

Name: **Dr. T. Kiran Kumar**

Designation: **Associate Professor**

Mobile No: **9441259009, 8328476839**

E – Mail ID: **kiran_1571@yahoo.com**



Degrees obtained:

Degree	University	Field of Specialization
Ph.D	J N T U A, Ananthapur	Water Resources Engineering
M. Tech	J N T U A, Ananthapur	Water Resources Engineering
B. Tech	S V U, Tirupathi	Civil Engineering

Years of Experience: **Teaching: 16 Years**

Membership in Professional Bodies: **MIE, MAAH**

Research Papers Published:

International Journals

1. A paper on Evaluation of Fertility Index of Watersheds in Rayalseema Region in International Journal of Research in Engineering and Technology, Vol.4, Issue 11, Sep. 2015, pp.47-49.
2. A paper on Stability and Seepage Analysis of Earthen dam of a summer storage tank – A case study by using different approaches in International Journal of Innovative Research in Advanced Engineering, Vol.1, Issue 12, Dec.2014, pp.130-134.
3. A paper on Ground Improvement and Load carrying capacity using stone columns in Clay soils is published in International Journal of Innovative Research in Science Engineering and Technology, Vol.6, Issue 2, Feb 2017.
4. A paper a Critical Reviewed on Applications of Natural Jute Fibres – A Case study in published I International Journal of Civil Engineering and Technology (IJCIET), Vol.7, Issue 3, May-June 2016, pp.200-210.

5. A study on the effect of permeation Grouting with cement and lime in silty sandy soil is published in Journal of Materials and Metallurgical Engineering, Vol.2, Issue 1.
6. A paper on Sand effect of Gradation on the shear parameters in the soil sample – A case study in Kadapa District is published in International Journal of Innovative Research in Science Engineering and Technology, Vol.5, Issue 9, Sep 2016.
7. A paper on Ground improvement and Load carrying capacity using stone columns in clay soils in International Journal of Innovative Research in Science, Engineering and Technology, Vol.6, Issue 2, Feb 2017.

National Journals

8. A paper on Performance and Evaluation of a Micro Watershed Management in Kadapa District A.P, Vol. XXIV, No.3, 3&4 Jul-Sep. 2011, pp.9-17 in Journal of Applied Hydrology
9. A paper on Sustainable Materials and Technologies for Integrated watershed Management in Indian Journal of Environmental Protection, Vol.28, Feb 2008.
10. A paper on Design of Flood Flow Computation in a watershed of Drought prone area – A case study in Journal of Applied Hydrology, Vol.XX, No.1&2, Jan-April, 2007.
11. A paper on Watershed Management Programmes – Practical Problems and Remedies in Andhra Pradesh National Journal Engineering Today, Vol.X, Issue 1, in Jan 2008, pp.7-14.

Paper Published in ISBN Books & Conferences

12. A Paper on Impact Assessment of Sub surface Dams and its effects on water quality and water quantity – A case study in Rayalaseema Region from 15 – 30 July, 2015, in 2nd Two day National Conference on NCWES 2015 organized by IST, JNTU, HYD
13. A paper on Integrated Watershed Management in Drought Prone Areas – A case study in Kadapa District presented in 2nd AP Science Congress 2016.
14. A paper on Trading of Wild life on the occasion of World Environmental Day in Institute of Engineering Local Centre, Kadapa June 5th, 2016.
15. A paper on Sustainable Ground water Resource Management in Kadapa District in 1st Indian National Ground Water Conference INGWC 2016 on Sustainable Development & Management of Ground water Resource in Arid & Semi Arid Regions, 5th – 7th October 2016, JNTU, Hyderabad.
16. A paper on Ground Water Resource through substance Dams & their impact on soil Fertility stating & Augmentation Productivity in National Seminar on Water Resource with a

colloquium on Interlacing Rivers on 10th – 11th July n2015 Association of Hydrological of India & Department of Geophysics of Andhra University, Vishakapatnam.

17. A paper on Evaluation of Fertility Index in Watersheds in presented a National conference organized by National Institute of Tec & Indian Society for Hydraulics (ISH) on (CSWH 2015) in Sep. 2015.
18. A paper on Identification of ground water prospects in different rock terrains in Rayalaseema Region using Geo-electrical Resisting method in Nov. 2014, in 4th International Conference on Hydrology and watershed Management organized by centre for Water resources IST JNTU, HYD.
19. A paper on Evaluation of Economically viable watersheds in drought prone area in Kadapa District – A case study in the seminar organized on the occasion of 29th Indian Engineering Congress, From 18 to 21st Dec 2014, at Hyderabad.
20. A paper on Ground water resource management in drought prone area through watersheds – A case study in Kadapa District in National Seminar on Conjunctive use of surface water & Ground water in major and medium irrigation projects, 11 & 12th Feb 2016.
21. A paper on Economical Appraisal of Watersheds Programmes in Kadapa District - A case study in Two day National Conference NCWES 2014, From 30th June 2014 to 1st July 2014, Organized by Water Resources IT JNT University.
22. A paper on Evaluation of Watersheds in Kadapa District in UGC sponsored National Seminar Emerging trends in Environmental Science & Tec, 14 – 15th March in Yogi Vemana University.
23. A paper presented in National seminar on Mathematical Modeling in Science & Tech 2013, Water quality Assessment for CPWS Scheme in Kadapa District in SKR & SKR Govt. College, Kadapa.
24. A paper on Impact of soil & water conservation measures on Farm productivity in Watersheds areas in National Seminar sponsored by Ministry on Earth Science Organized by Department of Geology & Geo-informatics in Yogi Vemana University, (GAMP 2010) 4th to 6th March 2010.
25. A paper on Sustainable Water Resources Management through integrated Watershed Management in Internal Conference on National Hazards & Disaster Management Organized by Chaitanya Bharathi Institute, ICNHDM 2007.

26. A paper on Social and Environment Impact of Micro Watershed in International Conference organized by Chaitanya Bharathi Institute, ICNHDM 2007.
27. A paper is presented on Ground Water Recharge in Over Exploited basing – A case study in National Conference on Providing Urban – Type Amenities in Rural zones in 22 to 23 July 2011 in KSRMCE, Kadapa.
28. A paper on Wet Watershed Management in Plain High Rainfall Areas in National Conference on Providing Urban – Type Amenities in Rural zones in 22 to 23 July 2011 in KSRMCE, Kadapa.
29. A paper on Environmental Impact Studies of Successful Watershed Programmes organized by Yogi Vemana University..
30. A paper on A review on Watershed Management Activities of Kadapa District in 21st Century Emerging Trends in Civil Engineering.
31. A paper presented in National seminar on Mathematical Modelling of Ground water pollution sponsored by APSCHE on Water & Soil Conservation structures in Watersheds organized by Yogi Vemana University.
32. A paper on Long term fluctuation of Ground water levels in Micro Watershes Yogi Vemana University.
33. People participation is a Key factor for success of a watershed programme a case study is presented in 2nd International conference on Hydrology and Watershed Management from 5-8th December, 2006 at J.N.T.U., Kukatpally, Hyderabad.
34. Social and Environmental Impact of Micro watershed management in Kadapa is presented in International conference on Natural Hazards and Disaster Management ICNHDM-2007 organized by CBIT & AICTE, DST Govt. of India from 12th to 14th December, Hyderabad,
35. Sustainable water resources management through integrated watershed management presented in the International conference IC-NHDM 2007 organized by CBIT, AICTE & DST from 12th – 14th December.
36. Prediction of lechate generation from solid waste disposal is presented in International conference on water and health (WAH-05) at Sri Jaychama Rajendra college of Engineering, Mysore, India on 22nd and 23rd January, 2005.
37. Rational Design of Hydraulic structures in watersheds is presented in International conference on Environmental management J.N.T.U., Kukatpally, Hyderabad From 28th to 30th October, 2005.

38. Prediction and prevention of soil erosion A watershed based approach is presented in International conference as Environmental Management organized by J.N.T.U., Hyderabad from 28th to 30th October, 2005.
39. Watershed Management practices in developing countries problems and remedies presented in International conference as Environmental Management organized by J.N.T.U., Hyderabad from 28th to 30th October, 2005.
40. Role of Engineers for sustainable development is presented in National conference, NIT, Warangal, From 24th to 25th September, 2004.
41. Environmental Impact on linking of Indian rivers is presented in National conference on water resources development and management practices (WARM-2004) organized by MVSR Engineering college, 27th Jan, 2004.
42. A critical review on linking of Indian rivers is presented in National conference on RACE-2006 organized by Department of Civil Engineering, J.N.T.U., Anantapur.
43. Sustainable materials and Technologies for integrated watershed management is presented in National conference on recent advances in Structural Engineering, 9th March – 2007 Organized by Dept. of Civil Engineering, Anantapur (RACE-2007).
44. Integrated watershed management objectives and strategies is presented in National conference on Watershed Management and Impact of Environmental changes on Water resources under TEQIP, 22nd and 23rd Feb, 2007.

Conferences Attended:

Workshops Conducted & Attended:

- World Water Day Celebrations Every year in the college.
- Engineers Day Celebration in 2015 & 2016.

Achievements:

- Ph.D. Awarded in 2012 from JNTU, Anantapur
- Elected as Member District Environmental Impact Assessment Kadapa District for Three years.
- Elected as Selection Member District Recharge well Projects in Kadapa District.
- Member in Board of Studies in Civil Engineering Department, KSRMCE, Kadapa.