

CURRICULUM-VITAE

Name : DR.K.RAMAMOCHAN REDDY

Qualifications : B. Tech (Civil Engineering)
Sri Venkateswara University, Tirupathi.

Post Graduation and Ph. D in Water Resources
Jawaharlal Nehru Technological University
Hyderabad

Teaching Experience : 32Years [15 years at U.G level (1985-2000 at G.
Pulla Reddy Engineering College (Autonomous),
Kurnool.]
& [17 years at P.G level (Oct.2000 to till date in IST
JNT University Hyderabad)

Designation : Professor
Center for Water Resources
Institute of Science and Technology,
JNT University Hyderabad.

Date of Birth : 22-03-1962

Academic Achievements

- Head, Centre for Water Resources, IST, JNTUH (2010-2015).
- Head I/C, Centre for Spatial Information Technology, IST, JNTUH (2014-2015)
- 50 Publications in National and International Journals and Conferences.
- Research Paper titled “Flood Mitigation and Management “is adjudged as the best research paper by Indian National Council of Hydrology (INCOH), New Delhi.
- Member, Recruitment Board, National Environmental Engineering Research Institute(NEERI),CSIR
- Chairman, Board of Studies, Water Resources, Jawaharlal Nehru Technological University.

- Member, Board of Studies, Civil Engineering, Jawaharlal Nehru Technological University, Anantapur.
- Board of studies member of GPR Engineering College (Autonomous), Kurnool, A.P.
- Board of studies member of J.B.Institute of Engineering & Technology (Autonomous),
- Board of studies member of CMR College of Engineering and Technology (Autonomous), Kandlakoya, R.R District, Hyderabad.
- Member of Academic Council, Radcliff High School, Balanagar, Hyderabad
- Chief Editor of International Journal of Science and Technology, New Delhi.
- Principal Investigator of one Research Project, AICTE, New Delhi.
- Guided 2 Ph.D. candidates, 45 M. Tech Students and presently guiding 8 Ph.D. Students.
- Convened two workshops and Training Programs.
- Expert panel member of Technical Board, Andhra Pradesh (Combined State).
- Resource person for M. Tech (Integrated Water Resources Management) Program for Capacity Building in South Asian Region, TERI University, New Delhi.
- Panel Member of draft Committee on “Innovations and Best Practices in Autonomous Colleges” formulated by “National University Educational Planning and Administration (NUEPA)” New Delhi.
- Convener of “International Conference on Hydrology and Watershed Management” 2014.

Specific Achievements

- As an Additional Controller of Exams during 2002-2004, I was instrumental in introducing new EDEP (Electronic Distribution of Examination Papers) system to curb question paper leakages in JNTU affiliated colleges.
- As an Additional Controller of Exams during 2004-2006, I was sole in charge of legal cell of University and handled all the legal issues including sending remarks on petitions filed against the University to the Standing Counsel of the University.
- As an Additional Controller of Exams during 2006-2008, I played a key role in introducing Security features enabled transcripts, thus preventing tampering of transcripts in addition to enhancing University image and increasing revenue to the University.
- As a Head, Centre for Water Resources, IST, JNTUH, I was instrumental in executing two consultancy projects worth of Rs. 4.4 lakhs from BHEL, Hyderabad and Shilparamam, Hyderabad.
- As a Placement Officer, I am successful in getting 43 campus placements to the M. Tech., M. Pharmacy and M. Sc students of IST, JNTUH.
- Established Global Navigation Satellite Systems Lab in Centre for Spatial Informational Technology under corporate social responsible programme from Hexagon company India.

Administrative Skills

- 2Years as Controller of Examinations in JNT University Hyderabad.(2008-2010)
- 6 Years as Additional Controller of Examinations in JNT University Hyderabad (2002-2008).
- 2 Years Experience as Officer in Charge, Institute of Post Graduate Studies & Research, JNTU, Hyderabad.(2000-2002)
- Executive Committee Member of four JNTUH Affiliated Engineering Colleges.
- Regional Coordinator-EAMCET since 2006.
- Nodal Officer, TEQIP, IST, JNTUH, Hyderabad(2014-2015)

- Chief Regional Co-Ordinator AP Forest Department Recruitment Test (FDRT)-2014.
- Training and Placement Officer, Institute of Science and Technology, JNTUH, Hyderabad (From 2015 to till date)

Membership in Professional Bodies

- Life Member of Indian Society for Technical Education.
- Member of Institution of Engineering (India).
- Member of Indian Association of Hydrologists.

International Conference:

1. Ramamohan Reddy, K .and Nageswara Rao, V.V., 2002.“Estimation of Monthly Inflows into Osman Sagar Reservoir by Regression” Procs. of the 3rd International Conference on Hydrology and watershed management Centre for Water Resources, IST, JNT University, Hyderabad, Vol.I, pp.217-219.
2. Ramamohan Reddy, K., Vijay Kishore, K.and Mallikarjun, D., 2002. “Impacts Studies for Sustainable Development of Water Resources in Manchal Watershed of A.P.” Procs. of the 3rd International Conference on Hydrology and watershed management Centre for Water Resources, IST, JNT University, Hyderabad, Vol.I, pp.748-756.
3. Sudheer Reddy A.V., Ramamohan Reddy K. and Rao M.N., 2014. “ Application of GIS and GPS for Cyclone Disaster Management – A Case Study of Vidavalur Mandal, Nellore Distrcit, Andhra Pradesh” Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.1,,pp-159 – 163.
4. Patode R.S., Nagdeve M.B. and Ramamohan Reddy K., 2014. “Overland Flow and Interception Component for a Catchment Treated with Continuous contour Trenches.” Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.1, pp.307-311.

5. Shakeela Banu S., Shankaraiah G., Himabindu V., and Ramamohan Reddy K., 2014. "Preliminary Studies on Removal of Chemical Oxygen Demand from Pharmaceutical Wastewater Using Photo-Catalysis." Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.1, pp.353-360.
6. Satyanarayana S.V., Ramamohan Reddy K., Natiq J. and Naziya Thabassum Md., 2014. "Pharmaceutical Waste Water Treatment Using Hydrogen Peroxide Oxidation Method." Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.1, pp.361-364.
7. Ellamraj P., Moulana Mohammed S.K. and Ramamohan Reddy K., 2014. "Sustainable Water and Waste Water Management for Hyderabad." Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.1, pp.391.
8. Deepthi P., Sarala C., Mukkanti K. and Ramamohan Reddy K., 2014. "Moringa Oleifera as a low Cost Adsorbent for the Removal of Metals." Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.1, pp.396.
9. Rupa S., Suhas W., Mukund P. and Ramamohan Reddy K., 2014. "Effect of Brewery Effluent on Seed Germination". Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.2, pp.693.
10. Dwivedi R.S. and Ramamohan Reddy K., 2014. "Spatio-Temporal Behavior of Water logging." Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.2, pp.699.

11. Dwivedi R.S. and Ramamohan Reddy K., 2014. "Remote Sensing of Salt-Affected Soils: Retrospective and perspective." Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.2, pp.708.
12. Shobha Rani P., Suhas W., Mukund P. and Ramamohan Reddy K., 2014. "Impact of Municipal Wastewater on Seed Germination." Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.2, pp.718.
13. Lilly Padmaja Joshi M. and Ramamohan Reddy K., 2014. "Simulation of Srisaillam Reservoir in Krishna River Basin for Estimation of Excess Flow at Srisaillam Dam site." Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.2, pp.1156.
14. Lilly Padmaja Joshi M. and Ramamohan Reddy K., 2014. "Generation of Monthly Synthetic flow Sequences for Krishna River at Srisaillam Dam site." Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.2, pp.1164.
15. Patode R.S., Nagdeve M.B. and Ramamohan Reddy K., 2014. "Effect of Continuous Contour Trenches on Hydrological properties of Soils in a Catchment." Procs. of the 4th International Conference on Hydrology and watershed management (Allied Publishers), Centre for Water Resources, IST, JNT University, Hyderabad, Vol.2, pp.1234.
16. Ramamohan Reddy K., 2017. "Impact of Brewery Wastewater on Soil Properties and on the Growth and Yield of Tomato" Procs. Of the 3rd International Conference on Environmental Management 2017 on Nov, 2017 , ISBN NO. 978-93-86819-50-5.
17. Ramamohan Reddy K., 2017. "Water Resources Management for Sustainable Agriculture" Procs. Of the 3rd International Conference on Environmental Management 2017 on Nov, 2017 , ISBN NO. 978-93-86819-50-5.

18. Ramamohan Reddy K., 2017. "Flood Monitoring using Water Mask Technique and Supervised Classification" Procs. Of the 3rd International Conference on Environmental Management 2017 on Nov, 2017 , ISBN NO. 978-93-86819-50-5.
19. D Hari, KR Reddy, K Vikas, N Srinivas, G Vikas" Assessment of rainwater harvesting potential using GIS" IOP Conference Series: Materials Science and Engineering 330 (1), 012119
20. K.Ramamohan Reddy,P Durgasilakshmi,Hari" Flood Monitoring Using Water Mask Technique And Supervised Classification" 3 Rd International Conference On Environmental Management
21. Patode R.S., Nagdeve M.B. and Ramamohan Reddy K." Effect of Continuous Contour Trenches on Hydrological properties of Soils in a Catchment." 4th International Conference on Hydrology and watershed management.

National Conferences

1. Patode R.S., Nagdeve M.B., Ramamohan Reddy K. and Ganvir M.M, 2017. "Strategies for Development and Management of Water Resources in Rainfed Area" Procs. of 4th National Conference on Water, Environment & Society, JNTUH, Hyderabad, India. pp. 31-35.
2. Patode R.S., Nagdeve M.B., Ramamohan Reddy K. and Ganvir M.M., 2016. "Water Resources Development under Climate Change Scenario" Procs. of 3rd National Conference on Water, Environment & Society (NCWES-2017), JNTUH, Hyderabad, India. pp. 73-78.
3. Patode R.S., Nagdeve M.B. and Ramamohan Reddy K., 2016. "Runoff and Nutrient Status Monitoring of a CCT Treated Catchment" Procs. of 3rd National Conference on Water, Environment & Society (NCWES-2017),JNTUH, Hyderabad, India. pp. 8-11.
4. Patode R.S., Nagdeve M.B., Ramamohan Reddy K. and Mohod V.D., 2017. "Water resources management in rainfed area through on-farm practices" Abstracts Volume of National Conference on Agro-Processing Based Entrepreneurship Development For Sustainable Livelihood" held during February 22-23, 2017 pp. 214

5. Patode R.S., Nagdeva, M.B., Ramamohan Reddy K., (2012) “ Assessment of Water Resources Under Climate Change Senario” Organized by Dept. of Economics, Shri Shivaji College of Arts, Commerce & Science, Akola Proceedings of UGC Sponsored Interdisciplinary National Seminar on Impact of climate change on agriculture production in india (ICCAPI) dt.06,October-2012.
6. R.S Patode,M.B.Nagadev,K Ramamohanreddy” Hydrological Water Balance Assessment Of A Micro Catchment Using Physically Based Model” 5 Th National Conference On Water Environment And Society.
7. K Ramamohan reddy” Water Balance Assessment Of Microcatchment Treated With In-Situ Conservation Measures” 4th National Conference On Water,Environment And Society
8. K Ramamohan Reddy ,Kr R.S Patod,Nagdeve” Assessment Of Water Resources Under Climate Change Senario” National Seminar On Impact Of Climate Change On Agriculture Production In India
9. Zakir Ahmmed,Ramamohan Reddy.K” Sustainable Storm Water Management-An Evaluation Of Depression Storage Effect On Peak Flow” Proceedings Of Green Technology And Environmental Conservation

Journals

1. Ramamohan Reddy.K., (2007)" Drainage basin management through RS and GIS:A Case Study in Medak District ,A.P.":Journal of the Indian Academy of Geoscience, Vol 50 No.1pp13-20.
2. Ramamohan Reddy. K., (2007),"Prioritization of villages for development based on availability and utilization of natural Resources :RS and GIS approach."Indian Journal for Socity Development.Vol6.No2 pp155-169.
3. Ramamohan Reddy. K., (2007),"Monitoring aquaculture using multidade Satellite Data:A case study of Kakinada bay area.",Intenational journal of tropical agriclture ,vol25 ,No3,pp549-556.

4. Patode R.S., Nagdeva, M.B., Ramamohan Reddy K., (2012) “ Effect of Continuous contour trenches on Groundwater recharge for small catchment in Vidarbha Region Maharashtra” Association of Agrometeorologists, AP Chapter, CRIDA, Hyderabad January 22-23, 2013.
5. Zameer Ahmed., Ram Mohana Rao.D., Ramamohan Reddy. K., Dr.Yellam Raj.Y., (2012) “Rainfall Intensity Variation for observed data and derived data – A case study of imphal” Global Journal of Engineering, Design & Technolgy, Vol.7(11), pp1506-1513.
6. Ramamohan Reddy.K. Padma, V.K., Kumara Swamy, N.,2012 “ Impact of Urban Agglemeration on Ground Water Quality – A case Study International Journal of Engineering Research and Applications (IJERA).
7. Ramamohan Reddy.K. R.Srirama Murthy and Rajesh S.Patode, 2013 “Thematic Integration Approach for Watershed and Land Management” – Indian Journal of Science & Technology Volume 6(10), P.No.5380-5385.
8. Ramamohan Reddy.K.and Patode.R.S(2013)”Assessment of Ground water Quality- A case study of Kondapur mandal, Medak district, A.P”. Vol.8(2), PP. 267-273
9. Ramamohan Reddy.K. Swetha D., 2013” Enumeration and Validation of Hydrodynamic Characteristics over plane and serrated slopes” – International Journal of Civil Engineering & Technology(IJCIET) Volume4, P.No.185-193
10. Zameer Ahmed., Ram Mohana Rao.D., Ramamohan Reddy. K., Dr.Yellam Raj.Y., (2013) “Urban Flooding-A Case Study of Hyderabad: Global Journal of Engineering, Design & Technolgy, Vol.2(4), pp63-66.
11. Swetha.D, Ramamohan Reddy.K.,2014”Study of Characterisyyics of Waves Over Seawalls Using Roughness Elements”-International Journal of Earth Sciences and Engineering,Volume 07,No.04 P.P.741-745.
12. Satish.V.,D, Ramamohan Reddy.K.and Rajani Ganta,2014”Zero Waste Management & Treatment Technologies for Brewery Effluent-A Case Study of M/S United Breweries Limited,Srikakulam, A.P, India”-International Journal of Earth Sciences and Engineering,Volume 07,No.04 P.P.775-779.

13. Shravan Kumar.A, RamamohanReddy.K., 2014. “Multie-electrode Resistivity Survey for Characterisation of Hard Rocks in Kudliar Watershed,Medak District,A.P”- International Journal of Earth Sciences and Engineering, volume 06,No.04, pp.74
14. Patode R.S., Nagdeve M.B. and Ramamohan Reddy K., 2015. “Continuous Contour Trenches – A useful Conservation Measure for Groundwater Recharge”. International Journal of Scientific Research, Volume 04, No.2, pp. 11-13.
15. Satyanarayana S.V., Ramamohan Reddy K. and Natiq Joodi., 2015. “ Pharmaceutical waste water treatment using hydrogen peroxide oxidation method”. International Journal of Applied Research, 1(6), pp. 290-293.
16. Patode R.S., Nagdeve M.B. and Ramamohan Reddy K., 2015. “Effect of continuous Contour Trenches on soil moisture and leaf area index of perennial plantation in small catchment”. IOSR Journal of Agriculture and Veterinary Science, 8(2), pp. 50-54.
17. Srilakshmi H.D. and Ramamohan Reddy K., 2015. “Micro Watershed Delineation for Local level Planning and Management using GIS Technologies”. International Journal of Core Engineering & Management, 1, pp.234-241.
18. R Salian, S Wani, R Reddy, M Patil” Effect of brewery wastewater obtained from different phases of treatment plant on seed germination of chickpea (*Cicer arietinum*), maize (*Zea mays*), and pigeon pea (*Cajanus cajan*)” Environmental Science and Pollution Research 25 (9), 9145-9154
19. K.Ramamohan Reddy, Rammohan Rao.D,Zameer Ahmed” Selection Of Drainage Network Using Raster GIS-A Case Study”International Journal Of Engineering Science Invention 2 (8), 35-40
20. Ramamohan Reddy.K. Padma, V.K., Kumara Swamy, N.” Impact of Urban Agglemeration on Ground Water Quality-A case Study” International Journal of Engineering Research and Applications