference Proceedings:

10. Vamsi Naga Raju. T, Venkata Rao .M, Raju GLV. Study of physical, chemical and engineering behavior of municipal solid waste of Bhimavaram , *Conference on Infrastructure Sustainability in Hilly Regions (CISHR)*,21st -23rd Dec,2017,pp25-28
11. Neeraj Varma. D, Vamsi Naga Raju. T, Venkata Rao .M(2018). Influence of Processing temperature on the strength and structural characteristics of alkali-activated slag lateritic soil, *Indian Geotechnical Conference ,IGC2018,IISC Bangalore*.
12. Vamsi Nagaraju. T, Saiteja. K, Venkat Rao. M and Pavan Naresh S. D. (2019). Effect of drying-wetting cycles on strength characteristics of alkali-activated lateritic soils, *NICEST-19*, MGIT, Hyderabad
13. Vamsi Nagaraju. T, Prudhvi Raj. M, M. Venkata Rao, T. S. Sumanth Reddy (2019). Influence of fly ash and silica fume on strength characteristics of alkali-activated lateritic soils – A comparison , *NICEST-19*, MGIT, Hyderabad
14. Vamsi Nagaraju. T, M. Venkata Rao, R. Gandhi Krishna and Ch. Hari Venkat Reddy (2019). Variability in the engineering properties of a lateritic soils from eastern and western coast of India, *ISSMGE TC107, Laterites and Lateritic Soils*, GEC Goa

Workshops/ Seminars

A. Workshops/ Seminars/QIPs/FDPs attended:

1. Faculty development program on “Fiber Reinforced Concrete and it’s Applications” ,National Institute of Technology Karnataka,Surathkal ,18th-22nd November,2019
2. Continuing education programme on “Geosynthetics in Infrastructure Development” ,NIT Warangal 28 Jan-02 Feb 2019
3. Indian Geotechnical Conference, Indian Institute of Science ,Bengaluru,13-15 Dec 2018
4. Workshop on “ Recent Advances in Soil-Structure Interaction and Retaining Walls”, IISC Bangalore ,IGS Bangalore chapter , ISSMGE TC-207, 12th Dec 2018.
5. Faculty development program on “ Design of Structures – A Practical Approach” Gudlavalleru Engineering College, Gudlavalleru, 2018 Nov 26-30
6. Faculty development program on “Advances in Manufacture of Composites” ,Sasi Institute of Technology &Engineering,Tadepalligudem,27th Nov-2nd Nov 2017.
7. Seminar on “NBC 2016 and Indian Standards: Innovations and case studies in Geotechnical engineering”, R.V.R & J.C. College of Engineering, Guntur, 2018 July 6-7.
8. Faculty development program on “Advancements in construction materials“, Gudlavalleru Engineering College, Gudlavalleru, 2018 June 25-29.

9. International seminar on “Latest trends in structural engineering and geo-environmental engineering”, Gayatri Vidya Parishad College of Engineering, Visakhapatnam, 2018 March 2-3.
10. Faculty development program on “Latest software applications in civil engineering”, SRKR Engineering College, Bhimavaram Andhra Pradesh, India, 2017 October 23rd to November 4th
11. Workshop on “Research methodology and best practices in academic research” SRKR Engineering College, Bhimavaram Andhra Pradesh, India, 2017 June 16th
12. Seminar on “Evaluation of land and water management systems of West Godavari district”, SRKR Engineering College, Bhimavaram Andhra Pradesh, India, 2016 October 27-28.
13. Seminar on “Significance of geotechnical engineering in hydraulic structures”, Andhra University College of Engineering, Visakhapatnam, 2016 October 1-2.
14. Faculty development program on “Construction Project Management” , Shri Vishnu Engineering College For Women, Bhimavaram ,27th sep-1st oct 2016.
15. Workshop on “ Innovation & Incubation Centers in Engineering Colleges “, S.R.K.R Engineering College, in Association with Atal Innovation Mission, NITI Aayog ,Government of India ,9th March,2017.
16. Workshop on “ Innovations in Materials and Manufacturing” ,S.R.K.R Engineering College ,Bhimavaram, 1st March 2019.
17. Workshop on “ Recent Trends in Mechanical Engineering” ,S.R.K.R Engineering College ,Bhimavaram, 31st August 2015

B. Workshops/ Seminars conducted:

1. Workshop on “Civil Bridge Designing”,SRKR Engineering College,Bhimavaram,20-21 Dec 2017.
2. Workshop on “Tall Buildings”, SRKR Engineering College,Bhimavaram,19-20 Dec 2016.
3. Workshop on “Bridge Design& Fabrication”,SRKR Engineering College,Bhimavaram,20-21 Sep 2014.

I hereby declare that the information furnished above is true to the best of my knowledge.