

## **CURRICULAM VITAE**

**Dr. H. RAMAMOCHAN**

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### **CAREER OBJECTIVES:**

Intend to Build a Career with Leading Corporate of Hi-Tech Environment with Committed & Dedicated People, Which Will Help Me to Explore Myself Fully and Realize my potential.

### **TECHNICAL SKILLS:**

- MS office
- Diploma in Industrial Safety & Environment, Annamalai University, TN.

### **EDUCATIONAL BACKGROUND:**

- Ph. D at Andhra University, Environmental Sciences, Vizag.  
Awarded in June, 2015
- M.Sc in Environmental Sciences, Andhra University, Vizag.  
1993 pass out, 66.66%, First Class.
- M.Sc in Zoology with Biotechnology specialization, Annamalai University, TN.  
2005 pass out, 68%, First Class.
- B. Sc (C B Z), Govt. Degree College, Tekkali. Andhra University, Vizag.  
1989 pass out, 66%, First Class.
- “Health Research Fundamentals” an online NPTEL certificate course completed successfully from IITM & ICMR NIE during March-2017 with 55% score.
- “Accreditation and Outcome Based Learning” an online NPTEL certificate course completed successfully from IIT Kharagpur during August-October, 2019 with 78% (Elite).
- “Plastic Waste Management” an online NPTEL certificate course completed successfully from IIT Kharagpur during January-March, 2021 with 83% (Elite).

### **EXPERIENCE:** Total 28 Years.

**Research:** 7 Years. 1993-95 as JRF at A.U., Vizag and Research Projects

- Worked for a Major Research Project as Junior Research Fellow titled “Development and Management of Ecohamlets for the Conservation of Eastern Ghats Forests in the Vizianagaram Dt.”, funded by the Ministry of Environment & Forests, Govt. of India, New Delhi.

- Conducted Environmental Impact Assessment for Flora and Fauna of Yeleru Reservoir Project Canal as a member, E.G. Dt., A.P.
- Worked as CO-PI for a major DST Research Project during 2012-2016

**Industrial:** 3 Years. 1997-2000 at Visakhapatnam Steel Plant

- Worked as Plant Supervisor/Junior Manager at MBC and ETP at Visakhapatnam Steel Plant, Vizag.

**Teaching:** 18 Years. 2000-Till date

- Associate Professor, AITAM, Tekkali, 2016 July-Till date.
- Sr. Asst. Professor, AITAM, Tekkali, 2015 February-2016 June.
- Asst. Professor, AITAM, Tekkali, 2007 December-2015 January.
- Worked as Lecturer, Sr. Lecture and HOD of Biology & Environmental Science. 2000 November-2007 December, GCSR College, GMR Group, Rajam.

**Areas of Interest in Research:**

1. Biodiversity & Conservation and Carbon Sequestration
2. Environmental Health and Sanitation
3. Water Technology
4. Environmental Impact Assessment and Management
5. GIS and Remote Sensing
6. Bio-Remediation

**Research Projects Taken up:**

**A Major Research Project Entitled “Water quality and its role in endemic kidney disease in coastal Srikakulam-a synergic perception for assessment and remedies” as Co-PI, Sponsored by DST, New Delhi. Project Cost: Rs 1.82/- Crores.**

**No. of Papers Published and Details of Publications:** 11 (Eleven)

1. M. V. Subba Rao, H. Ramamohan, ANPS Madhavi, KCHV Subbarao and P Sekhar (1994) Present Status of the Forests in Relation to Tribal activities at three Mandal Areas of Vizianagaram District, AP. Journal of Nature Conservation, Vol.6, No.2, pp.187-192.
2. M. V. Subba Rao, H. Ramamohan, ANPS Madhavi, KCHV Subbarao and P Sekhar (1995) Land use practices and population dynamics of Tribal's in Pachipenta and Srungavarapu Kota Mandals of Vizianagaram District, AP. Journal of Nature and Environment, 12(1-10).
3. S. V. Maruti Prasad, H. Ramamohan and B. Srinivasa Rao (2014) “A Note on Natural Adsorbant (*Moringa oleifera*) as Antimicrobial Agent in Water Purification”, International Journal of Research in Engineering and Technology, eISSN: 2319-1163/ pISSN: 2321-7308, vol: 3, Issue: 7, July-2014, pp: 57-60.

4. H. Ramamohan and I. Sudhakar (2014) Evaluation of Ground Water Quality for the Pre and Post-Monsoon Variations in Physico-Chemical Characteristics of North East Coast of Srikakulam district, A. P., India, International Journal of Engineering Research & Technology, ISSN: 2278-0181, Vol: 3, Issue: 9, September-2014, pp: 124-131.
5. H. Ramamohan / B. Visweswara Reddy, (2015) 'Geospatial Approach for the Assessment of Spatial Distribution of a Groundwater Quality Parameter (pH) - A Case Study on Vajrapukotturu Mandal, Srikakulam District of North Coastal Andhra Pradesh, India'. JOURNAL OF APPLIED HYDROLOGY, Vol. XXVIII No. 3&4, July & Dec., 2015, pp. 12-22.
6. H. Ramamohan, I. Sudhakar, P. Suresh Patnaik and A. Udayasree (2016) Assessment and Substantiation of ground water quality to ascertain WQI in some selected areas of north east coast of Srikakulam district, A.P., India., International Journal of Environmental Sciences, Pp: 881-896.
7. H. Ramamohan (2017) Costing of Total Biomass, C-Stock and CO<sub>2</sub> Sequestered by the Trees out of Forest (TOF) at Telineelapuram Bird Protected Area, an IBA Site; IN 229 India. Algerian Journal of Environmental Science and Technology, Vol. 3, No. 3B, pp: 69-76.
8. H. Ramamohan and K. Kameswara Rao (2017) Breeding Success and Mortality Rates in the Spot-Billed Pelican (*Pelecanus philippensis*), at Telineelapuram Bird Protected area, (an IBA Site; IN 229) Srikakulam District, Andhra Pradesh, India, *Indian Forester*, 143 (10): Pp: 1064-1070.
9. Venkata Maruti Prasad S, H. Ramamohan and B. Srinivasa Rao (2017) Assessment of Coagulation Potential of Three Different Natural Coagulants in Water Treatment., International Journal of Research and Scientific Innovation (IJRSI), Volume IV, Issue XII, pp: 7-9.
10. H. Ramamohan, S. Raminaidu and I. Sudhakar (2018) Rainfall Patterns and Food Crops Production to Evaluate Climate Change in Regidi-Amadalavalasa Mandal of Srikakulam District, A. P., India., Journal of Emerging Technologies and Innovative Research (International) (JETIR), Volume 5, Issue 12, pp: 198-208.
11. H. Ramamohan, I. Sudhakar and S. V. Maruti Prasad (2019) Groundwater Quality and its Role in Endemic Kidney Diseases-A Case Study at North East Coast (Uddanam) of Srikakulam District, Indian Journal of Environmental Protection (IJEPP), 38 (9): PP: 719-727.

12. M. Avinash, I. Sudhakara Rao, S. Raminaidu and H. Ramamohan (2022) Development and Sensitivity Analysis of Groundwater Using Water Quality Index-A Case Study, IJEP 42 (1): pp: 80-87.

**No. of Conference/Seminar Papers Presented and Details:**

1. H. Ramamohan (2012) Diversity of Birds and Habitat Conservation Strategies of two Important Birds, Spot- Billed Pelican (*Pelecanus philippensis*) and Painted Stork (*Mycteria leucocephala*) at Telineelapuram Bird Protected Area, AP, India. Paper presented in a national conference on Environment and Sustainable Development, held at N. U. Guntur.
2. H. Ramamohan (2012) Integrated Solid Waste Management for better disposal. Paper presented in a national conference on Environment and Sustainable Development, held at N. U. Guntur.
3. S. V. Maruti Prasad, H. Ramamohan and B. Srinivasa Rao (2015) Comparision of Specific Water Quality Parameters by Using Three Different Natural Coagulants in Water Treatment. Presented in 102<sup>nd</sup> Indian Science Congress, held at University of Mumbai from 3-7 January, 2015.
4. B. Srinivasa Rao, S. V. Maruti Prasad and H. Ramamohan (2015) Micro Air Quality Survey in Rural Industrially Effected Area. Presented in 102<sup>nd</sup> Indian Science Congress, held at University of Mumbai from 3-7 January, 2015.
5. B.Sesikeran / N.V.B.S.S Prasad / K.S Sastry / H. Ram Mohan Rao / P. Rajendra Prasad / P.Padmavathi Devi / G. Satyanarayana / P. Ramadas / Ch. Sailaja laxmi, (2015) 'Role of Drinking Water in Chronic Kidney Disease in Uddanam Region of Coastal Srikakulam District, Andhra Pradesh'. Paper presented in a national seminar on water Resources which is scheduled on 10<sup>th</sup> and 11<sup>th</sup> July-2015 at A.U., Vizag.
6. B.Sesikeran / N.V.B.S.S Prasad / K.S Sastry / H. Ram Mohan Rao / P. Rajendra Prasad / P.Padmavathi Devi / G. Satyanarayana / P. Ramadas / Ch. Sailaja laxmi, (2015) 'A study on the effect of trace elements on Kidneys In Uddanam Region of Coastal Srikakulam District, Andhra Pradesh'. Paper presented in a national seminar on water Resources which is scheduled on 10<sup>th</sup> and 11<sup>th</sup> July-2015 at A.U., Vizag.
7. Presented a paper on "Groundwater Quality and its Role in Endemic Kidney Diseases-A Case Study at North-East Coast (Uddanam) of Srikakulam district, A. P., India" at an **international conference** on Recent Trends in Synthetic Methods and Material Chemistry (RTSMC-2018), Annamalai University, Tamil Nadu during 2nd and 3rd February, 2018.
8. Presented a paper on "Annual Arrival and Departure Patterns of Spot-Billed Pelicans (*Pelicanus philippensis*) at Telineelapuram Bird Protected Area, A.P., an

IBA Site; IN 229 India.” at a national seminar on State of Environment: Environmental Protection, Management and Governance (NS-SEPMG), Andhra University, Visakhapatnam during 29<sup>th</sup> & 30<sup>th</sup> June, 2018.

9. Presented a paper on “Rainfall Patterns and Food Crops Production to Evaluate Climate Change in Regidi-Amadalavalasa Mandal of Srikakulam District, A.P., India.” at an International Conference on Emerging Trends on Engineering Science, Technology and Management (ICETESTM-18), AITAM, Tekkali during 29<sup>th</sup> & 30<sup>th</sup> November, 2018, ISBN: 978-81-939399-2-5.
10. Presented a paper on “Environmental Impact Assessment (EIA) of Flora and Its Role in Offsetting Carbon along National Highway-16: Case Study from Srikakulam District, A.P., India.” at an International Conference on EMERGING TRENDS IN WATER RESOURCES AND GEOENVIRONMENTAL ENGINEERING (ETWREE-22), MVGR College of Engineering, Vizianagaram during 27<sup>th</sup> to 29<sup>th</sup> January, 2022.

#### **Details of Workshops / Refresher Courses Attended:**

1. Attended a one-day Faculty Development Program on “Teaching Methodology and Techniques for Engineering Faculty” at AITAM, Tekkali during 11<sup>th</sup> Nov, 2009.
2. Attended a “National Seminar on Environment and Sustainable Development” at Acharya Nagarjuna University, Guntur during 28<sup>th</sup> and 29<sup>th</sup> October, 2011.
3. Attended a “National Workshop on Modern Analytical Techniques for Industry and Environment (MATIE)” at GMRIT, Rajam during 2<sup>nd</sup> and 3<sup>rd</sup> March, 2012.
4. Attended a one-day Workshop on “Outcome Based Education (In compliance with NBA Accreditation)” at AITAM, Tekkali during 19<sup>th</sup> Jan, 2013.
5. Attended a one-day Workshop on “Intellectual Property Rights” at AITAM, Tekkali during 16<sup>th</sup> Feb, 2015.
6. Attended a one-day Workshop on “Outcome Based Education in association with IUCEE” at AITAM, Tekkali during 9<sup>th</sup> March, 2015.
7. Attended a National Seminar on “Industrial Ecology-Interdisciplinary Perspectives and Opportunities (IEIPO-15)” at GMRIT, Rajam during 20<sup>th</sup> and 21<sup>st</sup> March, 2015.
8. Attended a Tequip-II & ESCI sponsored training programme on “Pedagogy and Management Capacity Enhancement Programme for Teaching Staff” at AITAM, Tekkali during 23<sup>rd</sup> to 25<sup>th</sup> June, 2016.
9. Attended a one-day awareness workshop sponsored by DeitY on “Intellectual Property Rights (IPR) in E & IT Sector” at AITAM, Tekkali during 5<sup>th</sup> July, 2016.

10. Attended a Tequip-II sponsored national workshop on “Contemporary Perspectives of Mathematical and Physical Sciences Pertaining to Engineering and Technology” at AITAM, Tekkali during 18<sup>th</sup> to 23<sup>rd</sup> September, 2016.
11. Attended a Tequip-II sponsored national workshop on “Recent Developments in Structural Engineering” at AITAM, Tekkali during 17<sup>th</sup> to 22<sup>nd</sup> October, 2016.
12. Attended a one-day workshop on “Intellectual Property Rights and Innovations” at AITAM, Tekkali during 5<sup>th</sup> February, 2017.
13. Presented a poster “Assessment and Corroboration of Groundwater Quality to determine WQI in some selected areas of North-East Coast of Srikakulam district, A.P. India” at a national conference in 3<sup>rd</sup> A.P. Science Congress on Green Technologies for Transformation and Sustainable Development by APAS, Amaravati and AU, Vizag during 7<sup>th</sup> to 9<sup>th</sup> November, 2017.
14. Attended a national seminar on “Recent Innovations in Civil Engineering” at AITAM, Tekkali during 7<sup>th</sup> to 8<sup>th</sup> December, 2017.
15. Presented a paper at an **international conference** on Recent Trends in Synthetic Methods and Material Chemistry (RTSMC-2018), Annamalai University, Tamil Nadu during 2nd and 3rd February, 2018.
16. Presented a poster at an **international conference** on Recent Trends in Synthetic Methods and Material Chemistry (RTSMC-2018), Annamalai University, Tamil Nadu during 2nd and 3rd February, 2018.
17. Attended a one-day awareness program on “Intellectual Property Rights and Patents” at AITAM, Tekkali during 8<sup>th</sup> June, 2018.
18. Presented a paper at a national seminar on State of Environment: Environmental Protection, Management and Governance (NS-SEEPMG), Andhra University, Visakhapatnam during 29<sup>th</sup> & 30<sup>th</sup> June, 2018.
19. Presented a paper at an International Conference on Emerging Trends on Engineering Science, Technology and Management (ICETESTM-18), AITAM, Tekkali during 29<sup>th</sup> & 30<sup>th</sup> November, 2018, ISBN: 978-81-939399-2-5.
20. Attended a Two day National Seminar on “Geospatial Technology for Environmental Sustainability at Indian Scenario” at Kallam Haranadha Reddy Institute of Technology during 12<sup>th</sup> -13<sup>th</sup> March, 2019.
21. Attended One-week Refresher Course (QIP) on “Applications of Remote Sensing and GIS for Hydrology and Water Management” at IIT Bombay during 15<sup>th</sup> July-19<sup>th</sup> July, 2019.
22. Completed and Qualified the exam of One Week STTP on Advanced Research Methodology as online mode from REST-RSRI, TN during 11<sup>th</sup> to 15<sup>th</sup> May., 2020.

23. One Week International Faculty Development Program on "Research Challenges and Innovations in Renewable Energy Systems" as online mode from AVIT, TN during 11<sup>th</sup> to 16<sup>th</sup> May, 2020.
24. One Week FDP on "PERFORMANCE OF RELIABLE MATERIALS IN CONCRETE" through online mode from AITAM, Tekkali, A.P., during 29<sup>th</sup> June to 3<sup>rd</sup> July., 2020.
25. One Week FDP on "Water and Environmental Modeling using MIKE, Remote Sensing and GIS Applications" as online mode from SITAM, VZM, A.P., during 13<sup>th</sup> to 17<sup>th</sup> July., 2020.
26. One Week FDP on "Education 4.0 – Digital Teaching and Learning" as online mode from Dr. L B College, Vizag, A.P., 31<sup>st</sup> Aug. to 4<sup>th</sup> Sep., 2020.
27. One-Week Online Faculty Development Program on "Outcome Based Education and Accreditation" as online mode from ISTE Telangana, JNTUH, Mahatma Gandhi Institute of Technology, Hyderabad and Swecha during 5<sup>th</sup> to 9<sup>th</sup> Oct., 2020.
28. One Week Short Term Training Program through ICT Mode on Estimating and Costing of Non-conventional Energies from NITTTR, Kolkata during 6<sup>th</sup> to 10<sup>th</sup> Dec., 2021.
29. One Week Short Term Training Program through ICT Mode on Laboratory Practice on Civil Engineering Materials – Concrete from NITTTR, Kolkata during 13<sup>th</sup> to 17<sup>th</sup> Dec., 2021.
30. One Week Short Term Training Program through ICT Mode on Laboratory Testing of Soil from NITTTR, Kolkata during 20<sup>th</sup> to 24<sup>th</sup> Dec., 2021.
31. One Week Short Term Training Program through ICT Mode on Essentials of Strategic Management in Technical Institutions from NITTTR, Kolkata during 3<sup>rd</sup> to 7<sup>th</sup> Jan., 2022.
32. Two Week Short Term Training Program through ICT Mode on Environmental Pollution: Laboratory and Testing from NITTTR, Kolkata during 17<sup>th</sup> to 28<sup>th</sup> Jan., 2022.

#### **Major Achievements:**

1. Acting as a Reviewer for Springer Journal EMAS.
2. Ratified as Assoc. Professor in 2016 in JNTUK selections.
3. Co-Principal Investigator for a major DST research project titled **"Water quality and its role in endemic kidney disease in coastal Srikakulam-A synergic perception for assessment and remedies"**.
4. Ratified as Asst. Professor in 2010 in JNTUK selections.
5. Successfully completed one M. Phil under my guidance.

6. Guiding one Ph. D. student as CO-Guide under Annamalai University, Tamil Nadu.
7. Conducted Environmental Impact Assessment (EIA) for Flora and Fauna of Yeleru reservoir project canal, E.G. District, A.P. as a member.

**Memberships of Professional Societies and Other Organizations:** MISG (Life Member), Membership No: ISG-L-2167.

**PERSONAL PROFILE:**

Full Name : Dr. HANUMANTHU RAMAMOHAN  
Father's Name : GAVARAIAH, H  
Date of Birth : 01-07-1969  
Gender : Male  
Marital Status : Married  
Languages Known : English, Telugu, and Hindi  
Nationality : Indian

**Permanent Address:**

Flat No: 202, 2<sup>nd</sup> Floor; Saivihar Apartment  
Sainagar Colony; Opp. Mango Hyundai Showroom  
Pedapadu Road; Srikakulam  
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[drhrmdora@gmail.com](mailto:drhrmdora@gmail.com)

**DECLARATION**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Station : Tekkali  
Date : 09-04-2022



(Dr. H. RAMAMOHAN)