

CURRICULUM VITAE



1. Name: Dr LAVANYA KUPPURU

2. Present Position: Lecturer, HOD

Address for Communication: Dept. of Zoology, SKR Govt. Degree College, Gudur, SPSR Nellore Dt.

Mail id: lavanya.kuppuru@gmail.com

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3. Date of Birth: 30/08/1975

4. Place of Birth: Dagadarthi, Nellore District, AP, India

5. Marital Status: Married

6. Social Status: Working as Lecturer in Zoology

7. **Teaching Experience:** Appointed as a junior lecturer by APPSC at Govt. Junior College, Bhamini, Srikakulam, Dt. on February 6th, 2002. Worked there for 6 years and transferred to GVSM Govt. Jr College, Ulavapadu, Prakasam Dt.

DL Promotion: Promoted as a Degree lecturer on 6th November, 2010 and posted at D.K. Govt. Degree College for Women, Nellore.

8. Date of joining in Present station: 10th July 2026

10. Educational Qualifications: MSc., PhD, SLET

PhD in Zoology (2019), Sri Venkateswara University, Tirupati, India.

M.Sc. in Zoology (1998), Sri Venkateswara University, Tirupati, India.

SLET in January 1999 organised by AP College Service Commission, AP Govt.

11. AWARDS AND FELLOWSHIPS:

12. AREAS OF RESEARCH INTEREST:

Shrimp Pathology, Probiotic Applications in Aquaculture.

13. ADMINISTRATIVE POSITIONS:

1. Positions held in College: In-charge of the Department of Zoology from **10/07/2026 till date**, SKR.GDC, Gudur.
2. Criterion 1: In-charge in NAAC, SKR GDC, Gudur, SPSR Nellore Dt.
3. BOS Member Zoology, V.S. University, Nellore.

14. GUEST LECTURES, LMS & JURY MEMBERS:

1. Successfully completed 5 LMS Zoology subject videos for degree students in collaboration with APCCE LMS Portal .
2. Delivered Guest Lecture at SKR Govt. Degree. College , Gudur on 11th November, 2011.
3. Delivered Guest Lecture at Ravindra Bharathi School, Chavatapalem village Venkatachalam (M) on the occasion of Ramanujan Day Celebration on 22.12.2015.
4. Delivered Guest Lecture at PRR & V.S Govt College, Vidavalur on February 2nd , July, 2022.
5. Acted as Jury Member in District level DBT Sponsored Inspire Manak Exhibition from 12th September to 15th September 2015, Nellore.

15. ORIENTATION / REFRESHER COURSES / MOOCS/FDPS/ TRAINING COURSES ATTENDED:

Name of the course	Institution/Organization	Duration, Date & Year
Orientation Course	UGC-HRDC-Andhra University, Vizag	Four weeks, from 25-2-2014 to 24-3-2014
Refresher Course	Hyderabad Central University, Hyderabad	Three weeks, from 13-11-2015 to 03-12-2015

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Orientation Programme	Vikrama Simhapuri University, Nellore	One week, from 07-08-2017 to 11-08-2017
Refresher Course (ONLINE)	UGC-HRDC Sri Venkateswara University, Tirupati	Two weeks from 24-02-2021 to 09-03-2021
FDP ZOOLOGY	APCCE (Commissionerate of Collegiate Education)	From 06-07-2020 to 10-07-2020
FDP in Essentials of Biomolecules: Nucleic Acids and Peptides	NPTEL; AICTE	Jan-April 2020(12 weeks)
TOT, Dairy Technology	CCE (Commissionerate of Collegiate Education),	10-08-2022 to 14-08-2022
TOT, Poultry Farming	CCE (Commissionerate of Collegiate Education),	02-11-2022 to 06-11-2022
FDP in Animal Physiology	NPTEL; AICTE	July-October 2024 (12 weeks)

16. RESEARCH PAPERS PUBLISHED:

1. K. Lavanya and Y. Dayakar (2017) Isolation and characterisation of probiotic bacteria from the soil samples of the coastal areas of (Gudur division, Nellore dt.) for utilisation in Shrimp farming, *International Journal of Fisheries and Aquatic Studies* 2017; 5(4):371-376
- 2.K. Lavanya and Y. Dayakar (2018) Studies on Antioxidant response, Immune efficiency and Disease compatibility of the marine shrimp *Litopenaeus vannamei* fed with the probiotic *Lactobacillus* species isolated from the cultured ponds, *International Journal of Recent Scientific Research* Vol. 9, Issue 3(J), pp. 25369-25374, March 2018
3. K. Lavanya and Y. Dayakar (2019) Studies on Histopathological alterations in the white leg shrimp *L. vannamei* supplemented with farm-isolated probiotic (LAB) upon challenge with White Spot Syndrome Virus (WSSV), *Journal of Emerging Technologies and Innovative Research* (ISSN: 2349-5162) Volume 6 Issue 6, pp. 682- 687, June 2019.
4. K. Lavanya and Dayakar (2023) Studies on Efficacy of farm-isolated probiotic supplementation on Immune indices and Histological status of shrimp *L. vannamei* infected with WSSV, *International Journal of Creative Research Thoughts (IJCRT)*, Volume 11, Issue 3, March 2023 | ISSN: 2320-2882, PP. 1686-1694.

5. K. Lavanya and Y. Dayakar (2024) "Application Of Probiotics For Sustainable Aquaculture Management" International Conference on Frontiers in Modern Biology (Online) on 6th November 2024 organised by Department of Zoology, Government College for Men (A), Kadapa, Andhra Pradesh & Chonnam National University, South Korea, 6th November, 2024.
6. Nanjala Rajkumar, Ch M Kumari Chitturi, K. Lavanya, V. Subhashini S. Shamshad e and G. Seethamma (2025)*Consequences of Toxic Heavy Metals on Environment and Human Health: A Review, Uttar Pradesh Journal of Zoology, Volume 46, Issue 9, Page 198-207, 2025; Article no. UPJOZ.4839 ISSN: 0256-971X (P) pp,199-207
7. K Srinivas, Lavanya K, Nagendra Prasad SV, Ankamma N, Chakrapani IS (2025) "Bioplastic materials in our daily life "- A review, International Journal of Advanced Research and Development, ISSN: 2455-4030 Published: 21-05-2025, Volume 10, Issue 2, 2025, Page No. 21-23
8. Hemapathyusha Ch, Anitha. N, Lalitha Kumari, Lavanya K, Nagaraju K, Bakshi Ravinder Rao and Sailaja V "Effect of Cow Urine on the growth of *Litopenaeus vannamei*" International Journal of Zoology and Applied Biosciences ISSN: 2455-9571 Volume 11, Issue 2, pp: 305-312, 2026 <http://www.ijzab.com> <https://doi.org/10.55126/ijzab.2026.v11.i02.039>, PP, 686-691
9. M. Ramanamma¹, K. Lavanya², N. Anitha³, Lalitha Kumari CH⁴, G. Nirmala Chakravarthy⁵, K. Nagaraju⁶ and V. Sailaja⁷, "Acute Effect of Acidic and Alkaline P^H on Protein Metabolism of Prawn, *Litopenaeus vannamei*," J. Exp. Zool. India Vol. 29, No. 2, pp. 0000-0000, 2026
10. K. Lavanya, A Review on Human Health Risks triggered by Inappropriate Aquaculture Practices" International Conference on India @2047 Innovation, Sustainability and Social Transformation through Multidisciplinary Approaches, dt, 20&21 April 2026, International Journal of Research Studies on Environment, Earth, and Allied Sciences (IJRSEAS)| Volume-3 Issue-2 | Website: <https://eesrd.us> ISSN: 3066-0637, April - 2026, Volume-III Issue-II

17. SEMINARS /WORKSHOPS/WEBINARS ORGANIZED:

- Organised an Orientation Programme on "Recent Advances And Practical Applications of Applied Biological Sciences" at VS University as CO -Convenor from 7th to 11th August 2017.

18. PARTICIPATION AT THE NATIONAL SEMINARS/CONFERENCES/WORKSHOPS:

- Participated in a National Seminar on: "Emerging trends in Marine & Coastal Studies" held on 30-31st of January 2011 at V. S. University, Nellore.

- Participated in an International Symposium on “Environmental Impacts, Health Implications and Therapeutic Approaches” held on 15-17th July 2012 at V. S . University, Nellore.
- Participated in a National Seminar on “Trends in Hospital Waste Management-Need of the Hour” held on 8-9th of October at SKR. Govt. Degree College, Gudur .
- Participated in a National Workshop on “*Litopenaeus vannamei* in India: Problems and Prospects” held on 20-22 July 2013 at V. S. University, Nellore.
- Participated in a National Workshop on “Molecular Diagnostics for Identification of Microorganisms in Aquaculture” held on 27-29 November 2013 at V.S . University, Nellore.
- Participated in a National Seminar on “Biodiversity Conservation...The National Prosperity” held on 23-24 September 2014 at PRR&VS Govt. College, Vidavalur.
- Participated in a National Seminar on “Molecular and Genetic Basis of Neurological Disorders” held on 19-20th December,2014 at VSSC. Govt. Degree College, Sullurpeta.
- Attended and presented a paper entitled “*Impact of Climate Change on Aquaculture*” in the National Seminar on Impact of Climate Change on Food, Water and Environmental Security” held on 31st July and 1st August,2014 at D.K. Govt. Degree College for Women, Nellore.
- Participated in a Global Summit on “Emerging Science and Technologies: Impact on Environment &Human Health” held on 1-3rd August 2014 at V.S . University, Nellore.
- Participated in State-level Seminar &Special Lecture Workshop on “Quality Sustenance in Higher Education-Issues & Insights” held on 18th September .2014 at SKR. Govt. Degree College, Gudur .
- Participated in GCGTA State level Seminar on “Quality Enhancement in Govt. Degree Colleges-Role of Teachers” held on 10th October,2015 at Andhra University, Visakhapatnam.
- Participated in National Workshop on “Recent Trends in Higher Education-Changing Needs”. held on 23-24th March,2016 at Jawahar Bharati Degree College, Kavali.
- Participated in a National Seminar on “Recent Trends in Animal Physiology, Biotechnology and Medical Research held on 29-30th March,2016 at S.V. University, Tirupati.
- Participated in State -level Workshop on “Steps Towards Improvement of Quality in Higher Education” held on 31st March,2016 at D.K . Govt. Degree College for Women, Nellore.
- Participated in a National Workshop on “Impact of Climate Change on Environment” held on 9-10th November 2016 at Jawahar Bharati Degree College, Kavali
- Attended and presented a paper entitled “Role of Education on Environmental Conservation and Sustainable Development” in a National Seminar on “Role of Education in Human Development”-A Perspective Foundation for Holistic Responsibility” held on 4-5th November at D.K.Govt. Degree College for Women, Nellore.

- Attended and Presented A Paper(posters) entitled “*Isolation and characterisation of probiotic bacteria from the soil samples of “Bay of Bengal” (coastal area of Gudur division SPSR Nellore dt.) For utilization in Shrimp farming*” in THE INDIAN NATIONAL CONGRESS ASSOCIATION held on 3-7th January,2017 at S.V. University, Tirupati.
- Attended UGC sponsored National Workshop on Overall Health Management &Care” at DRW College, Gudur from 28-1-17 to 03-02-2017.
- Participated UGC sponsored National Workshop on Desktop Publishing” at DRW College, Gudur from 30-06-17 to 07-07-2017.
- Attended and Presented A Paper(posters) entitled “*ISOLATION OF PROBIOTIC BACTERIA FROM SOIL SAMPLES OF NELLORE COAST FOR UTILIZATION AS IMMUNOSTIMULANTS IN SHRIMP DISEASE MANAGEMENT*” in the National Seminar on “Aquaculture Production & Biodiversity Conservation and Environmental Toxicology” held on 30-31st August,2017 at S.V. University, Tirupati.
- Participated in the two day UGC sponsored National Seminar on “Bioethics for the new Millennium” held on 15 -16 September 2017 at D.K. Govt. Autonomous College for Women, Nellore.
- Participated in UGC sponsored National Workshop on “Utilisation of E-Resources and Networking of Libraries” at DRW College, Gudur from 30-10-2017 to 04-11-2017.
- •Participated in UGC sponsored National Workshop on “Scientific Instrumentation” at DRW College, Gudur from 13-03-2018 to 17-03-2018.

19. MEMBERSHIP IN NGO’S:

- 1. Life member of Indian Red Cross Society**

20. EXTRACURRICULAR ACTIVITIES:

- a. Convenor for Red Ribbon Club, Youth Red Cross, SKR.GDC, Gudur, SPSR Nellore Dt.
- b. Convenor for Admission Committee
- c. In-charge for Criterion -1 of NAAC

CREATION OF ICT (E-LEARNING MATERIALS)

APCCE LMS LINKS: <https://ccelms.ap.gov.in/dashboard>

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