

Dr. RAMBABU TENNETI PROFILE



1. Name of the Faculty Member : Dr. Rambabu Tenneti
2. Designation : Assistant Professor
3. Department : WET Centre, Dept. of Civil
4. Date of Birth : 10-05-1984
5. Date of joining : 01-11-2014
6. Experience (a) Teaching : 07 years 4 months
(b) Research : 06 years 11 months
7. Mobile No : 09966630701
8. Email-ID : rambabu.tenneti@srkrec.edu.in
9. Educational Qualifications :

Qualification	University/Board	Specialization	Year of Passing
Ph. D	Acharya Nagarjuna University, Guntur	Geology	2019
M.Phil / M.Tech	--	--	--
P.G.	Adikavi Nannaya University, Rajahmundry	Geoinformatics	2009

Ph.D. Title: Integrated Geoenvironmental Evaluation of Upland Area of West Godavari District, Andhra Pradesh, India.

S No	Designation	Organization	Period		Total Exp. Years and Months	Nature of Employment
			From	To		
1	Part Time Lecturer	DNR College, Bhimavaram Andhra University	01-12-2010	30-06-2011	6 months	Teaching
2	Adhoc Lecturer	DNR College, Bhimavaram Andhra University	01-07-2011	30-04-2012	11 months	Teaching
3	Junior Research Fellow (JRF)-DST Project (NRDMS/11/1174/2006)	SRKR Engineering College, Bhimavaram Andhra University	10-04-2013	31-10-2014	1 year 8 months	Research and Teaching
4	Assistant Professor	SRKR Engineering College, Bhimavaram Andhra University	01-11-2014	Till Date	5 years 3 months	Teaching and Research

10. Subjects Taught : Remote Sensing & GIS
Engineering Geology
Environmental Science
Professional Ethics and Human values
Industry Oriented Technology Lab
GIS Lab
History of Science and Technology

11. Research Experience :

(a) Research Area :

Watershed Management, Hydrogeology, RS&GIS, Environment

(b) Research Papers Published in Journals : 16

- PARK Raju, **T.Rambabu**, P.Raghuram, MSR Reddy and G. Suribabu, Impact of Aquaculture on Physico-Chemical Characteristics of Water and oils in the Coastal Tracts of East and West Godavari Districts, Andhra Pradesh, India. International Journal of Engineering Trends and Technology (**IJETT**), ISSN: 2231 – 5381, *Impact Factor: 1.656*, Volume: 6, Issue: 6, pp. 313-319, **2013**.
- PARK Raju, **T.Rambabu**, P.Raghuram, MSR Reddy and G. Suribabu, Aquaculture and its impact on ground water in East Godavari District Andhra Pradesh – A case study. International Research Journal of Environmental Sciences (**IRJES**), E-ISSN: 2319 – 1414, *Global Impact and Quality Factor: 0.675*, Volume: 02, Issue: 10, pp. 101-106, **2013**.
- PARK Raju, **T.Rambabu**, P.Raghuram, MSR Reddy, G. Suribabu and J Jeevan Kumar, Alkalinity and Hardness Variation in Ground Water of East Godavari District Due to Aquaculture. International Journal of Fisheries and Aquatic Studies (**IJFAS**), Online-ISSN: 2347-5129, Print-ISSN: 2394-0506, (ICV-Poland) *Impact Factor: 5.62 Global Impact Factor: 0.352*, Volume: 1, Issue: 6, pp. 121-127, **2014**.
- **T.Rambabu**, P.Raghuram, P.Sankara Pitchaiah and PARK Raju, Geoenvironmental Evaluation of Amaravathi, New Capital city of Andhra Pradesh, India, International Journal of Geology Earth and Environmental Sciences (**IJGEES**), ISSN: 2277-2081 (Online), *Index Copernicus Value (ICV) = 70.22*, Volume: 5, Issue: 3, pp. 11-18, **2015**.
- P. Raghuram, **T.Rambabu**, MSR Reddy, P. Sankara Pitchaiah, PARK Raju, G. Suribabu and J Jeevan Kumar, Impact of Aqua Ponds on Soils of Godavari Western Delta, West Godavari District, Andhra Pradesh, India. International Journal of Engineering Research and Development (**IJERD**), ISSN (Online): 2278-067X, ISSN (Print): 2278-800X, *Impact Factor: 1.79*, Volume: 11, Issue: 05, pp.58-65, **2015**.
- **T.Rambabu**, P. Raghuram, P. Sankara Pitchaiah and PARK Raju, Geoenvironmental Appraisal of Upper Budameru River Catchment Using Remote Sensing and GIS. International Journal of Remote Sensing and Geoscience (**IJRSG**), ISSN No: 2319-3484(Online), *Impact Factor: 1.7*, Volume: 4 Issue: 1, pp.07-09, **2015**.
- P. Raghuram, **T.Rambabu**, K. Niharika, MSR Reddy and PARK Raju, Quality of Panchayat / Municipal Treated Water and Reverse Osmosis Treated Water in the Villages of Western Delta of West Godavari District, Andhra Pradesh, India, using integrated geospatial technologies, Journal of Applied Hydrology (**JAH**) special volume on water Resources and Interlinking of Rivers, Volume: 28, Issue: 1&2, pp. 87-96, **2015**.
- M Jagapathi Raju PARK Raju V. Vanisree P.Raghuram **T.Rambabu**, K. Niharika, “Contamination of irrigation canals and its impact on human beings and livestock”. International Journal of Research & Development Organization (**IJRDO**)-Journal of Mechanical and Civil Engineering, ISSN: 2456-1479, *Impact Factor: 2.503*, Volume: 2, Issue: 9, pp. 01-11, **2016**.
- P.A.R.K. Raju, V. Vanisree, P. Raghu Ram, **T. Rambabu**, K. Niharika, Physico-Chemical and Biological Analysis of Drinking Water status in Narsapur Canal area with Seasonal Variation in West Godavari District, Andhra Pradesh, India- A Case Study. Journal of Chemical and Pharmaceutical Sciences (**JCHPS**), ISSN 0974-2115, (SPB Pharma Society), *Impact Factor: 1.421*, JCPS Special Volume: 10, pp. 77-87, **2016**.

- **T.Rambabu**, P. Raghuram, P. Sankara Pitchaiah and PARK Raju, Evaluation of Lower Errakalava Watershed, West Godavari District, A. P. - An Integrated Approach Using Remote Sensing and GIS Techniques, *International Journal of Application or Innovation in Engineering & Management (IJAIEM)*, ISSN: 2319-4847, *Impact Factor: 7.319*, Volume: 6, Issue: 4, pp.25-34, **2017. (UGC approved)**
- K.M. Ganesh, G. Jaisankar, M. Jagannadha Rao, **T. Rambabu**, Pollution of Coastal Aquifers: A Human Induced Environmental Hazards, Visakhapatnam Area, Andhra Pradesh, India - A Remote sensing and G.I.S. approach, *International Journal of Engineering and Technology (IJET)*, ISSN: 2227-524X, *Impact Factor: 3.919*, Volume 7, Issue 3-31, pp. 194-199, **2018. (Scopus)**
- P. Raghuram, **T.Rambabu**, P. Sankara Pitchaiah and PARK Raju, Geological and Geomorphological Evaluation of Kolleru-Upputeru catchment using Geospatial Technologies, *International Journal of Engineering and Technology (IJET)*, ISSN: 2227-524X, *Impact Factor: 3.919*, Volume 7, Issue 3-31, pp. 75-79, **2018. (Scopus)**
- **T.Rambabu**, P. Raghuram, P. Sankara Pitchaiah and PARK Raju, Integrated Management of Kovvada Kalva Watershed, West Godavari District, A.P., India using Remote Sensing & GIS, *International Journal of Engineering and Technology (IJET)*, ISSN: 2227-524X, *Impact Factor: 3.919*, Volume 7, Issue 3-31, pp. 80-85, **2018. (Scopus)**.
- K.L. Prasanna, K. Mani, P.V.S. Gurusai, K.J.N. Manindra, M.J. Chaitanya Varma, **T. Rambabu**, P. Raghuram, P.A.R.K. Raju, Integrated Management of Bineru and Thurpukalava sub-watersheds using Geospatial Technologies and Hydrological Modeling , *International Journal of Recent Technology and Engineering (IJRTE)*, ISSN:2277-3878(Online), *Impact Factor: 5.92*, Volume-8 Issue-1S3, pp. 214-223, **2019. (Scopus)**
- P. Raghuram, **T. Rambabu**, P.Sankara Pitchaiah, P.A.R.K.Raju, Evaluation of Land and Water Management Systems of Kolleru Lake and its Adverse Affects on Fragile Coastal Geo-Environment using geospatial technologies, *International Journal of Recent Technology and Engineering (IJRTE)*, E-ISSN:2277-3878, *Impact Factor: 5.92*, Volume-8 Issue-1S3, pp. 274-281, **2019. (Scopus)**.
- **T. Rambabu**, P. Raghuram, P. Sankara Pitchaiah, P.A.R.K. Raju, Integrated management of Upper Errakalava and Gunderu watersheds, Upland area of West Godavari district, Andhra Pradesh - RS and GIS Approach, *Jour.Geol.Soc.India (JGSI)*, ISSN: 0974-6889 (Online), ISSN: 0016-7622, *Impact Factor: 0.994*, Vol.94, Issue2, pp. 211-217, 2019. DOI :10.1007/s12594-019-1291-9 (**SCIE**).

(c) Research Papers Published in Proceeding of Conferences: 17

- PARK Raju, KRK Raju, P.Raghuram and **T. Rambabu**, Geo-environmental evaluation of Gogileru creek in the coastal tract of Andhra Pradesh, India, *National Symposium on Remote sensing and GIS for Environment with special emphasis on marine and coastal dynamics*, pp. 86-87, **2013**.
- PARK Raju, KRK Raju, **T.Rambabu** and P.Raghuram, Geological and Geomorphological evaluation of Kolleru and Northern part of Upputeru sub-catchment using Geo-Spatial technologies, *International workshop on wetland systems* , pp. 01-23, **2014**.
- P. Raghuram, MSR Reddy, **T.Rambabu**, P.Sankara Pitchaiah and PARK Raju, Assessment of Aquaculture Impact on Physico – Chemical and Biological Characteristics of Water and Soils in Coastal Areas, Andhra Pradesh, India, *National Seminar” 6th Indian Youth Science Congress (IYSC), Acharya Nagarjuna University, Guntur*, pp. 173-174, **2015**.
- PARK Raju, KRK Raju, P.Raghuram and **T. Rambabu**, Interlinking of Godavari River with Krishna River through Pattiseema Lift Irrigation Scheme- is a boon or bane, 32nd & 33rd AHI - *National Seminar on “Water Resources” with a colloquium on ‘Interlinking of Rivers with special reference to Andhra Pradesh*, pp. 89, **2015**.
- P. Raghuram, **T.Rambabu**, K. Niharika, MSR Reddy and PARK Raju, Quality of Panchayat / Municipal Treated Water and Reverse Osmosis Treated Water in the Villages of Western Delta

of West Godavari District, Andhra Pradesh, 32nd & 33rd AHI - National Seminar on “Water Resources” with a colloquium on ‘Interlinking of Rivers with special reference to Andhra Pradesh, pp. 47-48, **2015**.

- PARK Raju, P. Raghuram and **T.Rambabu**, “Future challenges in water management of A.P”, in two day national workshop on Drinking water quality” with special emphasis on Impact of Agriculture and Aquaculture Practices in coastal tracts of Godavari delta, A.P., India, pp. 01-04, **2015**.
- PARK Raju, P Raghuram, **T.Rambabu**, KRK Raju, Geological setup and geomorphological analysis of Kolleru and Northern part of Upputeru Sub catchment – A Geospatial Approach, *International Workshop* on Geospatial Technologies and Wetland Management, pp. 12, **2016**.
- PARK Raju, P Raghuram, **T.Rambabu**, KRK Raju, Geo-environmental evaluation: Restoration of Kolleru lake ecosystem, *International Workshop* on Geospatial Technologies and Wetland Management, pp. 33, **2016**.
- K. Niharika, P.Raghuram, **T.Rambabu** Dr. M.S.R. Reddy, Dr. P.A.R.K. Raju, Physico-Chemical and Biological Analysis of Drinking Water Status in Narsapur Canal Area with Seasonal Variation in West Godavari District, Andhra Pradesh, India- A Case Study, Two-Day National Seminar on “Environmental Protection And Sustainable Development: Issues and Challenges”(EPSDIC-16) on 22nd and 23rd September, 2016 , Sir. C.R. Reddy (A) College, Eluru, W.G. District, A.P, India, pp. 47, **2016**.
- **T. Rambabu** P.Raghuram PARK Raju P.Sankara Pitchaiah, “Integrated Geo-environmental evaluation for sustainable development on watershed basis using Remote Sensing, GIS of Upland area of West Godavari District, A.P., India”, Two day national workshop on “Geospatial Technologies” with special colloquium on ‘Evaluation of Land and Water Management Systems of West Godavari District, Andhra Pradesh, India’, pp. 01-06, **2016**.
- V. Vanisree, Niharika Kondepudi, Raghuram Popuri, **Rambabu Tenneti**, PARK Raju, “Physico-Chemical and Biological analysis of drinking water status in Narsapur canal area with seasonal variation in West Godavari District, Andhra Pradesh, India – A case study”, *International Conference* on Emerging Multidisciplinary Research and Computational Intelligence (ICEMRCI-2016), pp. 16, **2016**.
- P. Raghuram, **T. Rambabu**, PARK Raju, P.Sankara Pitchaiah, Quality of Ground Water in Kolleru catchment, West Godavari district, Andhra Pradesh, India – A Geospatial Approach, One day *International Symposium* on Recent Innovations in Engineering Materials (RIEM-17), organized by dept. of Engineering Chemistry, SRKREC, Bhimavaram, pp. 18, **2017**.
- **T. Rambabu**, P. Raghuram, J.J. Kumar, PARK Raju, P.Sankara Pitchaiah, Water Quality assessment through Geospatial Technologies, One day International Symposium on Recent Innovations in Engineering Materials (RIEM-17), organized by dept. of Engineering Chemistry, SRKREC, Bhimavaram, pp. 29, **2017**.
- **T. Rambabu**, P. Raghuram, P. Sankara Pitchaiah, P.A.R.K. Raju, N. Sivakishan, Integrated Geoenvironmental Evaluation of Upland Area, West Godavari District, Andhra Pradesh, India, *International Conference* on Applied Science and Technology (ICAST-2019) held on **27th and 28th March, 2019**, pp. 4 (ISBN:978-93-5351-933-9).
- P. Raghuram, **T. Rambabu**, P. Sankara Pitchaiah, P.A.R.K. Raju, Evaluation of land and water management systems of Kolleru lake and its adverse affects on fragile coastal Geo-environment using geospatial technologies, *International Conference* on Applied Science and Technology (ICAST-2019) held on **27th and 28th March, 2019**, pp. 5 (ISBN:978-93-5351-933-9).
- Shoab, V. Subhash Ch. Bose, V. Satish, Sk. Khaja Rahamatulla, Sk. Nayab Rasool, H. Lakshmi pathi, T. Rambabu, Assessment of Land Use Dynamics of Bhimavaram and its environs using RS & GIS, *International Conference* on Applied Science and Technology (ICAST-2019) held on **27th & 28th March, 2019**, pp. 7 (ISBN:978-93-5351-933-9).
- K.L. Prasanna, K. Mani, P.V.S. Gurusai, K.J.N. Manindra, M.J. Chaitanya Varma and **T. Rambabu**, Management of Bineru and Thurpukalava sub-watersheds using HEC-HMS, *International Conference* on Applied Science and Technology (ICAST-2019) held on **27th and 28th March, 2019**, pp. 11 (ISBN:978-93-5351-933-9).

(d) Workshops/STTP/QIP Attended

- National Symposium on Remote Sensing and GIS for Environment with special emphasis on marine and coastal dynamics, conducted in on 4th – 6th December, 2013 organized by Indian Society of Geomatics and Indian Society of Remote Sensing, conducted at Andhra University, Visakhapatnam, during **04-12-2013 to 06-12-2013**.
- Sixth Indian Youth Science Congress (6th IYSC), Acharya Nagarjuna University, Guntur during **19-01-2015 to 21-01-2015**.
- 32nd and 33rd AHI Annual Convention and National Seminar at Andhra University, Visakhapatnam during **10-07-2015 to 11-07-2015**.
- International Conference on Geospatial Technologies and Wetland Management at Centre for Studies on Bay of Bengal, Andhra University, Visakhapatnam during **28-02-2016 to 29-02-2016**.
- One day workshop on Innovation and Incubation Centres in Engineering Colleges at S.R.K.R. Engineering College, China Amiram, Bhimavaram on **09-03-2017**.
- One day workshop on Research Methodology & Best Practices in Academic Research at Centre for Bioinformatics Research (CBR), S.R.K.R. Engineering College, China Amiram, Bhimavaram on **16-06-2017**.
- One day International Symposium on Recent Innovations in Engineering Materials (RIEM) at Department of Engineering Chemistry, SRKR Engineering College, China Amiram, Bhimavaram held on **31-08-2017**.
- One day Workshop on Mini MOOCs at Technology Centre S.R.K.R. Engineering College, China Amiram, Bhimavaram on **12-11-2017**.
- One day workshop on Emerging Trends in Knowledge Societies: Universities / Institutes and their Social Responsibilities with special colloquium on Water and Sanitation (Public Health) Issues organized by UBA Cell & CRD, SRKR Engineering College, Bhimavaram held on **21-12-2018**.
- One day National Workshop on Geospatial Technologies for the Development of Andhra Pradesh, organized by Dept. of Geology, ANU, Guntur and APSAC, Vijayawada, held on **20-02-2019**.
- One day National Workshop on Innovations in Materials and manufacturing at Department of Mechanical Engineering in association with IE (I), SRKR Engineering College, Bhimavaram held on **01-03-2019**.
- One day workshop for faculty on Intra and Interpersonal Skills at S.R.K.R. Engineering College, Bhimavaram held on **24-04-2019**.

(e) STTPs / FDPs Attended:

- i. One week faculty development programme (FDP) on Remote Sensing, GIS and GPS applications in Civil Engineering under TEQIP – II, conducted at Department of Civil Engineering, Shri Vishnu Engineering College for Women (SVECW), Bhimavaram during **12-09-2016 to 16-09-2016**.
- ii. AICTE sponsored Two Week Faculty Development Programme on Latest Software Applications in Civil Engineering conducted by Department of Civil Engineering, S.R.K.R. Engineering College, China Amiram, Bhimavaram during **23-10-2017 to 04-11-2017**.
- iii. One week Faculty Development Programme on MOOCs, Open Education and Open Education Resources conducted at Technology Centre S.R.K.R. Engineering College, China Amiram, Bhimavaram during **09-11-2017 to 11-11-2017 & 26-03-2018 to 29-03-2018**.
- iv. Four weeks Faculty Development Programme on Introduction to Remote Sensing from IIT, Roorkee during **January, 2019 to February, 2019**.

(f) Workshops Conducted / Organized

- Seminar on Water Resources and Electricity problems in Andhra Pradesh after bifurcation, at Water and Environment Technology (WET) Research Centre, Department of Civil Engineering, SRKR Engineering College, Bhimavaram on **10-08-2013**.
- Workshop on Necessity of Integration of Andhra Pradesh at Water and Environment Technology (WET) Research Centre, Department of Civil Engineering, SRKR Engineering College, Bhimavaram on **26-08-2013**.
- Seminar on Polavaram Project regarding Bhadrachalam Division at Water and Environment Technology (WET) Research Centre, Department of Civil Engineering, SRKR Engineering College, Bhimavaram on **07-03-2014**.
- Seminar on Construction of Polavaram Project at Water and Environment Technology (WET) Research Centre, Department of Civil Engineering, SRKR Engineering College, Bhimavaram on **02-04-2014**.
- Workshop on Geospatial Technologies: Wetland Ecosystems at Water and Environment Technology (WET) Research Centre, Department of Civil Engineering, SRKR Engineering College, Bhimavaram on **17-12-2014 & 18-12-2014**.
- SERB sponsored Two day national level Workshop on “Drinking Water Quality” with special emphasis on ‘Impact of Agriculture and Agriculture Practices in Coastal tracts of Godavari Delta, Andhra Pradesh’ at Water and Environment Technology (WET) Research Centre, Department of Civil Engineering, SRKR Engineering College, Bhimavaram on **28-08-2015 & 29-08-2015**.
- Seminar on Necessity of Polavaram Project at Water and Environment Technology (WET) Research Centre, Department of Civil Engineering, SRKR Engineering College, Bhimavaram on **21-06-2016**.
- One day Workshop on “Land and water Management Aspects of Godavari Western Delta, West Godavari District, Andhra Pradesh at Water and Environment Technology Research Centre, Department of Civil Engineering, SRKR Engineering College, Bhimavaram on **05-08-2016**.
- One day awareness workshop on “Jalasamrakshana” on the event of Holy Pushkaralu to Krishna River at Water and Environment Technology (WET) Research Centre, Dept. of Civil Engineering, SRKR Engineering College, Bhimavaram on **18-08-2016**.
- SERB sponsored Two day national level Workshop on “Geospatial Technologies” with special colloquium on ‘Evaluation of Land and Water Management Systems of West Godavari District, Andhra Pradesh, India’ at Geospatial Information Centre (GIC), Department of Civil Engineering, SRKR Engineering College, Bhimavaram on **27-10-2016 & 28-10-2016**.
- Two day International Conference on Emerging Multidisciplinary Research and Computational Intelligence (ICEMRCI-2016) at S.R.K.R. Engineering College, China Amiram, Bhimavaram on **15-12-2016 & 16-12-2016**.
- SERB sponsored Two day National workshop on “Aquaculture and its Impacts on Environment use Spatial Technologies” with special emphasis on ‘Godavari – Krishna Inter Deltaic Region’ at Geospatial Information Centre (GIC), Department of Civil Engineering, SRKR Engineering College, Bhimavaram on **15-12-2017 & 16-12-2017**.

- Two day International Conference on Applied Science and Technology (**ICAST-2018**) in Centre for Research and Development (CRD), SRKR Engineering College, Bhimavaram during **24-01-2018 & 25-01-2018**.
- One day workshop on Emerging Trends in Knowledge Societies: Universities / Institutes and their Social Responsibilities with special colloquium on Water and Sanitation (Public Health) Issues organized by UBA Cell & CRD, SRKR Engineering College, Bhimavaram held on **21-12-2018**.
- Two day International Conference on Applied Science and Technology (**ICAST-2019**) in SRKR Engineering College, Bhimavaram during **27th and 28th March, 2019**.

(g) Guest Lectures given: 01

(h) Details of Sponsored Research Projects: Nil

(i) Details of Patents: Nil

(j) Details of Consultancies from Industry: Nil

(k) Details of Ph.D. Guidance: Nil

(l) Details of Publications Citation Index

S No	Citation Database	Number of Citations	h-index	Web link
1	Google Scholar	17	2	https://scholar.google.com/citations?user=Xs0XgpUAAAAJ&hl=en
2	Scopus	--	--	--
3	SCI	--	--	--

(m) Details of Books/Book Chapters published:

Co-author - History of Science and Technology (HST) – 2 Editions.

Co-author – Environmental Studies (ES) – ISBN: 81-900900-0-5 (First Edition - 2017).

12. Administrative Positions Held:

Co-coordinator-GIC

Co-coordinator-R&D

Co-coordinator-UBA

13. **Membership in Professional Bodies :** (Member of International Association of Hydrological Sciences) (IAHS Membership Number: 15765)

14. Other Details if any:

- Guest Lecture on Remote Sensing and GIS applications for 4/4 Civil Engineering Students of D.N.R. College of Engineering and Technology, Bhimavaram in the year 2014.

- Co-author - History of Science and Technology (HST) – 2 Editions.
- Co-author – Environmental Studies (ES) – ISBN: 81-900900-0-5 (First Edition - 2017).
- Involved in DST/NRSC sponsored projects (6).
- B.Tech. Projects: 03 (2018-2019) - 5 students in each group
- B.Tech. Projects: 04 (2019-2020) - 5 students in each group (under pipeline)