

## RESUME

**Dr. Karri Rama Rao**

**M.Sc (Zoo), M.Sc (Psy), M.Ed., Ph.D., PDF., PDF., D.Litt**

**Asst. Professor of Zoology**

**Dept. of Zoology**

**Dr. V. S. Krishna Govt. Degree College & PG College (A)**

**Visakhapatnam – 530013, Andhra Pradesh, India**

**Editor-in-Chief: International Journal of Zoology Studies**

**Ph: 91-9010705687**

**Ph: 91-7989217769**



**ANDHRA PRADESH STATE BEST TEACHER AWARDEE -2022**

**STATE BEST TEACHER AWARDEE (YUVATARANGAM 2017-18)**

**Honorary D. Litt Award from University of Asia (2018-19)**

**Ideal Teacher Award – Oct (Year of the Asst. Professor in Zoology) 2019-20**

**VD GOOD International Scientist Award 2020-2021**

**Mother Theresa Vidhya Bhushan & Seva Ratna National Award-2021**

**District Best Employ Award in Higher Education Category (15 Aug 2019)**

**American question and answer website (QUARA Edited and User)**

## RESEARCH IDs

**Web of Science Researcher ID: AFF-8414-2022**

**<https://www.webofscience.com/wos/author/record/AFF-8414-2022>**

**ORC ID: <https://orcid.org/0000-0001-5594-1711>**

**Google Scholar ID: [https://scholar.google.com/citations?user=eaGio\\_EAAAAJ&hl=en](https://scholar.google.com/citations?user=eaGio_EAAAAJ&hl=en)**

**ResearchGate ID: <https://www.researchgate.net/profile/Karri-Rama-Rao>**

**Academia. Edu ID: <https://independent.academia.edu/RamaRaoKarri>**

**Publons ID: <https://publons.com/researcher/1585279/dr-karri-rama-rao/publications/>**

**Linkedin ID: <https://www.linkedin.com/in/dr-karri-ramarao-4b8b4081/?originalSubdomain=in>**

**Vidwan: <https://vidwan.inflibnet.ac.in/profile/253884> 253884** Vidwan-ID : 253884

**AU TDR HUB RegistrationNo: TDR-HUB-2023G108**

**Reference Number : NC23647AED150E4FB**

**Excellence in Peer reviewing: 1. Academia. Edu**

**2. Utter Pradesh Journal of Zoology**

**3. Journal of Biology and Nature**

- B. Sc** : Distinction (Gold medal)
- M. Sc (Zoology)** : First Class
- M. Sc (Psychology)** : First Class
- B. Ed** : First Class
- M. Ed** : First Class
- Ph.D** (1997 awarded) : Studies on Feeding Behaviour, Oxygen Requirements and Growth of Larval and Adult *Penaeus monodon* (Fabrecious).
- D. Litt (Hon)** : University of Asia
- PDF (1997-2000)** : Larval development of Mud crab hatchery Technology (DBT)
- PDF (2000-2004)** : Larval development of Rock Lobster hatchery Technology( DST)
- INCODC Project (JRF)** : Sweden collaboration; Studies on Mangrove at east coast
- Project (Completed 2014)** : Principal Investigator. UGC Minor Research Project on dt: 2012- 2013 (26-3-2012) Studies on Food cycle, Faunal diversity and Fish production of Lower Manair Dam at Karimnagar Dt. A.P)
- Linkden Slideshare** : [https://www.slideshare.net/KarriRamarao/edit\\_my\\_uploads](https://www.slideshare.net/KarriRamarao/edit_my_uploads)
- Academia. Edu** : **E- content generator for student community**
- Best Research Award** : National seminar on Biodiversity at Telangana State-2016 at Nizamabad
- Rare species Identified** : 1. *Awacious gramipomus* is a rare species found at Lower Manair Dam (News covered in all TV channels and published international Journal- 2015)  
2. *Pterigoplicthiys paradalis* was identified at Telangana State at First time(News covered in all TV channels and published international Journal- 2016)
- MANA TV** : Presented Live Telecast Presentations through MANA TV  
1. Shrimp Culture 2016-17; CCE- Telangana State  
2. Freshwater Fish culture 2017-18; CCE – Telangana State
- \*Editor in Chief** : **International Journal of Zoology Studies**
- \*Associate Editor** : 1) International Journal of Fauna and Biological Studies  
2) International Journal of Fisheries and Aquatic Studies  
3) European Journal of Biotechnology and Bioscience  
4) International Journal of Life Sciences Scientific Research

- 5) Asia-pacific Journal of Fisheries and Aquatic Resources
- 6) European Journal of Pharmaceutical and Medical Research
- 7) International Journal of Medical laboratory Research (Reviewer)
- 8) International Journal of Zoology Research (VITP-IJZR)
- 9). International Journal of Cognitive Sciences (Editorial Board Member)
- 10). International Journal of Natural Science (VITP-IJNS)

**Board of Studies**

- : 1) Board of studies member, Govt. P G Fisheries, Degree College (A) Siddipeta, Telangana State  
2) Board of studies member, UG Zoology and fisheries, Dr. V S Govt. Degree College (A) Visakhapatnam, A. P  
3) Board of studies member, Dr. B. R Ambedkar University, Srikakulam, A. P

**National Webinar**

: **International Fisheries Day-2020** (Nov 21st)

**Administrative Responsibilities:**

1. IQAC Co-ordinator: 2016 - 2020
2. UGC Co-ordinator 2013 -2016
3. Student career council guidance
4. B. Voc (Aquaculture) course Co-ordinator 2021

**Research Publications (1997-2020):** International-55; National-10

**Mobile phone - online video lectures: 16**

**Google online video on Biodiversity: 57**

**Student Projects**

**: 62 Guided**

**RCs / OCs**

**Refresher course** at AU ASC-2019: UGC Sponsored Refresher course on Life Science refresher course at Andhra University from 18-09-2019 to 07-10-2019 (3weeks) and obtained **grade 'A'**.

**Refresher course** at AU ASC-2015: UGC Sponsored Refresher course on Interdisciplinary refresher course at Andhra University from 07-03-2015 to 27-03-2015 (3weeks) and obtained **grade 'A'**.

**Refresher course** at OU ASC-2013: UGC Sponsored Refresher course on Soft skills & Personality Development at Osmania University from 03-06-2013 to 24-06-2013 (3 weeks) and obtained **grade 'A'**

**Orientation course** at AU ASC -2012: UGC Sponsored Orientation course at Andhra University from 23-07-2012 to 19-08-2012 (4weeks) and obtained **grade 'A'**

**FDP:** Participated in FDP “ New knowledge in Animal Science” – Emerging Technologies in Molecular Biology” Dt. 6-7-2020 to 10-7-2020 organized by CCE AP, Vijayawada.

**FDP:** Participated in “FDP on LMS Video & Pedagogy” from 3<sup>rd</sup> to 7<sup>th</sup> August, 2020 organized by CCE, AP, Vijayawada.

**FDP:** Participated in “FDP on Content delivery and Assessment method in Poultry Farming ” from 2<sup>nd</sup> to 6<sup>th</sup> November, 2022 organized by Commissionerate of Collegiate Education, A.P.,Vijayawada

**FDP:** Participated on Diary Technology - Content Delivery and Assessment Methods (TOT on Diary Technology)” from 10.08.2022 to 14.08.2022 Commissionerate of Collegiate Education, A.P.,Vijayawada.

**MOOCs:** Participated workshop on “Teaching learning and evolution Online with Moodle MOOC platform and & open education Resources” from 7-9 Aug 2017 9 National University of Educational Planning and Administration (**NUEPA**) **Delhi**.

**National Journal Life Member:** AZRA. No. L 231/ 2011(Applied Zoological Research Association).

**SHRESTA :** Participated UGC sponsored programme on dt. 09-05-2016 to 10-05-2016

**NIPUNA:** Participated UGC sponsored programme on dt. 12-05-2016 to 13-05-2016

**Innovative Practices : 08**

**Best Practices : 12**

**Research Experience : 25 Years**

PDF (DBT Project) : Mud Crab Hatchery Technology (4 years) PDF (DST Project) : Rock Lobsters Larval development (3years)

INCO - DC Project : Fishery in Mangrove area (Kakinada) (1year)

**Teaching Experience : 13 years at M.Sc Level**

8 years (M.Sc Industrial Fishers, Aquaculture and PG Diploma Prawn and Crab Farming and Management)

3 Years (M.Sc Zoology with Fisheries Elective subjects)

2 Years (M.Sc Microbiology)

**Administrative Experience : 2 Years (As a PG Coordinator)**

**A) PG Teaching Experience (Total 13 Years)**

i) 8 Years Teaching Experience as a Post Doctoral Scholar in the Department of zoology,

Division of Fisheries and Aquaculture. Andhra University, Visakhapatnam.

- ii) 3 Years Teaching Experience as a Lecturer and Head of the PG Department of Zoology, S.V.K.P & Dr.K.S.Raju Arts & Science College, PENUGONDA – 534 320.
- iii) 3 Years Teaching Experience as a Asst. professor and Head of the PG Department of Microbiology, TSR 7TBK PG College, Gajuwaka, Visakhapatnam-26.

#### **B) Research Experience. (Total 25 Years)**

- i) 4 Years Research Experience as a Senior Research Fellow in DBT, R & D Project on Mud Crab Hatchery Technology in the Department of Zoology, Andhra University, Sponsored by Ministry of Science and Technology, Govt of India.
- ii) One Year Research Experience as a Research Fellow in INCO-DC Project on Fishery in Mangrove Area at Koringa Region Sponsored by CEC European Community Belgium.
- iii) 3 Years Research Experience as a Post Doctoral Scholar in DST Project on Rock Lobster Larval Development Technology, Department of Zoology, Andhra University. Sponsored by DST Ministry of Science and Technology, Govt. of India.

#### **C) Technical Experience**

- I) Participated in training programme in **Microbiological Techniques in Aquatic Microbiology** in Freshwater Aquaculture. Central Institute of Freshwater Aquaculture (CIFA), Bhubaneswr.
- II) Worked in Shrimp Hatcheries in Maturation, Larval and Post larval sections, Visakhapatnam, India.

#### **D) Other Experiences**

- I) One year working experience in well noted National Scientific Journal for Fishery Science in Fishing Chimes.

#### **Extension Lectures**

- 8. Extension lecture on “Aquaculture and Fisheries. March 2020. at Govt. Degree Collge, Sabbavaram, VSP
- 7. Extension lecture on “Nutrition in Fishes. March 2018. at Govt. Degree Collge, Siddipeta T.S
- 6. Extension lecture on Reproductive Biology in Fishes. Nov 2017. at Govt. Degree Collge, Siddipeta T.S
- 5. Extension lecture on “Recent trends in Fisheries and Aquaculture on the occasion of world fisheries Day 21<sup>st</sup> Nov 2016. At Govt. Degree Collge, Siddipeta T.S
- 4. Extension lecture on “Fisheries and Aquaculture” to B. Sc students 25-9-2015. At Govt. Degree Collge, Warangal, T.S 25-11-2016

3. Extension lecture on “Fisheries and Aquaculture” to M.Sc and B. Sc students 28-9-2015. At Giriraj Govt. Degree Collge, Nizamabad, T.S
2. Extension lecture on “Induced Breeding and Hatchery systems” to M.Sc and B. Sc students 07-01-2014. At Giriraj Govt. Degree Collge, Nizamabad, T.S
1. Extension lecture on “Fish and Fisheries” to B. Sc students 07-01-2013. At Govt. Degree Collge, Janagam, T.S

#### **Invited Talks**

1. Invited talk on Aquaculture Practices in Telangana State on World Fisheries Day Nov 21<sup>st</sup> 2017 organized by Dept, of Zoology/ Fisheries at Govt. Degree college, Siddipeta
2. Invited talk on Aquaculture Practices in Telangana State on World Fisheries Day Nov 21<sup>st</sup> 2018 organized by Dept, of Zoology/ Fisheries at Govt. Degree college, Siddipeta

#### **Examination Paper settings (Confidential)**

1. M. Sc, Fisheries, paper I to IV, Semester III and IV, Paper code 003,4, Govt. Degree College, Siddipeta, T.S. Dt. 25-02-2017.
2. M. Sc, Fisheries, paper I to V, Semester I and II, Paper code 001,2 Govt. Degree College, Siddipeta, T.S. Dt. 25-02-2017.
3. Zoology, paper VI, Semester IV, Paper code 4441, English and Telugu Medium, both regular and supplementary, Govt. Degree College, Siddipeta, T.S. Dt. 25-02-2017
4. Zoology, paper VII, Semester V, Paper code 5741/N, English and Telugu Medium Govt. Degree College, Siddipeta, T.S. Dt. 5-10-2016.
5. Zoology, paper VIII, Semester VI, Paper code 6841/N, English and Telugu Medium Govt. Degree College, Siddipeta, T.S. Dt. 5-10-2016
6. Fisheries, paper II, Semester II, Paper code 2158, English Medium Govt. Degree College, Siddipeta, T.S. Dt. 4-4-2016.
7. Fisheries, paper II, Semester II, Paper code 2158, English Medium Govt. Degree College, Siddipeta, T.S. Dt. 4-4-2016.
8. Fisheries, English Medium Govt. Degree College, Siddipeta T.S. Dt. 6-11-2016.
9. Zoology, paper III, Semester III, Paper code 3341, English and Telugu Medium Govt. Degree College, Siddipeta, T.S. Dt. 30-09-2015.
10. Zoology, paper VI, Semester IV, Paper code 4441, English and Telugu Medium Govt. Degree College, Siddipeta, T.S. Dt. 25-02-2015.
11. Zoology, paper VI, Semester VI, Paper code 6641, English and Telugu Medium Govt. Degree College, Nizamabad T.S. Dt. 075-10-2013.

### **External Practical Examiner**

1. UG Annual Practical External Examiner at Govt. Degree colleges under Dr B R Ambedkar University, Srikakulam
2. UG Annual Practical External Examiner at Huzarabad 2018; Lr No. 95/UGPRAC/Annual/15/SU/KNR, Satavahana University
3. UG Annual Practical External Examiner at Huzarabad 2017; Lr No. 495/UGPRAC/Annual/15/SU/KNR, Satavahana University
4. UG Annual Practical External Examiner at Huzarabad 2017; Lr No. 495/UGPRAC/Annual/15/SU/KNR, Satavahana University
5. Flying Squad duty for UG Supplementary theory examinations 30/9/2017 to 7/10/2015. Satavahana University
6. UG Annual Practical External Examiner, Karimnagar 2016; Lr No. 1495/UGPRAC/Annual/15/SU/KNR, Satavahana University
7. UG Annual Practical External Examiner, Karimnagar 2014; Lr No. 1495/UGPRAC/Annual/15/SU/KNR, Satavahana University
8. Flying Squad duty for UG Annual theory examinations 21/03/2016 to 28/03/2016, Satavahana University, No. 1688/UG ANNUAL EXAMS/SU/ 2015
9. Flying Squad duty for UG Supplementary theory examinations 30/9/2016 to 07/10/2015. Satavahana University
10. UG Annual Practical External Examiner, Karimnagar 2014; Lr No. 1495/UGPRAC/Annual/15/SU/KNR, Satavahana University
11. UG Annual Practical External Examiner, Karimnagar 2013; Lr No. 1495/UGPRAC/Annual/15/SU/KNR, Satavahana University
12. Observer of Annual theory examinations 2012. Kakatiyya university, No. 295/E2/KU/2012, 25-3-2012

### **BOOKS**

1. **Animal Diversity- Invertebrates:** (2022) Practical manual for I semester B. Sc Zoology students, Telugu Academy;Hyderabad; ISBN: 98788181807540
2. **Omega-3 fatty acids (Health and Beauty):** (2020) MSO Publications, Hyderabad, ISBN No 978-81-945879-3-4
3. **Recent Trends in Aquaculture: (2021),** JTS Publications, Delhi, ISBN 978-93-90143-69-6
4. **Mangrove – Ecology: (2021),** Reyaans Publishers, Hyderabad. ISBN 978-81-953765-6-8
5. **Animal Husbandry Manual: 2022**
6. **Poultry Farming (Skill Development Course) CCE, Mangalagiri**

## **PUBLICATIONS**

### **INTER NATIONAL: (2013-2022)**

58. Combined effect of salinity and temperature on oxygen consumption and metabolic rate in *Penaeus monodo* (Fabricius, 1798),

58. K. Rama Rao,. Ichthyofaunal diversity of Gotta Barrage at Hiramandalam, Vamsadhara River, Srikakulam Dt. Andhra Pradesh, India. International Journal of Zoology Studies; Volume 8, Issue 2, 2023, Page No. 23-28, ISSN: 2455-7269

57. Rama Rao K., R. Ramachandra Rao and N. Veerabhadra Rao. 2022. Ichthyofaunal Diversity of Peddagedda Reservoir at Vizianagaram District, Andhra Pradesh, India. International Journal of Recent Scientific Research Vol. 13, Issue, 11(A), pp. 2460-2464, November, 2022.

56. K. Rama Rao, S. Nickhil Vardhan, L. Komali, K.Manisha, B. Karthik Priyatham. Food and feeding habits of *Securicula gora* (hamilton, 1822) in Meghadrigedda Reservoir, Visakhapatnam, Andhra pradesh, India. World Journal of Pharmaceutical and Life Sciences: 2022, Vol. 8, Issue 6, 162-169. Impact Factor: 6.129 ISSN 2454-2229

55. Rama Rao. K and D. E. Babu. Effect of temperature on Oxygen consumption and metabolic rate at various salinities in *Penaeus monodon* (Fabricius, 1798). International Journal of Zoology and Research, Vol. 12, Issue 1, 18 Jan 2022, 1–6, ISSN (P): 2278–8816; ISSN (E): 2278–8824. Trans Stellar. Impact Factor (JCC) : 5.8557

54. Rama Rao. K and D. E. Babu. Diurnal oxygen variations and oxygen consumption of *penaeus monodon* with comparison of temperature, ph and turbidity in Culture pond. 2021, International Journal of Applied and Natural Sciences (IJANS): 2319–4022, Vol. 10, Issue 2, Jul–Dec 2021; 85–92, Impact Factor(JCC): 7.1738; NAAS Rating : 3.73

53. Rama Rao. K and R. Ramachandra Rao. Ichthyofaunal Diversity of Narayanapuram Anicut at Nagavali River, Srikakulam District of Andhra Pradesh, India. Uttar Pradesh Journal of Zoology (UPJOZ), 42(19): 24-35, 2021, ISSN: 0256-971X (P)

52. Rama Rao K , Sravani P, Anil D, Rambabu S, Kruparani Y & Jyothsna K. Analysis of migratory spot-billed pelicans and painted stork heronry birds population density at telineelapuram, tekkali, srikakulam dt. Andhra pradesh, india. International Journal of Zoology and Research, Vol. 11, Issue 1, Jun 2021, 29–38, ISSN (P): 2278–8816; ISSN (E): 2278–8824. Trans Stellar. Impact Factor (JCC) : 5.8557

51. Amaravathi D, Rama Rao K, Rajasekher PS. Aquatic bird diversity in Kondakarla Ava Lake wet land at Visakhapatnam, Andhra Pradesh, India. International Journal of Zoology Studies, 2021; 6 (1), 26-34, ISSN: 2455-7269; Impact Factor: RJIF 5.14

50. Rama Rao K, Prasanna D, Amaravathi D. Diversity of bivalve and gastropod molluscans at lower manair dam from Karimnagar district, Telangana State, International Journal of Entomology Research., 2021;6 (1); Page No. 79-82 . ISSN: 2455-4758; Impact Factor: RJIF 5.24

49. Rama Rao. K and A. Rama Rao. Characteristics of Teaching and Learning- A study on challenges. Assessment, accreditation and ranking methods for higher education institutes in



India: Current findings and future challenges. 2021. Pp 140-144, Trans Stellar. Impact Factor (JCC) : 5.8557

48. Dr. K Rama Rao, Dr. D Prasanna and D Amaravathi. Aquatic entomofauna diversity in Lower Manair Dam, Karimnagar Dt. Telangana state, India. *Journal of Entomology and Zoology Studies*, 2020; 8(2): 1144-1149. ISSN: P2349-6800; E 2320-7078 I F 5.48

47. Dr. K. Rama Rao. A case study on anthropogenic activities to effect Chronic Kidney Diseases in Uddanam costal belt, Srikakulam, Andhra Pradesh, India. *European journal of pharmaceutical and medical research*, 2020; 7(2), 493-498. SJIF Impact Factor 6.222; ISSN: 2394-3211

46. Dr. K Rama Rao and Amaravathi D. Avifaunal diversity distribution and status of Dabarusingi reservoir at Mandasa Mandalm, Srikakulam Dt. Andhra Pradesh, India. *International Journal of Fauna and Biological Studies*, 2019; 6(4): 01-07. IF 5.53; Print ISSN: 2394-0522; Online ISSN: 2347-2677

45. Rama Rao K. Srinivasulu Ch, Ravi Shankar V, Srinivas Kumar G, Venkateswararao M, Amaravathi D And Glory B. Studies on Ichthyofaunal Diversity of Wyra reservoir in Khammam District, Telangana State, India. *Trends in Biosciences*, 2019; 12(4), 1-11. Print : ISSN 0974-8431; Print : ISSN 0974-8431; NAAS Score - 3.94.

44. Amaravathi D, P S Raja Sekhar, Rama Rao K. Diversity of Molluscan communities in Kondakarla Freshwater Lake, Visakhapatnam, Andhra Pradesh. *SSR Inst. Int. J. Life. Sci.*, 2019; 5(1): 2140-2147. ISSN: 2581-8740; P 2581-8732.

43. Amaravathi D, PS Raja Sekhar and Rama Rao K. Entomofaunal diversity in Kondakarla freshwater lake ecosystem at Visakhapatnam, Andhra Pradesh, India. *Journal of Entomology and Zoology Studies*, 2018; 6(6): 880-886.

42. Rama Rao K, N. Akhil, D. Uday Kumar, B. Triveni, K. Jaya Kumari, B. Geetanjali, G. Saritha, B. Ashok, P. Padma Rani, T. Poojitha, M. Srilatha, G. Naga Rani, M. Anusha, N. Swapna, J. Rajeswari, V. Hymavathi, B. Ravali, M. Saritha and A. Sowmya. Prevalence of Gastrointestinal Helminth Parasites in domestic Chickens *Gallus Domesticus* of selected Areas At Karimnagar And Khammam Districts, Telangana State, India. *European Journal of Pharmaceutical and Medical Research*, 2018; 5(10), 379-383.

41. Rama Rao K and Vinod Kumar M. Effect of temperature on oxygen consumption and metabolic rate in *Puntius sophore* (Hamilton-Buchanan, 1822). *Int. J. of Life Sciences*, 2018; 6 (2):XX- UGC Approved Journal No 48951

40. Rama Rao K. Ichthyofaunal diversity in the Kalinga Dal reservoir at foot hills of Mahendragiri, Mandasa mandal, Srikakulam district, Andhra Pradesh State: India. *International Journal of Fauna and Biological Studies* 2018; 5(2): 89-96

39. Studies on Population Characteristics of Frigate tuna, *Auxis thazard* (Lacepede,1800)

Occurring in the North West Coast of India. *Int. J. Life. Sci. Scienti. Res.*, 2018; 4(2): 1639-1643. DOI:10.21276/ijlssr.2018.4.2.3

38. Investigations on the age, growth and mortality parameters of Kawakawa, *Euthynnus affinis* (Cantor, 1849) from the North west coast of India. *International Journal of Academic Research and Development*. *Int. J. Aquat. Biol.* (2018) 6(1): 21-24: 2018 Iranian Society of Ichthyology.

37. Reproductive Biology of *Saurida tumbil* (Bloch 1795) and *Saurida undosquamis*(Richardson 1848) inhabiting North West Coast of India. *International Journal of Pure and Applied Bioscience*. 5 (6): 957-964 (2017), IF. 6.327, ISSN:2320-7051

36. Ichthyofaunal diversity of Jammikunta mandal freshwater perennial tanks at Karimnagar district; Telangana State: India. *International Journal of Fisheries and Aquatic Studies* 2017; 5(6): 383-391

35. Rama Rao. K and Vinod Kumar Mudumala. 2017. Ichthyofaunal biodiversity in the Sunamudi Gedda a tributary of Mahendratanaya, Eastren Ghats at Venkatavarada Rajapuram, Mandasa, Srikakulam Dt. Andhra Pradesh, India. *IJMER*: (2017) Vol. 6, Issue 8 (2), 35-61pp. Impact Factor 7.21, Index Copernicus Value : 5.16, *International Journal of Multidisciplinary Educational Research*

34. Proximate composition, nutritive value and share of protein to the diet of coastal population from four neritic tunas occurring along north western Indian EEZ. (2017); *International Journal of Educational research and Technology*. Vol. 8 [3] ISSN: 0976-4089. Global Impact Factor: 0.765

33. Distribution, Growth, Instability and Trend analysis of marine fish production in the coastal states of India. 2017; *International Journal of current trends in science and technology*, (2017), Vol. 7, Issue. 9, Page no: 20347-20354, Print ISSN: 0976- 9498, Global Impact Factor: 0.415, UGC No. 63675

32. Growth, age and mortality of *Thunnus tonggol* (Bleeker, 1851) exploited along the North West coast of India. *European Journal of Biotechnology and Bioscience*, (2017) Volume 5; Issue 3, May 2017; Page No. 01-05, Impact Factor (RJIF): 5.44

31. Kiran S Mali, Farejiya MK, Vinod Kumar M, Rama Rao K and Bhargava AK. Population characteristics of greater lizardfish, *Saurida tumbil* (Bloch 1795) and brushtooth lizardfish, *Saurida undosquamis* (Richardson 1848) from the North western Indian EEZ. *International Journal of Fauna and Biological Studies*, (2017); 4(2): 124-130 , Impact Factor (RJIF): 4.68, ISSN: 2347-2677, PRINT ISSN: 2394-0522

30. Dr. K Rama Rao and Venugopal Sunchu. A report on *Pterygoplichthys pardalis* Amazon sailfin suckermouth Catfishes in Freshwater tanks at Telangana state, India. *International Journal of Fisheries and Aquatic Studies* (2017); 5(2): 249-254. ISSN: 2347-5129, (ICV-Poland) Impact Value:5.62. **Impact Factor: 0.352**

29. Rama Rao K. (2017): Comparative study on food and feeding habits of *Xenentodon cancila* and *Hyporhamphus gaimardi* (Order: Belontiiformes), *European Journal of Biotechnology and Bioscience*, Volume 5; Issue 2, March 2017; Page No. 08-12, ISSN: 2321-

9122, Impact Factor: RJIF 5.44

28. Rama Rao K. (2017): Zooplankton diversity and seasonal variations in Thandava reservoir, Visakhapatnam, India. *International Journal of Fisheries and Aquatic Studies*, 5(1): 90-97 ISSN: 2347-5129, (ICV-Poland) Impact Value: **5.62. Impact Factor:0.352**

27. Rama Rao K. (2016): Food and feeding habits of freshwater catfishes (siluriformes: Bagridae: *Mystus sp.*) *International Journal of Life Sciences and Scientific Researches*. 3(1): 786-791, ISSN: 2455-1716, **Impact Factor: 2.4.**

26. Rama Rao K., Leela, B (2016): Ichthyofauna and hydrophyte floral diversity in the Lower Manair Dam at Karimnagar district, (Telangana State) India: *International Journal of Fisheries and Aquatic Studies*, 2016; 4(3): 109-118, ISSN: 2347-5129, (ICV- Poland) Impact Value: 5.62. **Impact Factor: 0.352**

25. Rama Rao. K (2015): Fish Biomass and Physico-Chemical Characteristics of Lower Manair Reservoir At Karimnagar Dt, Telangana, India. *Scientia research library. J. of Appl. Sci. And Research*. 2015, 3 (4): 1-12. **Impact Factor: 4.438** ISSN : 2348 – 0416, IF **1.025**

24. B. Bharatha Lakshmi, Dr. B.T. Rao, **Dr. K. Rama Rao**, Dr. Y. Poli Naidu (2015): Diversity, Distribution and Status of Birds of Kolleru Lake - A Ramsar Site in Andhra Pradesh. *International Journal of Innovative Research in Science, Engineering and Technology*, ISSN(Online) : 2319-8753, ISSN (Print) : 2347-6710, Vol. 4, Issue 7, pp: 5759-5784. **Impact Factor: 5.442**

23. B. Bharatha Lakshmi, Y. Poli Naidu, and **\*K. Rama Rao** (2015): Ichthyofaunal Diversity and Conservation of Kolleru Lake- A Ramsar Site in Andhra Pradesh. *IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS)* e-ISSN: 2278-3008, p- ISSN:2319-7676. Volume 10, Issue 2 Ver. II (Mar -Apr. 2015), PP 13-21. [www.iosrjournals.org](http://www.iosrjournals.org) . **Impact Factor: 1.519**

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**PAPERS PRESENTED AT SYMPOSIA / CONFERENCE. (2012-19)**

1. 2019: A report on conservation of Mahendragiri hills monsoon water resources and its impact on four mandals at Srikakulam dt. Andhra Pradesh. International conference on Water, Sanitation & Hygiene (WASH 2019) 23-24 Feb 2019, Dr. BR Ambedkar University, Srikakulam
2. 2017: A report on *Pterygoplichthys pardalis* Amazon sailfin suckermouth Catfishes in Freshwater tanks at Telangana state, India. Nat. Sem. On “Recent recent innovations in Animals” 17-18<sup>th</sup> March, Kakatiya University, Warangal.
3. 2016: Zooplankton diversity and seasonal variations in Thandava reservoir, Visakhapatnam, India. Int. Con. Recent advances in aquaculture (RAA- 2016), Andhra University, 16-17<sup>th</sup> Dec. at MLR, VSP.
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8. 2014. Fish parasitic diseases in Lower Manair Dam. Nat. Sem On Applied Immunology. Govt, Degree College for Women, Warangal.
9. 2014. Zooplankton diversity at various seasons in Lower Manair Dam. Nat. Sem. On Perspectives, Recent Trends & Challenges in Life Sciences. APCOST.Govt. Degree college, Mulugu, Warangal.
10. 2014. Reservoir Fishery diversity and conservation in Andhra Pradesh, Nat. Sem on Biodiversity and Conservation. Nagarjuna Govt. Degree College Nalgonda.
11. 2013. Diversity of Ornamental Fishes in Lower Manair Dam at Karimnagar Dt. Andhra Pradesh. A.P. Science Congress, University of HYD.
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1. Sparrows conservation
2. Cat fish culture – Impact of nature in Telangana state- Deccan Chronicle 6/10/2016
3. Mangrooves and its impacts at Naval Dockyard: Visakhapatnam harbor area. Vartha daily news paper.
4. Poultry chicks protection in summer month., Vartha daily news paper.
5. Birds and its uses for cultivated land.
6. Fish cultivation in panchayat ponds.
7. Viral diseases in culture ponds.

### WORKSHOPS

1. Digital class room Training- Workshop on Teaching Learning and Evaluation Online with Moodle MOOCs platform and Open educational Resources at New Delhi 07- 08-2017 to 09-08-2017
2. 2008. Participated in the National Workshop on Recent Developments in Microbiology. AU – Visakhapatnam.

### **Virtual Dissections**

- <https://www.youtube.com/watch?v=UavQAs1TgFs> Crab Digestive System Dissection  
<https://www.youtube.com/watch?v=zSTYRtliac0> Display of Pila Radula  
<https://www.youtube.com/watch?v=iqrVmz625WA> Prawn - Appendages Dissection  
<https://www.youtube.com/watch?v=Smtoon6zhe> Dissection Of Prawn Statocyst  
<https://www.youtube.com/watch?v=5VIJ59oX7G0> Prawn Nervous system Dissection

### **online video lectures**

- <https://www.youtube.com/watch?v=QQxh6gEhSvE&t=143s>  
<https://www.youtube.com/watch?v=ufcGrAeDswE&t=205s>  
[https://www.youtube.com/watch?v=Sd\\_2MQinCNk&t=129s](https://www.youtube.com/watch?v=Sd_2MQinCNk&t=129s)  
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<https://www.youtube.com/watch?v=Mqyzt0bVTuE&t=6s>  
<https://www.youtube.com/watch?v=0hhp4GfQajE&t=39s>

- <https://www.youtube.com/watch?v=2T309vIDbLE> Cage culture  
<https://www.youtube.com/watch?v=38EDC77jKcE> Plasmodium vivax  
<https://www.youtube.com/watch?v=0iKZQYFsKH8> Enterobius vermicularis

<https://www.youtube.com/watch?v=RSyGk7NU6sI> cystosoma haematobium  
<https://www.youtube.com/watch?v=KMaInatFlkk> Menstrual cycle  
<https://www.youtube.com/watch?v=UzAs7NKaJfo> Entamoeba histolytica  
<https://www.youtube.com/watch?v=EKoRRCR68ukI> Blood Groups identification (Demo)

### **Published You Tube Videos (On Biodiversity)**

1. <https://www.youtube.com/watch?v=Pseudoi6NDA>
2. <https://www.youtube.com/watch?v=YfoSaWGT5aw>
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