

## CURRICULUM VITAE



**Name** : Dr. Mekala Vijaya Kumar  
**Date of Birth** : 02-04-1978  
**Present position** : Lecturer in Zoology.  
**Present Working Address** : Dr. M. Vijaya Kumar, M.Sc., B.Ed., Ph.D.  
Assistant Professor  
Department of Zoology,  
YVNR Government Degree College,  
Kaikaluru -521333,  
Eluru District.  
Andhra Pradesh  
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**Administrative Duties** : 1. Assistant Controller of Examinations 1-11-2019 to 31-01-2020  
2. Controller of Examinations w.e.f 01-02-2020 to 30-04-2022  
3. NSS Program officer-2023-24

### **Educational qualifications:**

S.No	Degree/class	Year of pass	Institution studied	Board/university	Division	% of marks
1	10 <sup>th</sup>	1995 March	N.St.Mathews Public School	CBSE	First	68.8
2	Intermediate <b>Bi.P.C</b>	1997 May	Andhra Loyola College	Board of Intermediate Andhra Pradesh	First	67.0
3	B.Sc <b>B.Z.C</b>	2000 April	Andhra Loyola College	Acharya Nagarjuna University	First	70.94
4	M.Sc <b>Zoology (Physiology)</b>	2002 August	Andhra university Campus	Andhra University	First	65.37
5	B.Ed <b>Biological Science</b>	2003 December	Siddhartha College of Education	Acharya Nagarjuna University	First	70.25
6	Ph.D <b>Zoology (Aquatic Toxicology)</b>	2011 17/10/2011	Acharya Nagarjuna University	Acharya Nagarjuna University	_____	_____

**Fellowship received:**

Name of the fellowship	Duration	Organisation
Junior Research Fellowship (JRF)	2003-2005	UGC New Delhi
Senior Research Fellowship (SRF)	2005-2008	UGC New Delhi

**CSIR UGC NET Examination** : Qualified in CSIR-UGC NET examination  
 For JRF and lectureship in June 2002.  
 Awarded Certificate dated: 16/12/2002.  
 Roll No: 300386

**Ph.D Awarded From** : Acharya Nagarjuna University. Dept of Zoology

**Date of Award** : 17/10/2011

**Ph.D Specialization** : Aquatic Toxicology & Physiology

**Topic in Ph.D:**

**“MIXED TOXICITY OF THREE ORGANOPHOSPHORUS PESTICIDES (QUINALPHOS, MALATHION, MONOCROTOPHOS) AND STUDIES ON EFFECTS OF QUINALPHOS ON FRESHWATER FISH *CHANNA PUNCTATUS*”.**

**Teaching Experience:**

Name of the Institution	From	To	Level
Rajiv Gandhi Universities of Knowledge Technologies A.P.IIT Nuzvid (Contract Lecturer)	1/11/2010	23/12/2011	PUC B.Tech Biosciences
Sri ASNM Government Degree College (Autonomous), Palakol-534260, West Godavari District, Andhra Pradesh	24/12/2011	27/05/2017	B.Sc Zoology Aquaculture
SRR & CVR Government Degree College (Autonomous) Machavaram, Vijayawada-520004, Krishna District Andhra Pradesh	28/05/2017	27/07/2023	B.Sc Zoology Aquaculture
YVNR Government Degree College, Kaikaluru-521333 Eluru District, Andhra Pradesh	02/08/2023	Till date	B.Sc Zoology Aquaculture

**Research experience** : 2 years as JRF  
 : 3 years as SRF  
 : Minor Research Project-2 Years

**Teaching experience** : 14 years

**Technical Qualification** : Diploma in Medical Lab Technology

- **RESEARCH PROJECT** : **Minor Research Project:** (Completed )  
**Funding Agency** : UGC-MRP-4528/14 (MRP/UGC-SERO)  
**Grant Allotted** : Rs 334800/-  
: (Rupees Three Lakhs Thirty Four Thousand Eight Hundred only)  
**Duration of the Project** : 2 year (2014-15 & 2015-16)  
**Title of the Project:** Characterization of Haematological indices in freshwater fish cultured in West Godavari district of Andhra Pradesh
- **ONGOING RESEARCH PROJECT: RUSA 2.0- ANU Project**  
**Funding Agency** : **RUSA**  
**Grant Allotted** : Rs 5,00,000/-  
: (Rupees Five Lakhs only)  
**Duration of the Project** : 2 year (2024-2026)

**Title of the Project:**

Reckoning of heavy metals defilement and human health risk assessment from consumption of fish species collected from in and around Eluru region.

- **NATIONAL SEMINAR Organized:**

*Title of the seminar:*

**“STRATEGIES TOWARDS ACTUALISING THE CONCEPT OF SUSTAINABLE ENVIRONMENT”**

*Funding Agency :* U.G.C.

*Place:* Sri A.S.N.M. Government College (A), Palakol

*Date:* 17<sup>th</sup> & 18<sup>th</sup> March, 2017.

- **NATIONAL WORKSHOP Organized:**

*Title of the Workshop:* **“FOLDSCOPE- ASSEMBLY & USAGE”**

*Funding Agency:* U.G.C.

*Place:* SRR & CVR Government Degree College (A), Vijayawada.

*Date:* 4<sup>th</sup> October 2018.

- **ORIENTATION COURSE:**

Orientation Course at Andhra University from 25-02-2014 to 24-03-2014 with Grade ‘A’

- **REFRESHER COURSE:**

1. Refresher Course in Life Sciences at University of Hyderabad from 29-11-2012 to 19-12-2012 with Grade ‘A’
2. Refresher course in Life Sciences at Human Resource Development Centre in Sri Venkateswara University Tirupati from 9-12-2019 to 21-12-2019 with Grade ‘A’
3. Refresher course in Inter Disciplinary Refresher Course in Environmental Sciences at UGC -Human Resource Development Centre in Andhra University from 09-06-2022 to 22-06-2022.

- **SHORT TERM COURSE:**
  1. Participated in Ministry of Electronics and Information Technology , (Meity) Govt. of India, Sponsored **One Week Orientation Workshop** from 26<sup>th</sup> October to 31<sup>st</sup> October 2018 on “**OER,CONTENT DEVELOPMENT ,MOOCS AND MOODLE**” Organized by the E & ICT Academy , NIT Warangal, Commissionerate of Collegiate Education and AP State Council of Higher Education
  2. Participated in **7 days Faculty Development Programme** on “**Recent trends in teaching learning methodologies using ICT in higher education institutions**” organised by IQAC of SIR C.R Reddy College, Eluru from 24<sup>th</sup> to 30<sup>th</sup> October 2019.
  3. Completed Online **One Week Faculty Development Programme** on “**Optimising ICT Tools for Higher Education**” held from 18<sup>th</sup> to 26<sup>th</sup> June 2021 with Grade A+ , conducted by Teaching Learning Centre, Ramanujan College, University of Delhi.
  
- **MOOCs Course:** Completed SWAYAM ONLINE COURSE with 4 credits in Solid and Hazardous Waste Management offered by Prof.V.K.Garg, Centre for Environmental Science and Technology, Central University of Punjab, Bathinda, Punjab. Proctored examination held on 10-11-2019 for session July- October 2019 with 76 marks out of 100.
- **SWAYAM ARPIT ONLINE COURSE:**  
**Course name:** Climate Change: A Guide For Teachers Of All Disciplines  
**Course Code:** arp20-ap06  
**Duration& Result:** From 1<sup>st</sup> Dec to 31<sup>st</sup> March 2021 with a Grade “C” in the proctored examination held on 21/08/2021, Internal Assessment 17/30, Final Examination 46/70, Total Marks 63/100.
  
- **Selection committee member-**Subject Expert in Zoology-for filling aided post in zoology-backlog post on 09-02-2018.
- **Mana TV Lesson for LMS:** Presented Mana TV Live/Recorded program on topic “**Fish feed and feeding methods**” in Aquaculture subject on 28/08/2019.
- **BLOOD DONATION CAMP Organized:**  
27-09-2014 at Sri A.S.N.M Government College conducted by Indian Red Cross Society, ELURU.  
19-12-2023 at YVNR Government Degree College Conducted by Gudivada Area Hospital.
  
- **BOS - BOARD OF STUDIES MEMBER:** Department of Zoology
  1. Board of studies Member as subject expert in Sri Y.N.College (Autonomous) Narsapur, West Godavari, A.P (2013 & 2014)
  2. Chairman Board of Studies, Department of Zoology Sri A.S.N.M.Govt College(A), Palakol (2015-16 and 2016-17)
  3. Board of studies Member as subject expert in K.G.R.L College (Autonomous), Bhimavaram.(2016-17 and 2017-18)
  4. Board of studies Member as subject expert in D.N.R College (Autonomous), Bhimavaram.(2016-17, 2017-18, 2018-19)
  5. Board of studies Member as subject expert in Department of Biology, Rajiv Gandhi University of Knowledge Technologies, IIIT, Nuzvid. (2017-18).
  6. Board of studies Member as subject expert in Department of Zoology, KBN College (A),Vijayawada.(2017-18).
  7. Board of studies Member as subject expert in Department of Zoology, Andhra Loyola College (A), Vijayawada.(2019-20 & 2020-21).

8. Board of studies Member as subject expert in Department of Zoology, JKC College (Autonomous) Guntur. (2020-21).
9. Board of studies Member as subject expert in Department of Zoology, Andhra Loyola College (A), Vijayawada. (04-01-2022).
10. Board of studies Member as subject expert in Department of Zoology, A.G & S.G. Siddhartha Degree College of Arts & Science (Autonomous) Vuyyuru. (01-04-2022).
11. Board of studies Member as subject expert in Department of Zoology, A.G & S.G. Siddhartha Degree College of Arts & Science (Autonomous) Vuyyuru. (21-10-2022).
12. Board of studies Member as subject expert in Department of Zoology, Sri ASNM Government Degree College (A)Palakol. (18-08-2022)
13. Board of studies Member as subject expert in Department of Zoology, JKC College (Autonomous) Guntur. (21-02-2022) .
14. Board of studies Member as subject expert in Department of Zoology, JKC College (Autonomous) Guntur. (23-09-2022).

### **TRAINING PROGRAMMES:6**

1. Hands-on Training Programme on Diagnostic Techniques in Aquatic Animal Health Management organised by Department of Aquatic Animal Health Management, College of Fisheries Sciences (CFSc) Sri Venkateswara University Muthukur from 13<sup>th</sup> to 15<sup>th</sup> May 2019.
2. Faculty development programme: Three day Residential training program on *MAN ANIMAL CONFLICT* at APHRD, Bapatla, Guntur from 09.07.2018 to 11.07.2018
3. Faculty development programme: *on New Market Oriented Courses at UG Level* at APHRD, Bapatla, Guntur from 09.08.2017 to 11.08.2017.
4. Induction Training Program conducted for the newly recruited Govt.Degree College lecturers at the DRC Government College (A), Rajahmundry from 26-12-2011 to 31-12-2011.
5. Training programme in Third All In-dia Summer Research Training Programme On Molecular Techniques Sengunthar Arts & Science College Tiruchengode, Tamilnadu, May 16<sup>th</sup> to 30<sup>th</sup>, 2005.
6. Training programme in State Institute of Fisheries Technology (SIFT) Kakinada, A.P, Feb 21<sup>st</sup> - 27<sup>th</sup>, 2005.

### **WORKSHOP:11**

1. UGC Sponsored State Level Work Shop on “25 YEARS OF AUTONOMY; ISSUES, ACHIEVEMENTS AND CHALLENGES” 23<sup>rd</sup> February 2013.
2. Two day regional workshop on CBCS Choose Based Credit System, at Sri D.N.R Government College for Women on 3<sup>rd</sup> & 4<sup>th</sup> September 2015.
3. A two day workshop on Geospatial Technology for Academia on 2<sup>nd</sup> and 3<sup>rd</sup> February 2016 organized by department of Botany in collaboration with International Institute of Information Technology ,Hyderabad.
4. One day workshop on “Increasing Enrollment and Geo- tagging through Bhuvan RUSA APP” on 13<sup>th</sup> May 2016, at P.B. Siddhartha College of Arts & Science, Vijayawada.
5. Two day hands on Training cum Workshop on Computational Biology, organized by Department of Zoology, Andhra Loyola College (Autonomous) Vijayawada, on 23<sup>rd</sup> and 24<sup>th</sup> January 2017.
6. A one day state level workshop on ecological data collection and analysis at Maris Stella college(A),Vijayawada-520008
7. The **STEM Teacher Training Workshop on Research Based Pedagogical Tools (RBPTS)** from 11<sup>th</sup> October to 14<sup>th</sup> October, 2017 at Sacred Heart College, Kochi, **Kerala**. Organized by DBT, Govt of India, Newton Bhabha Fund of the British Council, IISER Pune.

8. One day state level workshop on cluster electives of CBCS through Virtual Class Rooms at SRR & CVR Government Degree College (A) Vijayawada on 6/12/2017.
9. Participated in UGC sponsored one day National workshop on overview of intellectual property rights and patent law organised by IPRC, Departments of zoology, computer science and IQAC Sri Durga Malleswara Siddhartha Mahila kalasala on 11<sup>th</sup> December 2018.
10. TWO DAY National workshop on “**Value added fish products**” organized by department of zoology at PB Siddhartha College of Arts and Science Vijayawada on 21<sup>st</sup> and 22<sup>nd</sup> December 2018.
11. Workshop on **Modern Analytical Techniques New Frontiers of Drugs and Drug Carriers** held at SIR CR Reddy College of Pharmaceutical Sciences for 1<sup>st</sup> and 2<sup>nd</sup> February 2019.

### **Papers Presented/Participated in International/National Seminars/Conferences: 33**

1. Presented a paper entitled “Evaluation of Flubendiamides toxicity on Indian major craps *Labeo rohita*, *Catla catla* and *Cirrhinus mrigala* in International Conference on Advances in Biosciences and Technology: Impact on Plant, Animal and Human Health (ICABT-2019) and workshop for bioinformatics in human health from 24<sup>th</sup> to 26<sup>th</sup> December 2019.
2. Participated in A ONE-DAY SEMINAR ON PLANT AND PEOPLE TOWARDS JOURNEY organized by Department of Botany, Andhra Loyola College, Vijayawada on 4<sup>th</sup> February 2019.
3. Presented a paper in National seminar on RECENT TRENDS IN APPLIED BIOLOGY 16<sup>th</sup> and 17<sup>th</sup> August 2018 “TOXICITY AND BEHAVIOUAL STUDIES ON THE EARTHWORM organized by School of Life and Health Sciences, University college of sciences & technology ADIKAVI NANNAYA UNIVERSITY , Rajamahendravaram, E.G.Dist, A.P
4. Presented a paper in UGC sponsored Two day NATIONAL SEMINAR on RECENT TRENDS IN CHEMISTRY AND PHYSICS OF MATERIALS ON 15<sup>th</sup> & 16<sup>th</sup> September, 2017 “**Prospectives of nanotechnology in aquaculture in India**”organized by Department of chemistry, SRR & CVR Govt. Degree College(A) Vijayawada.
5. Presented a Paper in Two Day National Seminar on “Strategies towards actualizing the concept of sustainable environment” 17<sup>th</sup> and 18<sup>th</sup> March 2017 organized by Department of Zoology at Sri A.S.N.M. Government college (Autonomous) Palakol. A.P. “**Toxicity and behavioral changes in the freshwater fish exposed to phenol.**”
6. Participated in Two day National Seminar on Advances in the synthesis of Nano materials and their multi dimensional applications in chemical & bio sciences conducted by Department of chemistry Andhra Loyola College(Autonomous), Vijayawada on 14<sup>th</sup> and 15<sup>th</sup> September, 2016.
7. Participated in State Level Seminar on QUALITY ENHANCEMENT IN GOVT.DEGREE COLLEGES-ROLE OF TEACHERS on 10<sup>th</sup> October, 2015 organized by GCGTA,A.P at Andhra University .
8. Presented a paper in UGC sponsored National Seminar on “RECENT TRENDS AND PRACTICES IN ORNAMENTAL FISHERY WITH SPECIAL EMPHASIS ON PROMOTION OF WOMEN ENTREPRENEURSHIP IN AQUARICULTURE” 22<sup>nd</sup> to 24<sup>th</sup> January 2015.”**Scope of ornamental fish farming and role of women in west Godavari region of Andhra Pradesh**” conducted by Department of Zoology Andhra Loyola College(Autonomous), Vijayawada.
9. Presented a paper in INTERNATIONAL CONFERENCE on “GENOMICS & STEMCELLS” 6<sup>th</sup> & 7<sup>th</sup> January 2015. “**Transgenic fish production –A**

- Review**”organized by Department of zoology, botany & Chemistry at KBN College(A), Vijayawada.
10. Presented a paper in A STATE LEVEL SEMINAR ON FUTURESTIC APPROACHES IN LIFE SCIENCES & CHEMISTRY 19<sup>TH</sup> December 2015 organized by Dr.C.S.N. Degree & P.G. College, Bhimavaram.
  11. Presented a paper in National Seminar on HUMAN RIGHTS IN INDIA – CONTEMPORARY TRENDS on 10<sup>th</sup> & 11<sup>th</sup> December 2014.” **Human rights are funtamentals to any respone for HIVS/AIDS**” organized by Department of Political Science in collaboration with center for Human Rights ,University of Hyderabad at Sri A.S.N.M. Government college (Autonomous) Palakol
  12. Presented a paper in National Seminar on RECENT TRENDS IN AQUACULTURE FOR SUSTAINABLE ENVIRONMENT 8<sup>th</sup> &9<sup>th</sup> September 2014,  
**“Electrophoretic studies of protein profile in the fish *channa punctatus* exposed to organophosphorus pesticide quinalphos”** organized by Department ogf Zoology at Ch.S.D.St.Theresas Autonomous college for women ,Eluru.
  13. Presented a paper in National Seminar on RECENT TRENDS IN AQUACULTURE FOR SUSTAINABLE ENVIRONMENT 22<sup>nd</sup> & 23<sup>rd</sup> November 2013.  
**“Effect of organophosphorus pesticide-quinalphos on blood glucose and serum proteins in the fish *Channa punctatus*”** organized by Department of Zoology at Ch.S.D.St.Theresas Autonomous college for women ,Eluru.
  14. Presented a paper in U.G.C SPONSORED ONE DAY STATE LEVEL SEMINAR ON RECENT TRENDS IN AQUACULTURE 13<sup>th</sup> February, 2013.  
**“Effect of quinalphos 25% EC on the fish *Channa punctatus*”** organized by Department of Zoology at D.R.Goenka Government Degree & P.G College,Tadepalligudem,W.G.Dt.
  15. Presented paper in INTERNATIONAL CONFERENCE –GLOBAL MEET OF BIOLOGISTS 26<sup>th</sup>–28<sup>th</sup> December 2012.  
**“Mixed toxicity of three different gropus of organophosphorus pesticides (Quinalphos, Malathion, Monocrotophos) on freshwater fish *Channa punctatus*.”** organized by Department of Zoology,Osmania University,Hyderabad, Division of Biology, Indian Institute of Chemical Technology, Hyderabad.
  16. Presented a paper in U.G.C Sponsored National Seminar on “Violence against Women –A Social Challenge” 8<sup>th</sup>&9<sup>th</sup> November, 2012.  
**“Educational Awareness in overcoming violence against women. ”** organized by Department of Political Science, Sri DNR Govt degree College for Women,Palakol.
  17. Presented a paper in U.G.C SPONSORED 2 DAY NATIONAL SEMINAR ON “CLIMATE CHANGE – IMPACT ON BIO-RESOURCES OF COASTAL AREAS” 1<sup>st</sup> & 2<sup>nd</sup> February, 2012.“**Alterations of LDH activity in the fish exposed to quinalphos as a indicator of change in environment**”organized by Department of Zoology and Biotechnology at P.R. Government College (A) Kakinada.
  18. Presented paper in “INTERNATIONAL CONFERENCE ON BIODIVERSITY & AQUATIC TOXICOLGY”. 12<sup>th</sup> -14<sup>th</sup> February, 2011.“**Effect of quinalphos on electrophoretic protein profile of different tissues in the fish *Channa punctatus*.”**organized by Department of Zoology and Aquaculture, Acharya Nagarjuna University.
  19. Presented paper in U.G.C & Ministry of Earth Sciences sponsored “NATIONAL SEMINAR ON AQUATIC TOXICOLOGY & BIODIVERSITY”. 18<sup>th</sup>-20<sup>th</sup> February, 2010.  
**“Haematological changes and morphological alterations of erythrocytes in freshwater fish *Channa punctatus* (Bloch) exposure to an organophosphorus pesticide, Quinalphos 25%EC.”** organized by Department of Zoology and Aquaculture, Acharya Nagarjuna University.

20. Participated in NATIONAL SEMINAR ON BIOTECH-FORAYS IN TO ENVIRONMENT (3<sup>rd</sup> - 4<sup>th</sup> January 2010). Organized by PG Departemnt of Life sciences, Andhra Loyola College (A) Vijayawada.
21. Presented a paper in U.G.C SPONSORED NATIONAL SEMINAR ON RECENT TRENDS IN AQUACULTURE. Jan 7<sup>th</sup> - 8<sup>th</sup>, 2010.  
**“Effect of Quinalphos 25%EC an organophosphorous pesticide on nucleic acids and proteins of the freshwater fish *channa punctatus*.”** organized by Department of Zoology, SRR & CVR Govt. Degree College(A) Vijayawada
22. Participated in NATIONAL SEMINAR ON INSIGHT INTO NANO MATERIALS (5<sup>th</sup> - 6<sup>th</sup> January 2010).
23. Participant in International Symposium on Emerging Trends in Biomedical and Nanobiotechnology: Relevance to Human Health. (19<sup>th</sup> -21<sup>st</sup> December, 2009) organized by Department of Biotechnology and Departemnt of Nanotechnology, Acharya Nagarjuna University.
24. Participated in NATIONAL SEMINAR ON RECENT ADVANCES IN VETERINARY AND FISHERIES SCIENCE AND BIODIVERSITY (12<sup>th</sup> -14<sup>th</sup> February, 2009). organized by Department of Zoology & Aquaculutre, Acharya Nagarjuna University.
25. Presented paper in NATIONAL SEMINAR ON EMERGING TRENDS IN BIOLOGY. 25<sup>th</sup> ANNUAL CONFERENCE OF INDIAN SOCIETY FOR COMPARATIVE ANIMAL PHYSIOLOGY (18<sup>th</sup> -20<sup>th</sup> October, 2008)  
**“Haematological changes and erythrocyte alterations of freshwater fish *Channa punctatus* (Bloch) after exposure to an organophosphorus pesticide ,Quinalphos 25%EC”** organized by Centre for Biotechnology & Department of Zoology and Aquaculture, Acharya Nagarjuna University.
26. Participant in 6<sup>TH</sup> INTERNATIONAL LARGE BRANCHIOPOD SYMPOSIUM. (16<sup>th</sup> -20<sup>th</sup> September, 2007). organized by Department of Zoology and Aquaculture, Acharya Nagarjuna University.
27. Presented a paper in NATIONAL SEMINAR ON RESPONSIBLE AQUACULTURE PRACTICES. Jan 23<sup>rd</sup> -24<sup>th</sup>, 2007. **“Chlorpyrifos Induced Respiratory Distress and the Architectural Changes In Gills Of Indian Major Carps *Labeo Rohita*. *Catla Catla* and *Cirrhinus Mrigala* (Hamilton)”** organized by Department of Aquaculture and Center for Aquaculture Research and Education, Acharya Nagarjuna University.
28. Attended UGC NATIONAL SEMINAR ON ADVANCES IN AQUATIC BIOLOGY Dec 20<sup>th</sup>-22<sup>nd</sup>, 2006 organized by Department of Zoology, Acharya Nagarjuna University.
29. Presented papers in NATIONAL SEMINAR ON ENVIRONMENTAL CHALLENGES AND STRATEGIES, July 4<sup>th</sup> -5<sup>th</sup> 2006. **“Histopathology of Gill and Liver in *Channa punctatus* exposed to an organophosphate insecticide Quinalphos 25%EC”** organized by Department of Environmental sciences, Acharya nagarjuna University
30. Presented a paper in NATIONAL SEMINAR ON AQUACULTURE BIOTECHNOLOGY, Dec 17<sup>th</sup>-18<sup>th</sup>, 2005.**“Influence of Quinalphos, An Organophosphate Pesticide, on the Biochemical Constituents of the Tissues of fish, *Channa punctatus*”** organized by Centre for Biotechnology & Department of Zoology, Acharya Nagarjuna. University
31. Presented a paper in UGC NATIONAL SEMINAR ON DEVELOPMENTS IN LIMNOLOGY, Nov 10<sup>th</sup>-12<sup>th</sup>, 2005. **“Toxicity and Biochemical Effects of Quinalphos Technical and 25% EC on fish *Channa punctatus*.”** organized by Department of Zoology, Acharya Nagarjuna University.
32. Participated in UGC sponsored NATIONAL SEMINAR ON BIODIVERSITY STUDIES ON ZOOPLANKTON. Mar 23<sup>rd</sup> -24<sup>th</sup>, 2005 organized by Department of Zoology and Aquaculture, Acharya Nagarjuna University.
33. Participated in SEMINAR ON SUSTAINABLE AND ECOFRIENDLY AQUACULTURE organized by Department of Zoology at V.S.R and N.V.R.C College, Tenali, AP, November 16<sup>th</sup> - 17<sup>th</sup>, 2005.



**PAPERS PUBLISHED /ACCEPTED/COMMUNICATED FOR PUBLICATION IN INTERNATIONAL/NATIONAL JOURNALS:26**

**International : 19**

- 1) SK. PARVEEN, K. VEERAIHAH, G. VANI, M.VIJAYA KUMAR AND CH. KRISHNA- Biochemical changes induced by flubendiamide (39.35% SC) in Freshwater fish, *Catla catla* (Hamilton, 1822) **Poll Res. 41 (2) : 586-597 (2022)** Copyright © EM International ISSN 0257-8050  
<https://www.envirobiotechjournals.com/PR/vol41issue2/Poll%20Res-28.pdf>
- 2) S.K. Parveen, K. Veeraiah, G. Vani and M. Vijaya Kumar- Acute toxicity and effect of Flubendiamide (39.35% SC) on the oxygen consumption of the Fish, *Catla catla* (Hamilton) **Eco. Env. & Cons. 27 (November Suppl. Issue) : 2021; pp. (S218-S225)** Copyright@ EM International ISSN 0971-765X  
<http://www.envirobiotechjournals.com/EEC/v27novSuppl2021/EEC-32.pdf>
- 3) G. Vani, K. Veeraiah, M. Vijaya Kumar, Sk. Parveen and G.D.V. Prasad Rao- Biochemical Changes Induced by Cartap Hydrochloride (50% SP), Carbamate Insecticide in Freshwater Fish *Cirrhinus mrigala* (Hamilton, 1822) **Nature Environment and Pollution Technology .Vol. 19, No. 5 (Suppl), 2020, pp. 1821-1829, e-ISSN: 2395-3454 .**  
<https://doi.org/10.46488/NEPT.2020.v19i05.005>  
[http://neptjournal.com/upload-images/\(5\)B-3664.pdf](http://neptjournal.com/upload-images/(5)B-3664.pdf) Scopus preview h-index=1
- 4) G. Vani, K. Veeraiah, M. Vijaya Kumar and S.K. Parveen- Effect of Cartap hydrochloride (50% SP) insecticide on gill histology of the fish, *Cirrhinus mrigala* (Hamilton) **Eco. Env. & Cons. 26 (August Suppl. Issue) : 2020; pp. (S127-S131) ISSN 0971-765X.** EM International <http://www.envirobiotechjournals.com/EEC/Vol26AugSuppl20/EEC-20.pdf>
- 5) G.Vani, K. Veeraiah, M.Vijaya Kumar and S.K. Parveen-Effect of Cartap Hydrochloride (50% SP) on oxygen consumption of fresh water fish, *Cirrhinus mrigala* (Hamilton) **Pollution Research 39 (2) : 368-372 (2020) ISSN 0257-8050.** EM International.  
<http://www.envirobiotechjournals.com/PR/v29i220/Poll%20Res-25.pdf>
- 6) M.Ramakrishna, M.VijayaKumar, G.Mathew Srirangam - Toxicity and behavioural studies on the Earthworm, *Lampito mauritii* (Kinberg) exposed to organophosphate insecticide monocrotophos. **International Journal of Research and Analytical Reviews (IJRAR)** January 2019, Volume 6, Issue 1 E-ISSN 2348-1269, P- ISSN 2349-5138, Impact Factor- 5.75, UGC Approved Journal no-43602.Publisher: International Journal of Research and Analytical Reviews. <https://www.ijrar.org/papers/IJRAR19J1833.pdf>
- 7) Swarna Kumari. R, Vijaya Kumar. M, Gopala Rao. N- Haematological changes induced in the fish *Ctenopharyngodon idella* (Valenciennes) exposed to organophosphate Dichlorvos both technical and 76% EC (Nuvan) **Journal of Innovations in Pharmaceutical and Biological Sciences (JIPBS)** Vol 5 (2), 58-63, 2018, ISSN: 2349-2759  
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