

PERSONAL PROFILE

Sri. B. Chakravarthi, M. Sc, M.Phil., NET (Ph.D.)

Lecturer and Head- Department of Zoology& Aquaculture

P.R. Government College (Autonomous), Kakinada, Andhra Pradesh

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Academic Qualifications:

M.Sc., Zoology	Andhra university, Visakhapatnam	1995
M.Phil. Zoology	Acharya Nagarjuna University, Guntur	2019
AP-NET Zoology	College service commission, AP	1996

Professional Experience:

1. Currently working as Lecturer in Zoology at PR Government College (A), Kakinada from 24.09.2021 till date
2. Worked as Lecturer in Zoology at SVRK GDC, Nidadavole from 24.06.2016 to 23.09.2021
3. Worked as Lecturer in Zoology at DRG GDC, Tadepalligudem from 07.11.2010 to 23.06.2016
4. 12 years of teaching experience as Junior lecturer in Govt. Junior College

Publications

1. Nutrient Application Based on Soil Testing – Quantification of nutrients of irrigated soils of Tadepalligudem Tehsil and fertilizer recommendation for paddy cultivars with special reference to zinc for end user applications. *Int. J. Adv. Res. Sci. Technol. Volume 5, Issue 3, 2016, pp.623-628.*
2. Soil Analysis and Fertilizer Recommendations for Paddy Cultivars of Pentapadu Tehsil with Special Reference to Zinc. *Int. J. Adv. Res. Sci. Technol. Volume 4, Issue 6, 2015, pp.409-413.*
3. Physico-Chemical analysis of drinking water samples of Pentapadu village
4. Parasitic copepods in Carangid fishes from Manginapudi Coastal Waters

Machilipatnam, A.P, India 2019 JETIR May 2019, Volume 6, Issue 5
www.jetir.org (ISSN-2349-5162)

5. Balancing The Pond Environment Through Probiotics for Enhancing Environmental Conditions in A Shrimp Farm to Achieve Improved Margins 2019 JETIR January 2019, Volume 6, Issue 1 www.jetir.org (ISSN-2349-5162)
6. In silico molecular docking approach for anticancer analysis of bioactive compounds from *Phyllanthus amarus* dimethyl formamide leaf extracts- international journal of research culture society Issn: 2456-6683- 29th & 30th Nov, 2017
7. Passage of ammonia Through the Mitochondrial membranes and the blood-brain Barrier in *Ctenopharyngodon Idella* Due to ammonia toxicity
8. Unravelling seasonal shifts: Exploring carbon and Nitrogen Stable Isotope Signatures in Zooplankton of Kakinada Bay, Andhra Pradesh, India. Journal of Advanced Zoology. Volume 44-year 2023

4. Area of Research Interest

- Fish Biology & Fisheries Science
- Environmental Toxicology
- Aquaculture & Shrimp Farming
- Heavy Metal & Pesticide Pollution & Conservation Biology

Participation in Faculty /Professional Development Programmes:

1. Three-day Induction Training Programme conducted by CCE, from 14.11.2011 to 16.11.2011
2. Refresher Course at UGC-ASC, Andhra University from 09.05.2011 to 29.05.2011.
3. Orientation Course at UGC-ASC, Andhra University from 07.12.2015 to 03.01.2016
4. Refresher Course at UGC-ASC, Andhra University from 18.09.2019 to 01.10.2019.
5. FDP on New knowledge in Animal Sciences-Emerging technologies conducted by CCE, AP from 6/7/2020 to 10/07/2020
6. FDP on LMS Video and Pedagogy 3rd to 7th August 2020 Conducted by CCE, AP, Vijayawada
7. FDP in Zoology conducted by CCE, AP, Vijayawada
8. FDP on ICT Tools for effective Online learning and teaching by Govt. First grade college & Karnatak University from 29th June to 5th July 2020

9. SWAYAM ARPIT COURSE on Leadership and Governance in Higher Education – March 2021
10. 5-day TOT on Zoology conducted by CCE, AP from 11-03-2024 to 15-03-2024

LMS Presenter & Content Generator

Web links of Topics Prepared

A. Pond fertilization

<https://ccelms.ap.gov.in/rusa/user/gselflearn/2240/325/0>

B. janthu prajananamu <https://ccelms.ap.gov.in/rusa/user/gselflearn/2086/129/0>

c. Systems of Animal Breeding

<https://ccelms.ap.gov.in/rusa/user/gselflearn/2085/129/0>

d. Environmental Studies - Man as an integral part and product of Nature

Books/e content Co-Authored

1. Immunology & Animal Biotechnology - ISBN 9789359968384
2. Brackish water Aquaculture – ISBN 9789334166835
3. Fish Nutrition & Feed technology- ISBN 9789334195811

Conferences Organized

1. Convener- 5-day residential TOT on Dairy Technology organized for Lecturers from 10-8-2022 to 14-08-2022
2. Convener- National Conference on Green Initiatives for Sustainable Aquaculture On 04/08/2023
3. International Women leadership conclave- 23/1/2025 to 24/1/2025

Institutional Responsibilities

1. Head of the Department- Zoology & Aquaculture
2. Coordinator- Academic Monitoring Cell
3. Coordinator- Admissions Biology stream
4. Convener- Faculty Forum
5. Director – PG Programs