

## Dr. P. A. Rama Krishna Raju



1. Designation : Professor
2. Department : Civil Engineering
3. Date of Birth : 20-03-1959
4. Date of joining : June, 1982
5. Experience (a) Teaching : 38 Years  
(b) Research : 38 Years
6. Mobile No : 9440891225
7. Email-ID : profparkraju@gmail.com  
profparkraju@srkrec.edu.in
8. Educational Qualifications :

Qualification	University/Board	Specialization	Year of Passing
Ph. D	Andhra University, Visakhapatnam	Hydrogeology	1992
M.Phil / M.Tech			
PG	Andhra University, Visakhapatnam	Geology	1982

9. Thesis of the Ph.D:

*Hydro-chemical study of shallow ground water environment and Prediction of water quality in coastal tracts of West Godavari District, Andhra Pradesh, India.*

10. Subjects Taught : Engineering Geology  
Environmental Science  
Building materials  
Environmental Sanitation

11. Research Experience :

(a) Research Area : Hydrogeology, Water Shed Management.

(b) Research Papers Published in Journals :

1. Paper entitled "Aquifer evaluation in parts of Godavari Delta" is published in Water, Ecology, Pollution and Management Journal, Volume 1, pp. 211-228, 1992.
2. Paper entitled "Delineation of Geomorphic land forms through remote sensing studies surrounding Kolleru lake area" is published in MAEER'S, MIT, Pune, Journal, Volume 4, pp. 126-128, 1996.
3. Paper entitled "Biosorption of Chlorine in Treated Drinking water" is published in Journal of Applied Hydrology (JAH), Volume 23, pp. 53-59, 2010.

4. Paper entitled "Biosorption of Chlorine in Treated Drinking water" is published in Journal of Applied Hydrology (JAH), Volume 23, pp. 53-59, 2010.
5. Paper entitled "Using participatory modeling to compensate for data scarcity in environmental planning; A case study from India" is published in Environment Model Software, Elsevier International Journal Elsevier (IJE), Volume 30, pp. 01-10, 2010.
6. Paper entitled "Impact of water quality on the studies of excystment and reproduction in *Colpoda steinii*" is published in Indian Streams Research Journal (ISRJ), Volume 1, Issue 5, pp. 154-157, 2011.
7. Paper entitled Application of Remote Sensing and Geographical Information Systems Techniques for Integrated Management of Kovvada Kalva Watershed, W.G Dt. A.P., Golden Research Thoughts, Vol.1, Issue 8, pp. 1-4, 2012
8. Paper entitled Integrated Geo-environmental evaluation for sustainable development on Watershed basis using Remote Sensing, GIS and Conventional data sets of Catchment Area of Kolleru Lake, W.G.District., A.P., Journal of Environmental Science: Development and Monitoring, Vol. 7, Issue 3, pp273-279, 2012
9. Paper entitled "Biosorption of halozens by probiotics" is published in Global Journal of Applied Environmental Science (GJAES), Volume 2, pp. 37-45, 2012.
10. Paper entitled "Bioremediation of Dyes in effluent water with a probiotics *Saccharomyces Cerevisiae*" is published in Indian Streams Research Journal (ISRJ), Volume 1, Issue 13, pp. 51-55, 2012.
11. Paper Entitled "Impact of Aquaculture on Physico-Chemical Characteristics of Water and Soils in the Coastal Tracts of East and West Godavari Districts, Andhra Pradesh, India" is published in International Journal of Engineering Trends and Technology (IJETT), Volume 6, Issue 6, pp. 313-319, 2013.
12. Paper Entitled "Aquaculture and its impact on ground water in East Godavari District Andhra Pradesh – A case study" is published in International Research Journal of Environmental Sciences (IRJES), Volume 2, Issue 10, pp. 101-106, 2013.
13. Paper Entitled "Aquaculture and its impact on ground water in East Godavari District Andhra Pradesh – A case study" is published in International Research Journal of Environmental Sciences (IRJES), Volume 2, Issue 10, pp. 101-106, 2013.
14. Paper Entitled "Alkalinity and Hardness Variation in Ground Water of East Godavari District Due to Aquaculture" is published in International Journal of Fisheries and Aquatic Studies (IJFAS), Volume 1, Issue 6, pp. 121-127, 2014.
15. Paper Entitled "Role of Macrophytes in self purification of ponds" is published in Journal of Management in Manufacturing and Services (IJMS), Volume 1, Issue 15, pp. 62-73, 2015.
16. T. Rambabu, P. Sankara Pitchaiah , P.Raghuram and P.A.R.K. Raju "Geoenvironmental appraisal of upper Budameru river catchment using remote sensing and GIS" is published in International

Journal of Remote Sensing and Geoscience (IJRSG), Volume 4, Issue 1, pp. 7-9, Jan – 2015 (ISSN No: 2319-3484) (Impact Factor: 0.564)

17. Raghuram P., Rambabu T., S.R. Reddy M., Sankara Pitchaiah P., A.R.K. Raju P. Suri Babu G., and Jeevan Kumar J. “Impact of Aqua Ponds on Soils of Godavari Western Delta, West Godavari District, Andhra Pradesh, India” is published in International Journal of Engineering Research and Development (IJERD). Volume-11 issue-5 pp-58-65, May 2015 (e-ISSN: 2278-067X, p-ISSN: 2278-800X) (Impact Factor: 4.61).
18. Rambabu T., Raghuram P., Sankara Pitchaiah P. and Raju P.A.R.K. “Geoenvironmental Evaluation of Amaravathi, New Capital city of Andhra Pradesh, India.” is published in International Journal of Geology Earth and Environmental Sciences (IJGEES), Volume-5 issue-3 pp-11-18, May 2015 (2277-2081) (Index Copernicus Value (ICV) = 67.36).
19. 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 (ISSN:0971-670X) (Impact Factor: xxx).
20. G. Suri Babu, E.U.B. Reddi, B. Hemasundar, P.A.R.K.Raju “Surface And Ground Water Quality of Potable Water in the Regions of Godavari Western Delta, West Godavari District, Andhra Pradesh, India” is published in International Journal of Research in Engineering and Science (IJRES), Volume 4, Issue 6, pp. 25-29, June 2016 (ISSN (Online): 2320-9364, ISSN (Print): 2320-9356) (Impact Factor: 3.541).
21. Jagapathi Raju Mantena, A.R.K. Raju Penmetsa, Vanisree Vallabhaneni, Raghu Ram Popuri, Rambabu Tenneti, Niharika Kondepudi, “Contamination of irrigation canals and its impact on human beings and livestock” published in International Journal of Research & Development Organization (IJRDO) – Journal of Mechanical and Civil Engineering, ISSN: 2456-1479, Volume 2 Issue 9, pp. 01-11, , September 2016 (ISSN: 2456-1479) (Impact Factor: 2.503).
22. Jagapathi R Mantena, A.R.K. Raju Penmetsa, S.R. Reddy Muppidi, Suri Babu Golla, Niharika Kondepudi, “Microbiological contamination of Drinking water in Western Delta of West Godavari District, Andhra Pradesh India” is published in International Research Journal of Environmental Sciences (IRJES), Volume 5, Issue 10, pp. 01-05, October 2016 (E-ISSN : 2319 - 1414) (Impact Factor: xxx).
23. G. Sri Bala, K. Niharika, P.A.R.K. Raju, M. Jagapathi Raju, “Classification of River water quality using irrigation indices - A case study of river Godavari” is published in International Journal for Research in Applied Science and Engineering Technology (IJRASET), Volume 4, Issue 11, pp. 179-183, November 2016 (ISSN:2321-9653) (Impact Factor: 4.895; ICV: 13.98).

24. Dr. M. Jagapathi Raju, Dr. P.A.R.K.Raju, Dr. M.S.R. Reddy, P.Raghuram, G. Suri Babu "Drinking water status of Eluru canal area – West Godavari District, Andhra Pradesh: A case study" is published in International Journal of Education and Applied Research (IJEAR), Volume 6, Issue 2, Spl. 2, pp.09-14, Dec, 2016 (ISSN: 2348 0033 (Online) | 2249 4944 (Print)) (GIF:0.678).
25. P.A.R.K. Raju, V. Vanisree, P. Raghuram, 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), (SPB Pharma Society), JCPS Special Volume: 10, pp. 77-87, 2016 (ISSN 0974-2115) (1.421) (Impact Factor: Nil).
26. T. Rambabu, P. Raghuram, Prof. P. Sankara Pitchaiah, Dr. P.A.R.K. 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), Volume 6, Issue 4, pp. 25-34, April 2017 (ISSN 2319 - 4847) (Impact Factor: 7.319).
27. T. Rambabu, P.Raghuram, P. Sankara Pitchaiah, P.A.R.K Raju "Integrated Management of Kovvada Kalva Watershed, West Godavari District, A.P., India using Remote Sensing & GIS", International Journal of Engineering and Technology (IJET), Volume 7, Issue 3 (31), pp. 80-85, 2018 (ISSN: 2227-524X) (Impact Factor: 0.14).
28. P. Raghuram, T. Rambabu, P.A.R.K Raju, P. Sankara Pitchaiah, "Geological and Geomorphological Evaluation of Kolleru-Upputeru catchment using Geospatial Technologies", International Journal of Engineering and Technology (IJET), Volume 7, Issue 3 (31), pp. 75-79, 2018 (ISSN: 2227-524X) (Impact Factor: 0.14).
29. K.M. Ganesh, G. Jai Sankar, 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), Volume 7, Issue 3 (31), pp. 194-199, 2018 (ISSN: 2227-524X) (Impact Factor: 0.14).
30. 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), Volume-8 Issue-1S3, pp.214-223, 2019 (Scopus) (ISSN:2277-3878) (Impact Factor: 5.92).
31. 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), Volume-8 Issue-1S3, pp.274-281, 2019 (Scopus) (ISSN:2277-3878) (Impact Factor: 5.92).

32. T. Rambabu, P. Raghuram, P. Sankara Pichaiah and 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", Journal Geological Society of India (JGSI), Vol.94, Issue. 2, pp.211-217, August, 2019, (SCIE) (Electronic ISSN: 0974-6889) (Impact Factor: 0.994).

(c) Research Papers Published in Proceeding of Conferences

S No	Author (s) Name	Title of the Research Paper	National/ International	Year of Publication	Place
1	Park Raju et al.	Identification of sea level fluctuations in part of Coastal tracts of W.G. Coastal zone on the basis of hydro chemistry	National seminar on Sea Level variation and its Impact on Coastal Environment	1989	Tamil University, Thanjavur
2	Park Raju et al.	Geo-electrical Investigations for delineation of aquifers and for deciphering the paleo-environmental conditions in parts of W.G.Dt., A.P.	National seminar on Sea Level variation and its Impact on Coastal Environment	1989	Tamil University, Thanjavur
3	Park Raju et al.	Hydro chemical investigations for delineation of corrosive zones parts of W.G.Dt., A.P.	National Seminar on Corrosion and Concrete and other building materials	1990	S.R.K.R.Engineering College, Bhimavaram
4	Park Raju et al.	Chloride concentration in parts of W.G.Dt and Its effects on corrosion	National Seminar on Corrosion and Concrete and other building materials	1990	S.R.K.R.Engineering College, and Bhimavaram
5	Park Raju et al.	Effects of temperature on strength characteristics of stabilized clayey soils	Indian Geo-technical conference –89	1989	Andhra University, Waltair
6	Park Raju et al.	Strength characteristics of stabilized beach sand with lime and flyash	Indian Geo-technical conference –89	1989	Andhra University, Waltair
7	Park Raju et al.	Integrated ground water studies and evaluation of Alluvial aquifers in pennar River basin, Nellore district, A.P.	National Conference on Environmental hydraulics and free surface flows	1997	--
8	Park Raju et al.	Deciphering Ground water using remote sensing techniques on coastal tracts of Nellore District, A.P.	Proceedings of the National Conference on Emerging trends in the development of sustainable ground water sources	1997	--
9	Park Raju et al.	Evaluation of Alluvial aquifers in Pennar basin, Nellore District, A.P.	National seminar on Ground water salinity, water resource development and management of purna Alluvial basin, Maharashtra	1999	Maharashtra
10	Park Raju et al.	Integrated remote sensing based natural resources evaluation studies of Kothapalli micro watershed, Ranga Reddy District, A.P.	Annual convention and symposium on spatial technologies for natural hazards management	2000	I.I.T., Kanpur
11	Park Raju et al.	Remote sensing and GIS based Hydrogeomorphological studies of Krishna - Godavari basin divide near Hyderabad, A.P., India.	Geoinformatics-2000 National conference on Geoinformatics	2000	Coimbatore.

12	Park Raju et al.	Role of Remote sensing for the evaluation of land and water resources of a micro water shed	Special volume on watershed development, Association of Hydrologists of India	2000	Vizag
13	Park Raju et al.	Hydro chemical modelling of Ground water regime of West Godavari district, A.P.	International workshop on modelling in Hydrogeology	2001	Anna University, Madras
14	Park Raju et al.	Hydro-chemical evaluation of ground water regime of Chintalapudi mandalam, W.G.Dt, A.P.	International seminar on modelling in Hydrogeology	2001	Anna University, Madras
15	Park Raju et al.	Environmental Explosive threat to Kolleru lake and coastal tracts of West Godavari and Krishna District, A.P	International conference on Hydrology and Watershed Management	2002	Hyderabad
16	Park Raju et al.	Integrated Remote sensing based Terrain evaluation - A factor for seismic response of structures	12 SEE-2002 Twelfth symposium on Earthquake Engineering	2002	Roorkee, India
17	Park Raju et al.	Construction of Polavaram project on Godavari river and its on Godavari Delta	Utilization of Godavari waters in the New Millennium	2004	S.R.K.R.Engineering College, Bhimavaram
18	Park Raju et al.	Role of National resources in the proposed bifurcation of major states into smaller regions	Utilization of Godavari waters in the new millennium	2004	S.R.K.R.Engineering College, Bhimavaram
19	Park Raju et al.	Kolleru lake and its environmental problems	National seminar on Utilization of Godavari waters	2004	S.R.K.R.Engineering College, Bhimavaram
20	Park Raju et al.	Evaluation of land and water management systems of Kolleru lake and its adverse affects on fragile coastal geo-environment using spatial Information techniques	National Conference on Scientific strategies for protection and preservation of wetlands in India, School of Environmental Sciences	2010	JNU, New Delhi
21	Park Raju et al.	Explosive Environmental threat of Salt water intrusion into Coastal tracts of West Godavari and Krishna Districts	Brain Storming Session on Sea Water Intrusion in Coastal Areas under WAR for Water Programme	2010	Andhra University, Visakhapatnam
22	Park Raju et al.	Global Warming	Green Summit on Climate Change- Issues and Concerns International Conference	2010	Hyderabad
23	Park Raju et al.	Macrophytes in Kolleru lake-A Boon or Bane	National Seminar on Lake Kolleru-The wetland Ecosystem: Conflict between Development and Environment	2011	Krishna University, Machilipatnam
24	Park Raju et al.	Effects of salt water Contamination on poultry form in Coastal Tracts of West Godavari District-A case Study	National Conference on Emerging trends in Advanced Biology-2011	2011	Adikavi Nannaya University, Rajahmundry
25	Park Raju et al.	Myth of Mineral Water	National conference on Environmental Perspectives and Challenges for the 21st Century	2011	Andhra University, Visakhapatnam
26	Park Raju et al.	Probiotics in bioremediation of dyes and food colors in effluent waters	International symposium on effect of emissions and effluent on	2011	A.U College of Engg. Visakhapatnam

			environment		
27	Park Raju et al.	Integrated Geoenvironmental evaluation for sustainable development on Watershed basis using Remote Sensing, GIS and Conventional data sets of upland area of West Godavari and part of Khammam districts, A.P.	XXIX AHI national seminar on HYDROLOGY	2011	Dr. B.R Ambedkar University, Srikakulam
28	Park Raju et al.	Spatial Database Generation on Lithology, Structure and Geomorphology of Northern part of Kolleru-Upputeru catchment using remote Sensing and GIS Techniques	Annual Convention on Geo-Spatial Technologies & Applications, Geo Summit-2011	2011	Satyabama University, Chennai
29	Park Raju et al.	Evaluation of land and water management systems of Kolleru lake and its adverse effects on fragile coastal geoenvironment using spatial information techniques	Ramsar-2013, National seminar on Conservation of Wetlands	2013	Alappuzha, Kerala
30	Park Raju et al.	Impending issues enforcing and explosive threat to irrigation systems and sustainable food grain production in India- an overview	National seminar on Irrigation technology of Kakatiyas	2013	NIT , Warangal
31	Park Raju et al.	Geo-environmental evaluation of Gogileru creek in the coastal tract of Andhra Pradesh, India using integrated geospatial technologies	National Symposium on Remote sensing and GIS for Environment with special emphasis on marine and coastal dynamics	2013	Andhra University, Visakhapatnam
32	Park Raju et al.	Challenges of New millennium : unquestionable thirst in Godavari and Krishna basins of Andhra Pradesh	National Conference on Innovations in Engineering and Technology	2013	Gudlavalleru Engineering College , Gudlavalleru
33	Park Raju et al.	Godavari and Krishna deltas: Hotspots for vulnerability	On The Occasion Of World Earth Day	2013	Institute Of Engineers (India) Vijayawada Local Centre
34	Park Raju et al.	Geological and Geomorphological evaluation of Kolleru and Northern part of Upputeru sub-catchment using Geo-Spatial technologies.	International workshop on wetland systems held at Andhra university, Visakhapatnam	2014	Andhra University, Visakhapatnam
35	Park Raju et al.	“Quality of Panchayat / Municipal Treated Water and Reverse Osmosis Treated Water in the Villages of Western Delta of West Godavari District, Andhra Pradesh, India”	32nd and 33rd AHI Annual Convention and National Seminar on Water Resources with a colloquium on Interlinking of Rivers	2015	Andhra University, Visakhapatnam
36	Park Raju et al.	“Interlinking of Godavari River with Krishna River through Pattiseema Lift Irrigation Scheme – Is a boon or Bane”	32nd and 33rd AHI Annual Convention and National Seminar on Water Resources with a colloquium on Interlinking of Rivers	2015	Andhra University, Visakhapatnam
37	Park Raju et al.	“Future Challenges in Water Management of A.P”	“Drinking water quality” with special emphasis on Impact of Agriculture and Aquaculture Practices in	2015	SRKR Engineering College, Bhimavaram

			coastal tracts of Godavari delta, A.P. India		
38	Park Raju et al.	Geological setup and geomorphological analysis of Kolleru and Northern part of Upputeru Subcatchment – A Geospatial Approach	International conference on Geospatial Technologies and Wetland Management	2016	Centre for Studies on Bay of Bengal, Andhra University, Visakhapatnam
39	Park Raju et al.	Geo-environmental Evaluation: Restoration of Kolleru lake ecosystem	International conference on Geospatial Technologies and Wetland Management	2016	Centre for Studies on Bay of Bengal, Andhra University, Visakhapatnam
40	Park Raju et al.	“Physico-Chemical and Biological Analysis of Drinking Water Status in Narasapuram 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)	2016	Sir. C.R. Reddy (A) College, Eluru, W.G. District, A.P.,
41	Park Raju et al.	“Integrated Geo-environmental evaluation for sustainable development on watershed basis using Remote Sensing, GIS of Upland area of West Godavari District, A.P., India”	“Geospatial Technologies” with special colloquium on ‘Evaluation of Land and Water Management Systems of West Godavari District, Andhra Pradesh, India’	2016	SRKR Engineering College, Bhimavaram
42	Park Raju et al.	“Assessment of the drinking Water Status of West Godavari Western Delta”	“Geospatial Technologies” with special colloquium on ‘Evaluation of Land and Water Management Systems of West Godavari District, Andhra Pradesh, India’	2016	SRKR Engineering College, Bhimavaram
43	Park Raju et al.	“Hydrologic and Hydrodynamic Modelling in Kolleru - Upputeru Catchment Area”	“Geospatial Technologies” with special colloquium on ‘Evaluation of Land and Water Management Systems of West Godavari District, Andhra Pradesh, India’	2016	SRKR Engineering College, Bhimavaram
44	Park Raju et al.	“River Bank filtration and ground water quality in coastal areas of Godavari delta”	“Geospatial Technologies” with special colloquium on ‘Evaluation of Land and Water Management Systems of West Godavari District, Andhra Pradesh, India’	2016	SRKR Engineering College, Bhimavaram
45	Park Raju et al.	“Assessment of Water quality for irrigation water bodies of Eluru stream, Godavari river west Godavari district, A.P., India”	“Geospatial Technologies” with special colloquium on ‘Evaluation of Land and Water Management Systems of West Godavari District,	2016	SRKR Engineering College, Bhimavaram



			Andhra Pradesh, India'		
46	M. Jagapathi Raju, PARK Raju, MSR Reddy, P.Raghuram, G. Suribabu	Drinking Water Status of Eluru Canal Area- West Godavari District, Andhra Pradesh- A Case Study	National seminar on Drinking Water Quality in Rural India: Challenges and Remedies. NSDWQRICR-16	2016	SIR C R Reddy Educational Institutions, Eluru 21& 22 December 2016
47	T. Rambabu P. Raghuram JJ Kumar PARK Raju PS Pitchaiah	Water Quality Assessment through Geospatial Technologies	International Symposium on Recent Innovations in Engineering Materials (RIEM-17)	2017	Department of Engineering Chemistry, SRKR Engineering College (A), Bhimavaram, 31 <sup>st</sup> August 2017
48	P. Raghuram T. Rambabu PARK Raju PS Pitchaiah	Quality of Ground Water in Kolleru Catchment, West Godavari District, Andhra Pradesh, India – A Geospatial Approach	International Symposium on Recent Innovations in Engineering Materials (RIEM-17)	2017	Department of Engineering Chemistry, SRKR Engineering College (A), Bhimavaram, 31 <sup>st</sup> August 2017
49	G. Suribabu EUB Reddy V. Vanisree MSR Reddy PARK Raju	Saccharomyces Cerevisiae – A Probiotics in Health, Environment, Agriculture and Aquaculture	International Symposium on Recent Innovations in Engineering Materials (RIEM-17)	2017	Department of Engineering Chemistry, SRKR Engineering College (A), Bhimavaram, 31 <sup>st</sup> August 2017
50	G. Suri Babu, E.U.B. Reddi, V. Vanisree, M.S.R. Reddy, P.A.R.K. Raju	Aquaculture Impact on Groundwater quality of Western Delta of West Godavari District: A Case Study	“Aquaculture and its impacts on Environment using Spatial Technologies” with special emphasis on ‘Godavari –Krishna Deltaic Region’	2017	Geospatial Information Centre (GIC) Department of Civil Engineering S.R.K.R. Engg. College, China Amiram Bhimavaram, W.G. District, Andhra Pradesh, India-534204
51	G. Sri Bala, V. Adhira, M. Jagapathi Raju, P.A.R.K. Raju	Pollution Index – A Simple Statistical Measure for Water Quality Assessment	“Aquaculture and its impacts on Environment using Spatial Technologies” with special emphasis on ‘Godavari –Krishna Deltaic Region’	2017	Geospatial Information Centre (GIC) Department of Civil Engineering S.R.K.R. Engg. College, China Amiram Bhimavaram, W.G. District, Andhra Pradesh, India-534204
52	Dr. K.M. Ganesh, Dr. G. Jai Sankar, Dr. P.A.R.K.	Multi criterion analysis for ground water potential zones along river Gostani and surroundings of	“Aquaculture and its impacts on Environment using Spatial	2017	Geospatial Information Centre (GIC)

	Raju, Dr. R. Subba Rao	Visakhapatnam	Technologies” with special emphasis on ‘Godavari –Krishna Deltaic Region’		Department of Civil Engineering S.R.K.R. Engg. College, China Amiram Bhimavaram, W.G. District, Andhra Pradesh, India-534204
53	G. Suribabu EUB Reddi V. Vanisree MSR Reddy PARK Raju	Assessment of ground water quality and drinking water in western delta of West Godavari District, A.P., - A case study	International Conference on Applied Science and Technology (ICAST-2018)	2018	Centre for Research and Development (CRD), SRKR Engineering College, Bhimavaram
54	V.S. Sarma PARK Raju	Significance of Electrical Resistivity Imaging (ERI) for studies on environment and sea water intrusion impact in different regions	International Conference on Applied Science and Technology (ICAST-2018)	2018	Centre for Research and Development (CRD), SRKR Engineering College, Bhimavaram

(d) Workshops/STTP/QIP Attended

Name of the Workshop / STTP	Place	Period	
		From	To
International Seminar on Hydrology with a special colloquium on Environmental problems and water resources of Himalayan region	Katmandu, Nepal	19-4-1993	21-4-1993
National conference on Environmental Hydraulics and free surface flows	A.U, Visakhapatnam	21-2-1997	22-1-1997
Workshop on modeling in Hydrogeology	Anna University, Madras	3-12-2001	7-12-2001
International conference on HYDROLOGY and WATERSHED MANAGEMENT	Hyderabad	18-12-2002	20-12-2002

(e) Workshops Conducted

S No	Name of the Workshop/ STTP	Place	Period	
			From	To
1	National seminar on “Utilization of Godavari waters in the New Millennium”	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P.	18-10-2004	-
2	Kolleru Lake Stakeholders Workshop	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	21-11-2006	-
3	Workshop on “Land and water management systems of west Godavari district”	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	29-03-2008	-
4	Workshop on “Hydrology and watershed management systems of	S.R.K.R.Engineering College, China Amiram,	13-12-2008	-

	West Godavari District”	Bhimavaram, W.G.Dt, A.P		
5	Seminar on Water Resources and Electricity problems in Andhra Pradesh after bifurcation	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	10-08-2013	-
6	Workshop on Necessity of Integration of Andhra Pradesh	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	26-08-2013	-
7	Seminar on Polavaram Project regarding Bhadrachalam Division	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	07-03-2014	-
8	Seminar on Construction of Polavaram Project	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	02-04-2014	-
9	Workshop on Geospatial Technologies: Wetland Ecosystems	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	17-12-2014	18-12-2014
10	Two day workshop on “Drinking Water Quality” with special emphasis on ‘Impact of Agriculture and Aquaculture Practices in Coastal Tracts of Godavari Delta, Andhra Pradesh	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	28-08-2015	29-08-2015
11	One Day Workshop on Space Technologies – Societal Benefits	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	24-12-2015	-
12	Seminar on Necessity of Polavaram Project	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	21-06-2016	-
13	One day Workshop on Land and Water Management Aspects of Godavari Western Delta	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	05-08-2016	-
14	One day Workshop on Jala Samrakshana on the eve of Holy Pushkaralu to River Krishna	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	18-08-2016	-
15	Two day workshop on “Geospatial Technologies” with special colloquium on ‘Evaluation of Land and Water Management Systems of West Godavari District, Andhra Pradesh, India’	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	27-10-2016	28-10-2016
16	Two day International Conference on Emerging Multidisciplinary Research and Computational Intelligence (ICEMRCI-2016)	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	15-12-2016	16-12-2016
17	“Aquaculture and its Impacts on Environment using Spatial Technologies” with special emphasis on ‘Godavari – Krishna Inter Deltaic Region’	S.R.K.R.Engineering College, China Amiram, Bhimavaram, W.G.Dt, A.P	15-12-2017	16-12-2017

(f) Details of Sponsored Research Projects

S No	Title of the Project	Amount Sanctioned In. Lakhs	Issued Authority	Status	Year of Sanction
1	Integrated Geo- Environmental evolution for sustainable development on watershed basis using remote sensing, GIS and	20.45	NRDMS Division, DST, New Delhi.	Completed	2005

	Conventional data sets.				
2	Collaborative research program on Kolleru lake and Upputeru estuary rehabilitation study	15	WAGENENGIN UR, Netherlands	Completed	2006
3	Evaluation of land and water management systems of Kolleru lake and its adverse effects on fragile coastal geo-environment using spatial information techniques	9.52	SERC Division, DST, New Delhi	Completed	2007
4	Application of probiotics in treating drinking water	33.57	Mission Cell : Solar energy and Water, DST New Delhi	Completed	2009
5	Spatial Data base Generation on Lithology, Structure, Geomorphology of Northern part of Kolleru - Upputeru catchment using Remote sensing and GIS techniques.	31.39	NRDMS Division, DST, New Delhi	Completed	2009
6	Impact of aquaculture on soils and groundwater quality in parts of the coastal tracts of Godavari central delta	29.93	Mission Cell : Solar energy and Water, DST New Delhi	Completed	2012
7	Assessment of the quality of drinking water sources of Godavari western delta, West Godavari District, Andhra Pradesh, India. (Co-PI)	35.438 lakhs	Technology Mission Cell : Solar energy and Water, DST New Delhi	Completed	2014
8	Mobile based asset mapping for Panchayats / Equivalent Bodies of East Godavari District on GIS Platform (Coordinator)	21.38	NRSC, Hyderabad	Under Progress	2017
9	Ground Truth Verification Of Land Use / Cover, Andhra Pradesh State And Ported To Bhuvan's Portal Directly Using Mobile App. (Co-Coordinator)	2.7	NRSC, Hyderabad	Under Progress	2017
10	Mobile based asset mapping for Panchayats / Equivalent Bodies of West Godavari District on GIS Platform (Co-Coordinator)	18.18	NRSC, Hyderabad	Under Progress	2017

(f) Details of Patents : **NILL**

(g) Details of Consultancies from Industry: **NILL**

(h) Details of Ph.D. Guidance/Support

S No	Name of the Scholar	University	Year of Registration	Research Area	Year of Award
1	Dr. M. Jagapathi Raju	Andhra University	1995	Hydrology	2000
2	Dr. A. Subrahmanyam Raju	Andhra University	1999	Hydrology	2005
3	Dr. T. Rambabu	Acharya Nagarajuna University	2014	Geology	2019
4	Dr. P. Raghuram	Acharya Nagarajuna University	2014	Geology	2019
	G. Sribala	Andhra University	2014	Environmental Engineering	Yet to be awarded

(i) Details of Publications Citation Index

S No	Citation Database	Number of Citations	h-index	Web link
1	Google Scholar	62	3	<a href="https://scholar.google.com/citations?hl=en&amp;user=2ixDKhUAAAAJ&amp;sortBy=pubdate&amp;scilu=&amp;scisig=AMD79ooAAAAAXjFG9IFMrULNiOK-pMFWD-ub7KIpMNqM&amp;gmla=AJsN-F6vTDS0UMm1IcemN4SftSgqXqyObYpTlpCJ-a-ANj3lzzZ7RdGE-ODhhq7PHMa6Zpv_jD1wupngDhuLrZHC6LCyTk-Kbh1FbfdQGyXQ8Dd5Dz9oP8&amp;sciund=15967184441468688332">https://scholar.google.com/citations?hl=en&amp;user=2ixDKhUAAAAJ&amp;sortBy=pubdate&amp;scilu=&amp;scisig=AMD79ooAAAAAXjFG9IFMrULNiOK-pMFWD-ub7KIpMNqM&amp;gmla=AJsN-F6vTDS0UMm1IcemN4SftSgqXqyObYpTlpCJ-a-ANj3lzzZ7RdGE-ODhhq7PHMa6Zpv_jD1wupngDhuLrZHC6LCyTk-Kbh1FbfdQGyXQ8Dd5Dz9oP8&amp;sciund=15967184441468688332</a>
2	Scopus	2	1	<a href="https://www.scopus.com/authid/detail.uri?authorId=57209780390">https://www.scopus.com/authid/detail.uri?authorId=57209780390</a>
3	SCI			

(j) Details of Books/Book Chapters published: Economic Geology

12. Administrative Positions Held:

Dean R&D, S. R. K. R. Engineering College, Bhimavaram  
Coordinator: WET Research Centre  
Geospatial Information Centre  
Kolleru Lake Information Centre

13. Membership in Professional Bodies :

Member in Academic Council, SRKREC, Bhimavaram  
Member, BOS, DNR College, Bhimavaram  
Life Member - Association of Hydrology of India (AHI)

14. Achievements: Advisor, Farmers Association, West Godavari District

15. Other Details if any:

Professional Experience:

- (1) Remote Sensing studies: Executed various Remote Sensing based application for the evaluation of natural resources.
  - (2) Ground Water Exploration
- Agricultural purpose: Under taken various ground water studies under drought prone areas.
  - Aqua culture purpose: under taken various integrated ground water studies for coastal tracts of W.G.Dt., E.G.Dt., for providing saline water/fresh water for aquaculture.
  - Industrial purpose: Under taken several water supply systems for various industries which include Circar paper Mills, Nellore District, A.P.
  - Drinking water purpose: Executed various drinking water projects in coastal tracts of W.G.Dt., A.P.

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