

**CURRICULUM VITAE**  
of  
**Dr. M. Hanumantha Raju**  
*Assistant Professor in Zoology,*  
Government College for Women (A), Guntur.

**Date of Birth:**

15<sup>th</sup> July, 1963

**Education:**

**Ph.D. (September 1997)** : The study of tissue enzymes of sewage fed fishes with special reference to biochemical and pathological assessment for human consumption.

**M.Sc (April 1986)** : Zoology (Fisheries), Saifia College of Science & Education (P.G. Centre), Bhopal University, Bhopal, (M.P.)

**B.Sc (April 1984)** : Zoology, Botany & Chemistry. C.S.R. Sharma College, Ongole, Prakasam District, Andhra University, Andhra Pradesh.

**Teaching Experience** : [10 years as Junior Lecturer and 10 years as Degree Lecturer]

- 08.06.2001 to 06.11.2010 as Junior Lecturer in Zoology at Government Junior Colleges at Gurazala & Piduguralla in Guntur District.
- 07.11.2010 to 30.09.2014 as Lecturer in Zoology at Government Degree College, Vinukonda, Guntur District.
- 01.10.2014 to till date (13-05-2023) as Lecturer in Zoology at Government College for Women, Guntur.

**Classes dealing:**

Taking Classes for 1<sup>st</sup>.B.Sc., 2<sup>nd</sup> B.Sc.,

(Subjects: Animal Diversity-Invertribates & vertribates, Bio-diversity, Toxicology & Environmental Biology)

1<sup>st</sup>, 2<sup>nd</sup> & Final Aquaculture subject to B.Sc Aquaculture students.

**Research Experience:**

Worked as Research fellow in ICAR-USDA (PL-480), for 6 years for pursuing Ph.D Thesis.

## Minor Research Project:

Allotted a MRP by SERO UGC, Hyderabad for Rs.2 lakhs in the year 2012-14.

Topic: A Study on Prevalence of Malaria in Agency areas of West Godavari District

## Publications : (Full Papers)

- (1). A study on prevalence of malaria in different mandals of East Godavari District, A.P. India – M. Hanumantha Raju et. al.– International Journal of Latest Research in Science & Technology Vol.3 Issue No:6, P-74-77, Nov-Dec-2014. <http://www/mnkjournals.com/uj/rst.htm> ISSN (online) 2278-5297
- (2). Malaria prevalence and analysis of socio demographic factors related to malarias in agency mandals, East Godavari District, Andhra Pradesh, India – M. Hanumantha Raju et. al. Issue (online) 2320-4257 [www.biolifejournal.com](http://www.biolifejournal.com) Biolife/2015/Vol.3/issue2 [www.globalsciencepg.org](http://www.globalsciencepg.org) p.404-414
- (3). మన పవిత్ర నదులు అను పుస్తకములో “జీవనదులు” **ISBN No: 93-85132 -10-0** Page: 103-107- Published by Vaagdevi publishers, Tilak Nagar, Nallakunta, Hyderabad (02.09.16).
- (4). A study on Nanotechnology and its application in various fields” – M.Hanumantha Raju and by Hanumantha Rao (lecturer in chemistry, A.L College VJA) in Indian journal of Research in pharmacy and Biotechnology. Issn: 2321 – 5674 (print); 2320-3471 (online) Nov-December 2016 p-274.
- (5). A study on Human Rights India by M. Hanumantha Raju in International Journal of Academic Research ISSN: 2348-7666; Vol.3 issue-10(4), October, 2016.
- (6). “Importance of Environmental Awareness and Protection for primary and higher school children” – A two days National Seminar held at D.K.W. College, at Nellore from 4<sup>th</sup> & 5<sup>th</sup> November, 2016.
- (7). A study on waste water treatment and its safe disposal – M. Hanumantha Raju- Proceedings of two days National Seminar on Microbial Technologies for sustainable environment – 24<sup>th</sup> & 25<sup>th</sup> January 2017 organised by Department of Microbiology, Government College for Women, Guntur.
- (8). A study on organic Waste Management with reference to vermicomposting – M.Hanumantharaju. International Journal of Ecology and Environmental Sciences. Online ISSN:2644-7133 : print 2664-7125. I.F: RJIF 5.28 Vol.2; issue 4:2020 P.No. 491-493.

- (9) A study on Air Quality Index (AQI) – Inter.3. of Eco and Envi. Sciences online ISSN:2644-7133 Print 2644-7125.  
If: RJIF 5.28 Vol :3, issue-1:2021, p-239-242
- (10) On the analysis of certain biochemical parameters of carps cultured in domestic sewage oxidation ponds S.A. Ali, N.Parveen & M.H.Raju - Bio.Science. Bio Technology. Research communication. 2020; 13(4) Available from: <https://bit.ly/30dllr> ><https://bit.ly/30dblyr> >ISSN Print- 0974-6455: E.ISSN-2321-4007. I.F. 5.09.
- (11) A Study on Eco tourism” – Seminar Proceedings (online) conducted by P.G. Dept of Zoology, Kavali, Nellore (District) A.P., in June 2021. ISBN-971-93-91303-06-8.
- (12) Seasonal analysis of certain biochemical parameters of carps cultured in domestic sewage oxidation ponds – S.A. Ali, M.H.Raju & N.Parveen – J. of Applied Biology & Biotech. Vol 9(05) pp 148.151, September, 2021, available online at <http://www.jabonline.in>
- (13) Seasonal species diversity and dominance of phytoplankton in different types of tropical domestic sewage oxidation ponds – S.A.Ali, M.H.Raju & G.Kassab – Eco.Env. & Cons. 29 (January Suppli, Issue): 2023: pp. (S356-S363) copy right @ EM International ISSN 0971-765x.
- (14) A study on sustainable development with special reference to prosperity & safe life for future generations – Seminar proceedings of conference conducted by Raj Rishi, Govt. Autonomous college, Alwar, Rajasthan, India. Under the auspices of RUSA-2.0 organised by RR Government college, Alwar from 12<sup>th</sup> – 14<sup>th</sup> August 2022.
- (15) Role of science and Technology in environmental conservation by M.Hanumantha Raju – at International conference on Multidisciplinary aspects of Human Rights and the Environment – organized by Govt. Maharani Sudarshan College for Women, Bikaner, Rajasthan & R.R. Govt. Auto. College, Alwar, Rajasthan (2023).
- (16) A study and Survey on infectious diseases and their impact on the society. In a UGC sponsored Two Day National Seminar on “Immunology, Aquatic Toxicology and Biodiversity” held by Dept. of Zoology & Aquaculture, Acharya Nagarjuna University, Guntur from 9<sup>th</sup> – 10<sup>th</sup> February, 2023.
- (17) A study on Urban Waste Management for environment sustainability in a ICSSR Sponsored Two Day National Conference on pollution control and Sustainable Environment (NCPCE-2023) organized by Department of Chemistry, Govt. College for Men (A) Kadapa, A.P.

### **Seminars / Conferences (attended & papers presented) :**

1. "Impact of *P.falcifarum* hyperparasitemia on serum glucose in C<sub>57</sub>BL/6J mice" - Anthropogenic Impact on Environment & Conservation strategy; a National Seminar conducted by Department of Zoology, Ranchi University & St. Xavier's College, Ranchi, Jharkhand; Nov 2-4,2012.
2. "A study on prevalence of malaria in different mandals of East Godavari District", at "Andhra Pradesh Science Congress" conducted by Acharya Nagarjuna University, Nov 14-16, 2012.
3. "Immunological Boosters"- a National Seminar" on "Nutrition & Immunity" conducted by Govt. Degree College, Naidupet, Nellore District from 18-19, July 2014.
4. "A study on prevalence of Age-wise and sex wise malaria in five agency mandals of East Godavari District, Andhra Pradesh" – a National Seminar on "Applied Immunology" at Pingle Govt. College for Women, Warangal from 19-20, September, 2014.
5. "A study of prevalence of malaria" - a National Seminar on Impact of Toxic metals leading to Environmental Pollution at Govt. College for Women (A), Guntur from 17-18, October, 2014.
6. A study on prevalence of Malaria in different mandals of East Godavari District, A.P. India; volume 3, issue 6, Nov-Dec-2014, International Journal of Latest in Science & Technology (Full paper).
7. "A comparative study of Bio-fertilizers and its importance for Eco-friendly life systems"- a National Seminar on "Impacts of Chemical Fertilizers & use of Bio-Fertilizers for Environmental Protection" at S.N. College, Narasaraopet from 11-12, December 2014.
8. "Age-related muscular, skeletal, physical, hormonal changes and its regulation" – a National Seminar on "Molecular and Genetic basis neurological Disorders"; at Govt. Degree College, Sullurupet, Nellore District from 19-20, December 2014.
9. "Studies on certain culture aspects of carps cultivated in sewage oxidation pond or waste water effluents in Urban areas"- a National Seminar on "Sustainability & Management of aquatic Eco-systems in Semiarid areas – at Govt. Degree College, Anantapur from 7-8, January, 2015.

10. “Animal Diversity in Mangrove Eco-system” – a National Seminar on Mangrove Eco-systems of Andhra Pradesh, conducted by P.R. Govt. College, (A), Kakinada from 8-9, January, 2015.
11. “A study of adverse impact of mining towards Environment” – a National Seminar on Impact of Mining on Cropping Pattern & Environment at G.D.C. Rajampeta, Cudappah, from 6-7 March, 2015.
12. Malaria prevalence and analysis of socio demographic factors related to malaria in agency mandals, East Godavari, A.P. India, 3(2): 404-414 – Biolife (full paper).
13. “Importance of Academic competence in teacher and student for Global Education” – A National Seminar conducted by J.M.J. College for women (A) Tenali from Aug 12-13, 2015.
14. “Studies of on certain threats and conservations of Aquatic Biodiversity” – A National Seminar conducted by Sri Velagapudi Ramakrishna Memorial College, Nagaram from Aug 26-27, 2015.
15. “Some studies on climate adaptations through Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS)” –A National Seminar conducted by G.D.C. (P.G), Nagari, Chittor (district) from October 30-31, 2015.
16. “A study on violation of child Rights” – A National seminar conducted by St. Joseph’s College for women, Guntur from Nov. 25-26, 2015.
17. “Studies on certain Biotechnological aspects for food and feed Production” – A 3day International Seminar conducted by K.L. University, Guntur from December 14-16, 2015.
18. “Green Chemistry as a concept to Eco-friendly environment & good health” - A National Seminar conducted by V.S.R. & N.V.R. College, Tenali on January 23<sup>rd</sup>, 2016.
19. Importance of ground water & effects of its depletion – A national Seminar conducted by K.R.R. Govt. Arts & Science College, Kodada, Nalgonda District from Feb. 10-11, 2016.
20. Anthropogenic activities and emergence of diseases to man & animals M.Hanumantha Raju & Sri. U. Venkateswarlu” – A National Seminar conducted by G.D.C. Yemniganur, Kurnool District from Feb 23, 24, 2016.

21. “A study on child and women trafficking in India and its neighbouring countries”- “A 2 Days National Seminar on Human trafficking in Asian countries” held at Government College (A), Ananthapuram from 10-12-August, 2016.
22. “A study on Human Rights in India” – A 2 Days National Seminar on Human Rights Education: Perspectives and prospects; at SVKP Arts science college, Penugonda, W.G. District from 20-21-August,2016.
23. “A study on Nanotechnology and its application in various fields- A 2 Days National Seminar on “Advances in the synthesis of Nanomaterials and their multi dimensional applications in chemical and Biosciences held at Andhra Loyola College (A) Vizayawada from 14-15 September 2016.
24. “Natural Resource management” – A National Seminar on Environmental protection and sustainable development issues and challenges held at Sir C.R Reddy College from 22-23<sup>rd</sup> September, 2016.
25. “Role of Health, sanitation and hygiene conditions in child development- A Two Day National Seminar on “Role of Education in Human Development” held at D.K Government College for women (A) Nellore from 4-5 November, 2016.
26. Participated in a 2 Days Seminar on “Recent Research Development in Higher Education” held at A.C. College, Guntur from 6-7 December, 2016.
27. “A New Frontiers in Cancer Biology” – A 2 Days National Seminar on “Cancer biology” held at Silver Jubilee Government college (A) Kurnool from 9-10 December, 2016.
28. The role of ICT and Its tools for improvement of Quality Education in Developing India -A 2 Days National Seminar on “Improving the Quality of Education by Effective use of ICT held at 20-21<sup>st</sup> December, 2016.
29. “Hunger free and food secured India in future” – A 2 Days National Seminar on “Zero Hunger challenges – for Hunger free India” held at G.C.W.(A), Guntur from 5 & 6 January, 2017.
30. “A Study on Waste water treatment and it’s safe disposal” – A 2 Days National Seminar on “Microbial Technologies for sustainable Environment” held at G.C.W.(A), Guntur from 24 & 25 January, 2017.
31. Attended a 2 Days National Seminar on “Bioethics for new millennium” at DKW College, Nellore from 15-16 September, 2017 and presented a paper

“A study on Bioethics and its’ relation to various medical & biological aspects (Abstract).

32. Attended a 2 Days National Seminar on “Women in Contemporary Social Realm” New Predicament and Emerging Strategies” conducted by Dept. of Sociology and Social Work, Acharya Nagarjuna University, Guntur from 27<sup>th</sup> 28<sup>th</sup> February, 2019 and presented a paper, “A comparative study on Women status from Vedic to Independent period” .
33. Attended a 2 Days UGC sponsored National Seminar on “Social, Ethical & cultural values as depicted in Drama” at Y.N. College, (A), Narasapur on 13<sup>th</sup> & 14<sup>th</sup> Dec. 2019 & presented a paper on “Adhunika Natakam Pye Okha Pariseelana”.
34. Attended a 2 Days UGC sponsored International Seminar on “Exploring and Advancing Health care through Novel strategies in Pharmacy Practice” held at Nirmala College of Pharmacy, Guntur on 17<sup>th</sup> & 18<sup>th</sup> Dec 2019 and presented a Paper on “A study on Pharma Practice and the Role of Pharmacist in the present Scenario.
35. Attended a 2 Days UGC sponsored National Seminar on “Eco Friendly Technologies for sustainable waste Management” at ANU, Guntur on 7<sup>th</sup> & 8<sup>th</sup> February, 2020 and presented a paper on “A study on Urban sustainability”.
36. Attended a 3 Days International Conference (online on Multidisciplinary approach towards sustainable development and climate change for a viable future organized by Raj Rishi Govt. Autonomous College, Alwar, Rajasthan, India under (RUSA 2.0) from 12-14 August, 2022.
37. Attended a 3 Days International Conference (online) on “Multidisciplinary aspects of Human Rights and the Environment” organized by Raj Rishi Govt. Autonomous College, Alwar, India, from 18-20 January, 2023.
38. Attended a 2 Days National UGC Sponsored seminar on “Immunology, Aquatic, Toxicology and biodiversity, organized by Dept. of Zoology, Acharya Nagarjuna University, Guntur from 9<sup>th</sup> - 10<sup>th</sup> February 2023 (presented a paper)
39. Attended a 2 Days National Seminar on “Pollution Control and Sustainable Environment organized by Govt. College for Men (A), Kadapa, A.P. from 24<sup>th</sup> – 25<sup>th</sup> Feb 2023 and presented a paper.
40. Attended a 2 Days Seminar on “Outcome based education” conducted by IQAC, Govt. College for Women, Guntur, May-2023.

### **Faculty Development Programmes (Orientation & Refresher courses)**

1. Attended an UGC sponsored Orientation Course at JNTU, Hyderabad from 5-9-2011 to 1-10-2011 at Academic staff college, JNTU, Hyderabad (4 weeks course).
2. Attended a Inter Disciplinary Refresher Course in Life Sciences at UGC-Academic Staff College at Andhra University, Visakhapatnam from 5-6-2012 to 25-6-2012 (3 weeks course).
3. Attended a Refresher Course in Life Sciences held at UGC-HRDC, Andhra University, Visakhapatnam from 18-9-2019 to 1-10-2019. (2 weeks course)
4. Attended one week UGC sponsored workshop on “Teaching and Learning for sustainability” at VSR & NVR College, Tenali, Guntur District, Andhra Pradesh from 14-11-2019 to 20-11-2019. (7 days course)
5. Attended one week UGC sponsored short term course on “Gender Sensitization” at HRDC, JNTU, Hyderabad from 3-2-2020 to 8-2-2020.
6. 5 days Int. Short Term Training Programme-2 on Impact and Panacea of Envi. Pollution: The past, present and future. Organised by R.R. Government Aut.college from 20<sup>th</sup> – 26<sup>th</sup> April, 2022.
7. Attended 5 days F.D.P. programme on climate change for a viable future (ICMSDC-2022) from 13<sup>th</sup> – 14<sup>th</sup> August, 2022 under the auspicious of RUSA-2.0 by R.R. Govt. Auto.Collge, Alwar, India.
8. Attended 5 days Inter. Short Term Training programme on “Production and Regulation of chemicals and toxins for Envorn. Conservation” organized by R.R. Govt. Auto.College from 7<sup>th</sup> – 13<sup>th</sup> December 2022.

### **Workshops attended:**

1. Participated in Two-day National Workshop on Instrumentation & hands on training in advanced biological techniques from 7-8<sup>th</sup> December 2015 at Andhra Loyola College (A), Vijayawada.
2. Participated in “One day workshop on Internet of things and its applications” held at Y.A Government degree college, Chirala, Prakasam District from 30<sup>th</sup> September, 2016.
3. Attended a Two days workshop on ‘Techniques of Molecular biology at Government Degree College for Women, Guntur from 23-24, August, 2017.



4. Attended a workshop on Teachers training on RBPT (Research based Pedagogical training tools) held at Pt. Ravisankar Sukla University, Raipur from 6-9 October, 2017.
5. Attended a District Level workshop on 'Subject clusters' in Government College for Women, Guntur on 02.11.2017.
6. Attended a one day workshop on "Assemble and usage of Fold scope" conducted by Departmental Zoology, Govt. College for Women, Guntur on 13.07.2018.
7. Attended as Team Manager and taking the students to ANU Yuvatharangam competitions for two days from 15.09.2018 to 16.09.2018.
8. Attended one day workshop on Cluster group for final year students on 01.10.2018, conducted by Department of Zoology, Govt. College for Women, Guntur.
9. Attended a 2 Days workshop on "CUBE" workshop conducted by Tata Institute of Fundamental Research, Bombay from 2 & 3<sup>rd</sup> February, 2019 at Govt. College for Women, Guntur.

**Guest Lectures delivered by me:**

1. Guest Lecture (under District Resource Centre, Guntur) at Government Degree College, Vinukonda, Guntur District on the "Animal Physiology" to B.Sc III year students on 07.01.2015.
2. Guest Lecture, P.G. Department of Zoology, Andhra Christian College, Guntur on the study of Limnology to 1<sup>st</sup> year M.Sc Students on 16-09-2015.
3. Guest Lecture (under District Resource Centre, Guntur) at Government Degree College, Bapatla, Guntur District on the "Animal Diversity" to B.Sc 1<sup>st</sup> year students on 08.01.2016.
4. Guest Lecture under Education Extension Programme at Z.P. High School, Nallapadu, Guntur District on "the importance of Biology and its prospects" to 10<sup>th</sup> class students on 20.01.2016.
5. Guest Lecture at Government Degree College (Men) Ananthapuram, Ananthapuram District on the Animal Diversity, Invertebrates and vertebrates to B.Sc 1<sup>st</sup> year students on 10.08.2016.

6. Guest Lecture at Government Degree College, Vinukonda, Guntur District on the Animal Diversity, Invertebrates and vertebrates to B.Sc 1<sup>st</sup> year students on 29.09.2018.
7. Attended and taken classes on Faculty Exchange Programme at Govt. Degree College, Chebrole, Guntur District for 1<sup>st</sup> & 2<sup>nd</sup> Sem B.Zc. students (for a week)

**Extra Responsibilities/ Honours:**

1. Nominated as Certificate verification Officer by the Convener, EMCET Verification Co-ordinator, Government College for Women, Guntur.
2. Nominated as B.O.S member (Zoology) for J.M.J. College (Autonomous) Tenali for the year 2016 & 2018 (for 4 years).
3. Conducting Certificate Courses on Vermiculture; Organic composting & Management for 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> year college students from the year 2019 to till the date.
4. Guiding the PG Zoology students for their project work, at the end of their year from the year 2020.

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