**Dr. Chitluri Narasimha Rao**



 M.Sc., B.Ed., Ph.D., APSET.

Lecturer in Zoology

Government Degree College

Mydukur

Kadapa Dist., Andhra Pradesh – 516172.

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Contact No**: +917989676366**

**Name** : **Dr. C. Narasimha Rao**

**Date of Birth** : 16th May 1975

**Sex** : Male

**Marital Status** : Married

**Nationality** : Indian

**Educational Qualification** : M.Sc., B.Ed., Ph.D., APSET.

**E-mail**  : narasimharao.svu@gmail.com

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**Date of Appointment**  : 05-02-2012 through APPSC at Govt. Degree College

 Porumamilla (05-02-2012 to 01-09-2015)

 Govt.College for Men (A), Kadapa(02.09.2015 to 02.08.2023)

**ACADEMIC PROFILE**

**Area of Research :** Insect Biology

**Research Experience :** 20Years

**Title of the Ph.D Thesis** : Influence of Corticosterone on Growth, Metabolism and

 Economic Parameters of Silkworm Larvae, *Bombyxmori.*

**Year of Ph.D., Awarded** : 2007

**Membership in Associations:**

1. Life member in **Indian Science Congress Association**

 **Membership ID:** L29000

1. Life member in **Healthcare and Biological Sciences Research Association (HBSRA)**

 **Membership ID:** HBSRA-M19297

1. Life member in **Zoological Society of Orissa**

**Membership No. 236**

**Awards received:**

1. **“International Excellence Award - 2022”** Received during Two Days Multidisciplinary International Web Conference on “Emerging Trends and Challenges in Humanities, Education and Social Sciences” Jointly organized by International Council for Education, Research and Training **(ICERT)** and School of Education, **Central University of Haryana**, **India** on March 26-27, 2022.

**Certificate of Appreciation:**

1. Certificate of Appreciation given by Commissionerate of Collegiate Education, Government of Andhra Pradesh for the contribution in e- Content Generation in Phase -I of Learning Management System (LMS) by developing 2 topics in 4-Quadrant form during the Academic Year 2020-21.

**Refresher Course and Orientation Course**

1. Completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC-MMTTC, Maulana Azad National Urdu University, Hyderabad from 2nd to 11th January, 2024.
2. Completed online **Two – Week Refresher Course in Zoology** held at Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Department of Zoology, PSGR Krishnammmal College for Women, Coimbatore, Tamilnadu from 15-29, December, 2021and obtained ‘A’ grade.
3. **ARPIT**- Leadership And Governance In Higher Education. Level 2 From 1st Dec 2020 to 31st March 2021With a Grade “C” in the proctored examination held on 21/08/2021, Savitribai Phule Pune University Pune.
4. **ARPIT**- “Skills for New Educational Architecture” completed in SWAYAM- Sant Gadge Baba Amravati University on 16-02-2020.
5. **ARPIT**- “Refresher Course on Teacher and Teaching in Higher Education” completed in SWAYAM-Savitribai Phule Pune University on 16-02-2020.
6. **Refresher course** (RC) completed at UGC - HRDC, SV University, Tirupati from 09-12-2019 to 21-12-2019.
7. **Refresher course** (RC) completed at UGC - HRDC, SV University, Tirupati from 18-08-2016 to 07-09-2016.

# **Orientation Course** (OC) completed at Academic Staff College, Andhra University, Visakhapatnam. from 25.02.2014 to 24.03.2014.

**MOOCS**

1. Participated in and successfully completed the UGC­ Approved Short­ Term **Professional Development Programme** Under Pandit Madan Mohan Malaviya Mission on Teacher and Teaching Professional Development Programme  on ‘Implementation of NEP­2020 for University and College Teachers’ held from 12­- 20 June, 2023 and obtained ‘A+’ Grade organized by INDIRA GANDHI NATIONAL OPEN UNIVERSITY Staff Training and Research Institute of Distance Education New Delhi 110068.
2. Completed the 4 credit course “**Basic concepts in Enzymology”** with a consolidated score of 88% from the evaluation based on continuous online assessments and the proctored examination held in month of February, 2022 in **SWAYAM**.
3. Completed Online course in “Food Nutrition for Healthy Living ” from 01-10-2019 to 31-03-2020 in **SWAYAM.**
4. Completed 12 weeks NPTEL (O**nline Faculty Development Programme** -FDP) course on “Wildlife Ecology” during SEP-DEC 2020 in **SWAYAM.**
5. Completed 12 weeks NPTEL (O**nline Faculty Development Programme** -FDP) course in “Animal Physiology” during JAN- APR 2019 in **SWAYAM.**

**Books Authored**

1. Title: **Analysis of Water quality parameters and assessment of health effects (2015)**

Author : **C. NarasimhaRao**

Publisher : Lap Lambert Academic Publishing

ISBN : 978-659-67013-8

1. Title: **An Introduction to environmental pollution (2015)**

Author : **C. NarasimhaRao**

Publisher : Lap Lambert Academic Publishing

ISBN : 978-659-76926-9

**Book Chapters published**

1. Title : Economic Importance of Insects

Authors: **C. NarasimhaRao,** U.Srineetha and D. Veera Nagendra Kumar

Name of the Book : Multidisciplinary Approach in Research Area (Volume-1)

Published by: The Hill Publication Publisher’s

Address: Purulia, West Bengal, 723121

Publishing Month & Year: December, 2023

Edition Details: I

 ISBN: 978-81-966799-5-8

1. Title : A Review on Antidiabetic Medicinal Plants

Authors: D. Veera Nagendra Kumar **, C. NarasimhaRao** andU. Srineetha

Name of the Book : Research in Multidisciplinary Subjects (Volume-13)

Published by: The Hill Publication Publisher’s

Address: Purulia, West Bengal, 723121

Publishing Month & Year: December, 2023

Edition Details: I

 ISBN: 978-81-966799-4-1

1. Title **:** Reasons and Problems of the Human Trafficking In India And Their Behavior Patterns-A Conceptual Study

Authors: U. Srineetha , D. Veera Nagendra Kumarand **C. NarasimhaRao**

Name of the Book : Research in Multidisciplinary Subjects (Volume-13)

Published by: The Hill Publication Publisher’s

Address: Purulia, West Bengal, 723121

Publishing Month & Year: December, 2023

Edition Details: I

 ISBN: 978-81-966799-4-1

1. Title **:** Bioremediation And Its Importance In Pollution Control

Authors : **C. NarasimhaRao** andDr N. Chandra Mohan

 Name of the Book : Proceedings the book of National Conference on Pollution

 Control And Sustainable Environment (NCPCSE-2023)

 sponsored by ICSSR.

 Publishing Month & Year : 24 & 25 Feb, 2023

 ISBN NO : 978-93-5780-717-3

1. Title **:** Bioremediation: An Effective Tool for Sustainable Environmental

 Management

 Authors : **C. NarasimhaRao**

Published by**:** Deccan Education Society’s Willingdon College, Sangli

 Publishers  **:** Prarup Publications, Kolhapur, Maharashtra, India.

 Name of the Book : A Reference Book of Recent Trends in Science and

 Technology

 Date of Pub. : Dec, 2022

 ISBN NO : 978-81-948061-9-6

1. Title : Nanotechnology For Sustainable Development Of Fisheries And

 Aquaculture,

 Authors : **C. NarasimhaRao,** U.Srineetha and D. Veera Nagendra Kumar

Publishers  **:** Jyotikiran Publication, Pune

 Name of the Book : Recent Advances in Humanities, Commerce, Management,

 Engineering, Science & Technology. VolumeNo: I

 Date of Pub. : 30 Sept. 2022,

 ISBN NO : 978-93-94819-13-9

1. Title : Amelioration Of Altered Antioxidants Status By Ginger In Stz Induced

 Diabetic Rat Brain

 Authors : D. Veera Nagendra Kumar, **C. NarasimhaRao,** andU.Srineetha,

Publishers  **:** Jyotikiran Publication, Pune

 Name of the Book : Recent Advances in Humanities, Commerce, Management,

 Engineering, Science & Technology. VolumeNo: I

 Date of Pub. : 30 Sept. 2022,

 ISBN NO : 978-93-94819-13-9

1. Title : Pediatric Asthma: causes and treatment

 Authors : U.Srineetha, D. Veera Nagendra Kumar, **,** and **C. NarasimhaRao**

Publishers  **:** Jyotikiran Publication, Pune

 Name of the Book : Recent Advances in Humanities, Commerce, Management,

 Engineering, Science & Technology. VolumeNo: II

 Date of Pub. : 30 Sept. 2022,

 ISBN NO : 978-9-39-481914-6

**Research Publications**

1. D.Veera Nagendra Kumar, K.Chandra Mohan , G. Seethamma , **C.Narasimha Rao** , U. Sreenitha and M. Rama Mohan (2024) Role of Edible Insects as Food Source: A Review, Indian Journal of Natural Sciences, Vol.14 / Issue 82 / Feb / 2024, Pg No. 67745-67751.
2. Shama Parveen, Anuj Kandwal, **C. Narasimha Rao** and D. Veera Nagendra Kumar (2023) Green Fabrication of Titanium Dioxide Nanoparticles and their Antimcrobial and Anticancer Activities, *Asian Journal of Chemistry; Vol. 35, No. 6 (2023), 1315-1319,* <https://doi.org/10.14233/ajchem.2023.27570>. **Scopus Journal**
3. **Dr C.Narasimha Rao**, Dr U.Srineetha , Dr D.Veera Nagendra Kumar (2023) Influence of Vertebrate Hormones on the Biology of Silkworm, Bombyx mori (L.), International journal of advance and applied research (IJAAR): Vol.4 Issue-11, Pg.19-21. ISSN – 2347-7075. **Peer Reviewed**
4. Dr.U.Srineetha, Dr.D.Veera Nagendra Kumar, **Dr.C.Narasimha Rao (2023)** Fish Health Maintenance in Aquaculture and Prevention and Control of Infectious Disease of Fish, International journal of advance and applied research (IJAAR): Vol.4 Issue-11, Pg.1-5. ISSN – 2347-7075, **Peer Reviewed.**
5. T. Aditya Sai Srinivas, Monika M, Dr. N. Aparna, Keshav Kumar K, **Dr. Narasimha Rao C** and Ramprabhu J, (2023), A Methodology to Predict the Lung Cancer and its Adverse Effects on Patients from an Advanced Correlation Analysis Method, Proceedings of the International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT 2023) IEEE Xplore Part Number: CFP23CV1-ART; ISBN: 978-1-6654-7451-1. **Scopus Journal**
6. D. Veera Nagendra Kumar, **C. Narasimha Rao,** U. Srineeth, C. Nageswara Reddy, P. Sachidevi and S.Prakash Rao (2023) Significant Impact of Ginger Extract on Oxidative stress Markers and Lipid Peroxidation in Diabetic Male Albino Rats, *Biological Forum – An International Journal* 15(1): 412-418(2023), ISSN No. (Print): 0975-1130, ISSN No. (Online): 2249-3239. **UGC CARE Listed (Group -I) Journal**
7. **C. NarasimhaRao,** C. Nageswara Reddy, P. Sachidevi, G. Seethamma and D.Veera Nagendra Kumar (2022) Efficacy Of Bacopa Monnieri On Oxidative Stress And Na+/K+, Ca2+ Atpase activity Against Alcohol Induced Myocardial Damage, International Journal of Food and Nutritional Sciences, *Vol.11, Iss.11, p. 731-736.* e-ISSN 2320 –7876 [www.ijfans.org](http://www.ijfans.org), **UGC CARE Listed (Group -I) Journal**
8. Dr. D. Veera Nagendra Kumar, **Dr. C. Narasimha Rao** , Dr. U. Srineetha , Dr. G. Seethamma , Dr. P. Sachidevi and S. Prakash Rao (2022) Evaluation of Hepatoprotective and Antihyperlipidemic Activity of Bacopa monnieri Against Alcohol Induced Hepatic Toxicity in Rats, *Journal of Xi'an University of Architecture & Technology*, Volume XIV, Issue 12, p. 319-328.
9. **Dr. C. Narasimha Rao** , Dr. U. Srineetha and Dr. D. Veera Nagendra Kumar (2022) Edible insects: Nutritional food source for the growing population, Rabindra Bharati journal of Philosophy, Vol. : XXIII, No:27, p. 105-108. **UGC CARE Listed ( Group -I) Journal,** ISSN : 0973-0087
10. Dr.U.Srineetha, Dr.D.Veera Nagendra Kumar, **Dr.C.Narasimha Rao** (2022) Environmental Protection and Regulation Policy in India, Rabindra Bharati journal of Philosophy, Vol. : XXIII, No:27, p. 105-108. **UGC CARE Listed ( Group -I) Journal,** ISSN : 0973-0087
11. Dr.M.Muniya Naik, A.Jayasankar P.Ramesh Kumar P.Venkata Viswa Prasad Dr.D.Veera Nagendra Kumar, **C.Narasimha Rao**, M.Rama Mohan, V.Uday Kiran, Dr.P.Subramanyam and K. Chandra mohan (2022) Phytochemical Screening of various Health Promoting Components in Red Grape Seed (*Vitis vinifera .*L), Tinospora cordifolia and Phyllanthus emblica fruit extracts, *International Journal of Food and Nutritional Sciences,* Vol.11, Issue .8, p.28-36. **UGC CARE Listed ( Group -I) Journal**
12. **C. Narasimha Rao** (2022) Impact of Environmental Pollution on Insect Biodiversity, Madhya Bharati, Vol- 82 No. 05, p.148-151. ISSN: 0974-0066 **UGC Care List, Group –C (Multi Disciplinary) Sl No. 15**
13. Anil Kumar Yadava, Mrs. Sarika Chhabra Talreja, Kumar Ashwini, Dr. Nisha Rana, **Dr. Chitluri Narasimha Rao**, D. T. Sakhare (2022) Investigation of Various Medical Wastes and its Impact on Environmental Pollution, *International Journal of Health Sciences (IJHS),* *6*(S2), 12381–12392. ISSN 2550-6978 E-ISSN 2550-696X © 2022 DOI: 10.53730/ijhs.v6nS2.8278 **Scopus Journal**
14. **C. Narasimha Rao** (2022) The role of microorganisms in bioremediation for sustainable

environmental management, Shodhasamhita : Journal of Fundamental & Comparative Research,Vol. VIII, No. 1(XXI) : 2022,ISSN: 2277-7067. **UGC Care Approved, Peer Reviewed and Referred Journal**

1. **C. Narasimha Rao**, Effect of Ground water quality on human health in rural areas: A case study through correlation studies (2019). J. of Emerg. Tech. and innovative Research (JETIR) Vol. 6(4): 464-466**. UGC Care list Journal**
2. B. Eswar Naik, C. Narasimha Rao, **C. Narasimha Rao** and P. Venkateswarlu (2019). Spectrophotometric determination of cabargoline using CDNB Reagent. J. of Emerg. Tech. and innovative Research (JETIR) Vol. 6(4): 188-194. **UGC Care list Journal**

1. Muniya naik.M, Jayasankar,A, **Narasimha Rao.C**, Srineetha,U, Sudhakar Reddy,M, Udaykiran,V.,and Sivasankar,R (2017) Toxicity Evaluation of the Organophosphate compound chlorpyrifos on Target and non-target organisms with reference to Mice, Asian Journal of Science and Technology, Vo. l08, issue,09 pp.5793-5802.
2. Savithri .Y, Ravi Sekhar. P, **Narasimha Rao.. C** and Srineetha. U (2016) Toxicity of chlorpyrifos on protease and glutamate dehydrogenase enzyme activities in albino rats, International Journal of Bioassays 5.2:4744-4748.
3. G. Dilli Rani, C. NarasimhaRao, **C. NarasimhaRao**and P.Venkateswarlu (2015) Development and Validation of Ultraviolet-Spectrophotometric Method for the Determination of Tamsulosin, Indian Journal of Advances in Chemical Science 3(4) 323-327.
4. G. Dilli Rani, C. NarasimhaRao, **C. NarasimhaRao,** A. Narayana and P.Venkateswarlu (2015) Sensitive Spectrophotometric Method for the Determination of Prazosin, Indian Journal of Advances in Chemical Science 3(4) 328-332.
5. A. Narayana, C. NarasimhaRao, **C. NarasimhaRao**, K. Sivakumar (2014)Spectrophotometric Determination of Esmolol Hydrochloride Using Analytical Reagents, Indian Journal of Advances in Chemical Science 2(4) 289-293.
6. G. Dilli Rani, C. NarasimhaRao, **C. NarasimhaRao** and P.Venkateswarlu(2014)Spectrophotometric Determination of Phentolamine by Charge Transfer Complex Method, Research Journal of Pharmaceutical, Biological and Chemical Sciences, 5 (5), 495-499.
7. C. NarasimhaRao, K. Balaji, K. Subbarayudu**C. NarasimhaRao,** D. Ramachandran and P.Venkateswarlu (2011) Quantitative determination of acyclovir based on electrochemical response, Research and Reviews in Electrochemistry, 5-8.
8. C. NarasimhaRao, K. Subbarayudu**C. NarasimhaRao** and P.Venkateswarlu(2010) Electrochemical Reduction behaviour of Donepezil at β-Cyclodextrin Modified Carbon Paste Electrode PortugaliaeElectrochimicaActa, 28 (5) 349-35
9. S. Rajendra Prasad, C. sreedevi, C. Narasimha Rao, A. Nagarjuna and P. Jacob Doss (2009). Impact of chloropyrifos on Protein metabolism of albino rats. Indian Journal of Environmental Sciences: 13(1): 33-36.
10. S. Rajendra Prasad, A. Nagarjuna, s. Siraj mohiyuddin, **C. Narasimha Rao**, S. Kishore and P. Jacob Doss. Assessment of Beharioral tolerance during the repeated exposure of chloropyrifos in albino rats. Indian Journal of comparative animal Physiology. 25(1):25-32.
11. **C. NarasimhaRao**, S.Rajendra Prasad And P. Jacob Doss (2009) Effect of corticosterone on silkworm larvae, Bombyxmori with special reference to economic parameters, Biosciences, Biotechnology Research Asia, 6(1), 413-415.
12. C. NarasimaRao, K. Balaji, **C. NarasimhaRao** and P.Venkateswarlu(2009) Polarographic Reduction of Pralidoxime and Obidoxime at Hanging Mercury Drop Electrode, Current World Environment, 4 (1) 133-136
13. C. NarasimhaRao, K. Balaji, **C. NarasimhaRao** and P. Venkateswarlu(2009) Determination of Azathioprine and Rocuroniun in biological fluid samples by voltammetry, Biomedical & Pharmacology Journal, 2 (1) 117-121.
14. C. NarasimhaRao, K. Balaji, **C. NarasimhaRao** and P. Venkateswarlu(2009) Determination of Azathioprine and Rocuroniun in biological fluid samples by voltammetry, Biomedical & Pharmacology Journal, Vol. 2. No.( 1)117-12
15. C. NarasimhaRao, K. Balaji, **C. NarasimhaRao** and P. Venkateswarlu(2009), Electroanalysis of Nalmefene and its determination in pharmaceutical formulations and biological fluid samples, Biomedical & pharmacology Journal, 2 (1) 169-172.
16. C. NarasimhaRao, G. Madhavi, **C. NarasimhaRao** and P. Venkateswarlu(2009) Electrochemical Behavior of Anagrelide and its determination, Oriental Journal of Chemistry, 25 (2) 425-428.
17. C. NarasimhaRao, M. Suman, **C. NarasimhaRao** and P.Venkateswarlu (2008), Volta metric determination of doxepin using chemically modified electrodes, Material Sciences Research India, 5 (2) 383 – 390.
18. C. NarasimhaRao, K. Balaji, **C. NarasimhaRao** and P. Venkateswarlu(2008) Electro analysis of Ranitidine (RAN) in pharmaceutical formulations and biological sample at modified electrodes, Material Sciences Research India, 5 (2) 305-312.
19. **C. NarasimhaRao**, S. Rajendra Prasad, P.RaviSekhar, Y. Savithri and Jacob Doss (2007) Impact of corticosterone on Carbohydrate Metabolism of Silkworm Larvae, Bombyxmori J. Natcon 19(2): 333-338.

**Papers Presented**

1. Participated and presented a research paper entitled **“Environmental Pollution and Insect Biodiversity: A Comprehensive Review”** in the National Seminar on "Biosustainability: Concerns and Challenges" on 12th & 13th December 2023 organized by Biodiversity club and Department of Botany, Vimala College (Autonomous), Thrissur, Kerala, supported by Kerala State Biodiversity Board, Government of Kerala, Thiruvananthapuram.
2. Participated and delivering a lecture on **“Child Rights and Legal Protection in India”** as **Guest Speaker** at One day International Seminar on UN World Children’s Day 2023 on “For every Child, Every Right” Organized by ICERT on Nov 20, 2023.
3. Participated and presented a research paper entitled **“Heavy Metal Pollution and Its Effects on Insect Biology: A Comprehensive Review”** during ‘International Scientific Research Conference’ dated 23 – 24 September, 2023. (Online Mode), Jointly organized by International Scientific Research Association Chreso University, Zambia Research Culture Society & Institute of Science and Technology, Eurasian University. Certificate Ref.No: ISRC2023/CPP/008
4. Participated and presented a research paper entitled “**Removal of Nickel from aqueous solutions using Pongamia pinnata bark powder as biosorbent”** during All India Seminar on “ Recycle and Reuse of Waste Water” organized by Rajshree Institute of Management and Technology, Bareilly, The Institute of Engineers, India, Under the aegis of Environmental Engineering Division (IEE) on 17-18, Oct 2022.
5. Participated and presented a research paper entitled “**Bioremediation: An effective biotechnological application for sustainable Environmental Management” in** Department of Bio-Technology **(DBT)**, Ministry of Science & Technology, Government of India sponsored National Webinar on “***Emerging Areas of Biotechnology”***, organized by Department of Biotechnology, KVR Government College for Women (A), Cluster University, Kurnool, Andhra Pradesh on **15.10.2022**
6. Participated and presented a research paper entitled “**Pediatric Asthma: causes and treatment”** during One Day Multidisciplinary International e-Conference on ‘Recent Advances in Humanities, Commerce, Management, Engineering, Science & Technology’ Jointly Organized by the College of Arts, Bhigwan, Maharashtra and, Dattakala Group of Institutions, Maharashtra and, Rangapara College, Amaribari, Assam In collaboration with Global Foundation, Solapur (MS), India on Tuesday, 20th September 2022.
7. Participated and presented a research paper entitled **“Amelioration Of Altered Antioxidants Status By Ginger In Stz Induced Diabetic Rat brain”** during One Day Multidisciplinary International e-Conference on ‘Recent Advances in Humanities, Commerce, Management, Engineering, Science & Technology’ Jointly Organized by the College of Arts, Bhigwan, Maharashtra and, Dattakala Group of Institutions, Maharashtra and, Rangapara College, Amaribari, Assam In collaboration with Global Foundation, Solapur (MS), India on Tuesday, 20th September 2022.
8. Participated and presented a research paper entitled **“Nanotechnology For Sustainable Development Of Fisheries And Aquaculture”** during One Day Multidisciplinary International e-Conference on ‘Recent Advances in Humanities, Commerce, Management, Engineering, Science & Technology’ Jointly Organized by the College of Arts, Bhigwan, Maharashtra and, Dattakala Group of Institutions, Maharashtra and, Rangapara College, Amaribari, Assam In collaboration with Global Foundation, Solapur (MS), India on Tuesday, 20th September 2022.
9. Participated and presented a research paper entitled **“Impact of intensive agriculture practices on biodiversity”** during the International Conference on Multidisciplinary Approach Towards Sustainable Development and Climate Change for a Viable Future (ICMSDC-2022) by Raj Rishi Govt. Autonomous College Alwar-301001, Rajasthan, India, 12th – 14th August 2022.
10. Participated and presented a research paper entitled **“Bioremediation: An Effective Tool for Sustainable Environmental Management”** during One Day International Conference on “Recent Trends in Science and Technology” organized by Willingdon College, Sangli, Maharastra, India, on 29th June 2022.

One Day International Conference on “Recent Trends in Science and Technology”

1. Participated and presented a research paper entitled “**Importance of Insect Biodiversity and their Conservation”** at Two Days Multidisciplinary International Web Conference on “transformations in Education, Languages, Social sciences, Science and Technology” jointly organized by International Council for Education, Research and Training (ICERT) and Fateh Chand College for Women (Lahore) Hissor, India held during **January, 22-23, 2022,**
2. Participated and presented a research paper entitled “**Importance of Invertebrates and their Conservation”** during the National Symposium cum Workshop organized by Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh, in blended mode from **21st -22nd February, 2022**.
3. Participated and presented a research paper entitled **“A study on the jerdon's cursor, critically endangered species of Andhra Pradesh”** during the National Symposium cum Workshop organized by Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh, in blended mode from 21st -22nd February, 2022.
4. Participated and presented a research paper entitled **“The role of microorganisms in bioremediation for sustainable environmental management”** at Two Days Multidisciplinary International Web Conference on “Emerging trends and challenges in Humanities, Education and Social Sciences” jointly organized by International Council for Education, Research and Training (ICERT) and Central University of Haryana, India held during March, 26-27, 2022.
5. Participated and presented a research paper entitled **“Novel anticancer agents from plant source: A green anticancer approach”** at national conference on “Cancer biology and therapeutics (CBT-2022)” organized by the department of zoology, Patherkandi, Karimganji, Assam in collaboration with department of zoology, PDUAM, Karimganji, Assam, India, held during May, 30-31, 2022.
6. Participated and presented a research paper entitled **“Bioremediation: An Effective Tool for Sustainable Environmental Management”** during One Day International Conference on“Recent Trends in Science and Technology” organized by Willingdon College, Sangli, Mharastra held on 29th June 2022.

**FDP**

1. Participated in **International Short Term Training Programme-3** on “Contrivance of Sustainable Development Goals (SDGs) for Environmental Conservation” organized by Raj Rishi Govt. Autonomous College from 24th -30th June 2022.
2. Participated in **A five day Faculty Development Programme** (FDP) on “Teaching Learning and Research pedagogy for Excellence in Education” IQAC, St Joseph’s college (Arts & Science), from 20-09-2021to 24-09-2021.
3. Participated in **A five day Faculty Development Programme** (FDP) on “LMS Video and Pedagogy”, Commissioner of Collegiate Education, A.P, Vijayawada, from 03-08-2020 to 07-08-2020.
4. Participated in **A six day Faculty Development Programme** (FDP) on “Educationl Video Creation i.e. E-Content Developmentfor Teachers”, Dept. of Mathematics, Statistics and IQAC, Rajarshi Chhatrapati Shahu College, Kolhapur, 22-07-2020 to 27-07-2020.
5. Participated in **A five day Faculty Development Programme** (FDP) on “New Knowledge in Animal Sciences- Emerging technologies in Molecular Biology”, Commissioner of Collegiate Education, A.P, Vijayawada, from 06-07-2020 to 10-07-2020
6. Participated in **10 day National level Online Multi- Disciplinary** **short term course on “MOOCs, Creation of E-Content Development and OERs”, IQAC,** Govt. First Grade College, KR Puram, Bangalore, Karnataka, 05-07-2020 to 14-07-2020.
7. Participated in “ **Two day** **Faculty Development Programme on “E-Learning Management System”, YV University, Kadapa, A.P., 29-06-2020 to 01-07-2020.**
8. Participated in **One Week National level Faculty Development Programme and online training on “Moodle Learning Management System”,** JNTUH ollege of Engineering College, Sultanpur, Sangareddy dist. T.S., In Association with Spoken Tutorial project IIT Bombay, 10-06-2020 to 15-06-2020.
9. Participated in **National level One Week online Faculty Development Programme on “SciLab – Computational Software”, Govt. Degree College for Women(A), Begumpet, Hyderabad, T.S.,** In collaboration with Spoken Tutorial project IIT Bombay, 08-06-2020 to 13-06-2020.
10. Participated in “ **Two day** **Faculty Development Programme** “**ICT A Novel Means to Fortify the Faculty in Life Sciences”**, Aurora’s Degree College, Hyderabad, T.S, 8-06-2020 -09-06-2020.
11. Participated in **One Week Online Multi- Disciplinary** **Faculty Development Programme on “MOOCs, E-Content Development and OER”,** Govt. First Grade College, Hungund, Karnataka, 28-05-2020 to 03-06-2020.
12. Participated in **One Week International level Faculty Development Programme “Technology Assisted Teaching and Virtual Learning through ICT tools”,** SBVR Degree and PG College, Badvel, Kdapa dist., A.P., 25-05-2020 to 30-05-2020.
13. Participated in **One Week International level Faculty Development Programme** on “ ICT Tools for Effective Teaching Learning”, School of Mathematical Sciences, Swami Ramananda Teerth Marathwada University, Nanded., 11-05-2020 to 16-05-2020.
14. Participated in **National level Two day** **Faculty Development Programme** **“ Open Learning with Open Online Tools”,**  Govt. College (A), Rajahmundry, A.P., 03-05-2020 to 04-05-2020.
15. Participated in One Week **Faculty Development Programme** (FDP) on “ Outcome Based Education(OBE)”, Kurnool from 6th to 11th May 2019, IIITDM, Kurnool, A.P.

**Other Training Programmes completed**

1. Completed **“One month Common Yoga Protocol Training Course”** from May, 21st to June 21st 2022 at department of Yoga, DCPE, HVPM, Amravati, Maharashtra.
2. Participated in the 3 day district level training programme for lecturers on **“A Foundation Course in Human Values and Professional Ethics”** from 25.08.2014 to 27.08.2014, Govt. College for men (A), Kadapa, A.P.

# Attended **Induction Training Programme** from 2.5.2012 to 7.5.2012 at UGC Academic Staff College, Andhra University, Visakhapatnam.

**Attended Conferences/Seminars/ Symposium**

1. National Workshop on “Fish Disease and Health Management in Aquaculture- FDHMA-2020”, 31ST January, Dept. of Zoology, Yogi Vemana University, Kadapa, A.P.
2. Hands –on Training Programme on “Diagnostic Techniques in Aqua Animal Health Management”, 13th to 15th May, 2019, College of Fishery Science, Muthukur, Nellore Dist, A.P.
3. Workshop on “Modern Techniques in Molecular Biology”, 31st May to 6th JUNE, Dept of Zoology, SVU, Tirupati, A.P.
4. Global educational conference, 24th to 26th May 2019, Sathya Sai Grama, Muddenahalli, Karnataka.
5. Workshop on “Sensitizing higher education institutions to promote quality assurance for nation building – opportunities and challenges”, 9th and 10th November, 2019, SVU College of Engineering , Tirupati, A.P.
6. Special Workshop on ‘Value Education’ 9th to 11th August, 2019, Ramakrishna Mission, Kadapa, A.P.
7. State level Training Programme on “Learning Management System”, 12th September, 2019, ICONMA Professional Services and Solutions Pvt. Ltd. and State Project Director, RUSA , A.P.
8. National seminar on “Role of Chemistry in Nanotechnology, 13th and 14th March, 2019, S.V.Arts College, Tirupati, A.P.
9. National seminar on “Emerging trends and opportunities in chemical sciences & Biotechnology, 4th and 5th January, 2019, Dept. of Biotechnology and Chemistry, Govt. College(A), Anantapuramu, A.P.
10. National seminar on “ Recent Advances in Materials and Chemical Sciences”(RAMCS-2019), 28TH March, 2019, Dept. of Chemistry, S.V.University, Tirupati, A.P.
11. Special Workshop on ‘Value Education’ 10th to 12th August, 2018, Ramakrishna Mission, Kadapa, A.P.
12. International Conference in Chemistry, iConChem, 2018, 24th to 26th May,2018,IISER, Tirupati, A.P.
13. UGC Sponsored National seminar on Bioethics for the new Millennium, 15th & 16th September 2017, Dept. of Zoology, D.K.Govt. College for Women (A), Nellore, A.P.
14. Science Academies Lecture Workshop on Trends in Conservation of Biodiversity, 24th & 25th August 2017, Dept. of Botany, PVKN Govt. college, Chittoor, A.P.
15. National Lecture cum practical workshop on New Horizons in Exercise and Health, 4th and 5th August 2017, Dept. of Zoology, S.V. University, Tirupati, A.P.
16. Science Academies Lecture Workshop on Recent trends in Plant taxonomy and Biodiversity & Conservation, 12-13 july 2017, Dept. of Botany, GDC Men(A), Kadapa, A.P.
17. National seminar on Insect Biology and conservation management on 14-15th March 2017 organized by department of Zoology, Y. V. University, Kadapa.
18. National seminar on Advanced trends in Material sciences, on 10th March 2017 organized by department of Physics , GDC Men(A), Kadapa, A.P.
19. Workshop on Biotechnology Ignition Grant(BIG) on 31-01-2017 at Office of CCE, Vijayawada, A.P.
20. National seminar on Modern trends in Chemistry Research on 27-28th January 2017, Dept. of Chemistry, Govt. college for Men(A), Kadapa, A.P.
21. National seminar on “wild life conservation-Endangered species” on 20-21st January 2017,Dept. of Zoology, Govt. college for Men(A), Kadapa.
22. Indian Science Congress association from 3 to 7 January, at Sri Venkateswara university, Tirupati
23. National workshop on “English Language and literature- A synchrony’’ on 29-30 December 2016 at Govt. college for Men(a), Kadapa, A.P.
24. National seminar on Make in India- initiative a swot Analysis on 22nd - 23rd 2016 at Govt. college (A), Ananthapuramu.
25. One day National workshop on “Happiness initiative for youth empowerment” on 7th December 2016 organized by Department Resource Centre, Govt. college for men(A), Kadapa, A.P.
26. National seminar on Recent Trends in Nanotechnology and Aquaculture Technologies held on 18th &19th August, 2016 organized by department of Aquaculture, S. V. University, Tirupati.
27. ICSSR sponsored International Conference on Human Trafficking in Asian Countries: Dynamics and dimensions held on 10-12 August, 2016 at Govt. College (UG&PG:Autonomous), Anantapuramu, A.P.
28. UGC – SERO Sponsored National Seminar on Human values and professional ethics, Value education cell, Loyola Degree college, Pulivendula from 24th to 26th January 2016.
29. A one-day National Symposium on Prospects & Potentials in Medicinal & Aromatic plants, Dept. of Botany, Govt. College (UG&PG), Ananthapuramu in collaboration with Science Tech Foundation, Bengaluru, on 19th December 2015.
30. State level seminar on Quality Enhancement in Govt. Degree colleges – Role of teachers, GCGTA, AP, held at Dr. B.R. Ambedkar Assembly hall, Andhra University, Visakhapatnam on 10th October, 2015.
31. National Seminar on Socio-economic factors influencing- Environmental Pollution, Biodiversity & Sustainable Development, Dept. of History, Govt. Degree College, Nagari, A.P., India, 25.7.2015-26.7.2015.
32. National Seminar on Molecular and Genetics basis of Neurological Disorders, Dept.of ZoologySri VSSC Govt. Degree College, SullurpetaNellore Dist. A.P, INDIA, 19.12.2014-20.12.2014.
33. National Seminar on Recent Trends in Life Sciences 2014, Dept.of Zoology, Sri VSSC Govt. Degree College, Sullurpeta, Nellore Dist. A.P, INDIA.7.08.2014 – 8.08.2014.
34. National Conference on Biodiversity, Environment Hazards – Therapeutic approaches and Drug Design, Dept.of Zoology, Govt. Degree College for Women, Srikalahasthi, A.P, INDIA, 26.07.2014 –27.07.2014.
35. National Seminar on Medicinal plants and its conservation, Department of Botany, Govt. Degree College, Porumamilla, YSR Dist. A.P, INDIA, 21.08.2014-22.08.2014.
36. International Symposium on Environmental pollution, Nutrition & Genetics andCancer Biology & Therapeutics, Department of Chemstry, VikramaSimhapuri University, Nellore, A.P., India and UNT Health Science Center, Fortworth, Texas, USA, 27.12.2013-29.12.2013.
37. 5th Congress of Federation of Indian Physiological Societies on Physiology, Ethnopharmacology, Biotechnology and Health Therapeutics, Dept.of Zoology, Sri Venkateswara University, Tirupati, A.P, INDIA, 17.12.2013-19.12.2013.
38. International Conference on Anthropogenic Impact on Environment and Bioremidation ICAIEB-2012, Dept.of Zoology, Sri Venkateswara University, Tirupati, A.P, INDIA, 26.11.2012-28.11.2012.
39. National Seminar on Emerging Trends in Aquaculture: Challenges and Opportunities-2012, Dept. of Fishery Science and Aquaculture, Sri Venkateswara University, Tirupati, A.P, INDIA, 30.8.2012-31.8.2012.
40. Environmental Impacts, Health implications and Therapeutic approaches AndA Special Symposium On Water Quality AndAqutic Biotechnology, Vikramasimhapuri, University, Nellore A.P, INDIA,15.7.2012 – 17.7.2012.
41. International Symposium on Environmental Pollution Ecology and Human Health, Dept.of Zoology, Sri Venkateswara University, Tirupati, A.P, INDIA, 25.7.2009-27.7.2009.
42. International Seminar on Medicinal plants and Herbal Products, Dept. of Botany, Sri Venkateswara University, Tirupati, A.P, INDIA, 7.3.2008-9.3.2008.
43. International Conference on Trends in Seribiotechnology, Dept. of Sericulture, S.K. University, Anantapur, 27.3.2008-29.3.2008.
44. National Seminar on Recent Research Trends in Synthetic organic and Natural Products Chemistry, Dept.ofChemisry, Sri Venkateswara University, Tirupati, A.P, INDIA, 25.2.2008-26.2.2008.

**WEBINARS**

1. Participated in DBT New Delhi Sponsored **National Seminar** on **Capacity Building In Genomics &Proteomics - An Interdisciplinary Approach**, conducted by Department of Biotechnology & Science Association, Government Degree College (Men), Srikakulam held on 29th, 30th & 31st May 2022.
2. Participated and **presented** a research paper at “ Two day multidisciplinary web conference on “ Emerging trends& Challenges in Humanities, Education and Social Sciences”, International Council for Educational Research and Training (ICERT) and School of Education, Central University of Haryana, India, 26-03-2022 and 27-03-2022.
3. Participated and **presented** a research paper at National symposium cum Workshop on “Biodiversity and its Utilization and Conservation in Central India ”, Guru Ghasidas Vishwavidyalaya,(A Central University), Bilaspur, Chhattisgarh  India, 21-02-2022 and 22-02-2022.
4. Participated and **presented** a research paper at “ Two day multidisciplinary web conference on “ Transformation in Education, Languages, Social Sciences Science and Technology”, International Council for Educational Research and Training (ICERT) and Feteh Chand College for Women, (Lahore) Hissar, India, 22-01-2022 and 23-01-2022.
5. Participated in **International** Conference on Multidisciplinary aspects of Environment and Sustainable Development organized by Raj Rishi Govt. Autonomous College from 15 th -18th Dec, 2021.
6. Participated in International Webinar on “ Conservation Importance of lesser known ecosystem”, Biodiversity Conservation Foundation, India, 18 -12-2020.
7. Participated in International Webinar on “ An Overview of knowledge gap in wildlife policy making and Education ”, Biodiversity Conservation Foundation, India, 13 -12-2020.
8. Participated in International Webinar on “ Here Be Dragons! Planning for land cover and Climate Change Threats to plants”, Biodiversity Conservation Foundation, India, 06-12-2020.
9. Participated in International Webinar on “Infectious Viral Diseases & Vaccines or Remedial Concepts”, SG Govt. Degree &PG College, PILER, A.P., 17-08-2020.
10. Participated in a National Webinar Series on “Digital Content Creation for Social Media”, Bombay Teachers’ Training College & Thadomal Shahani Engineering College, 06-07-2020 to 11-07-2020.
11. Participated in National Webinar entitled “ Impact of COVID-19 PANDEMIC ON Environmental and Future Prospects”, Dept. of Zoology, NREC College, Khurja, U.P. 21-06-2020.
12. Participated in International Webinar on “ Applications of Biotechnology In Advanced Research- ABAR-2020”, PR Govt.College(A), Rajamahendravaram, A.P., 20-06-2020.
13. Participated in International Webinar on “Current trends in Life sciences”, Dept of Biosciences and Sericulture, Sri Padmavati Mahila Viswavidyalayam, Tirupati, A.P., 10-06-2020.
14. Participated in Online Course on “Time for Nature”, International Youth Society, Tuticorin Chaptre, 05-06-2020.
15. Participated in “ A three day International Webinar series on Herbal Remedies & COVOD-19, Dept. of Pharmacognosy, Hindu College of Pharmacy, 28-06-2020 to 30-06-2020.
16. Participated in online workshop on “Research Methodology” tuning your skills in research proposals, EAST (Environmental Advisory for Sustainability) in association with Sri YN college, Narsapur, East Godavari dist. A.P., 28-05-2020 TO 29-05-2020.
17. Participated in Webinar on “Nutrition – Immune Booster to fight against viral infections”, Dept. of Nutrition & Dietetics, Ch.S.D.St. College for Women(A), Eluru, T.N., 02-06-2020.
18. Participated in Webinar on “ A Paradigm Shift in the post Covid World”, Dept of Zoology, P.R. Govt. College, Kakinada, A.P., 31-05-2020.
19. Participated in National level online Quiz on Science in Everyday life, Dept. of Chemistry, Erode Arts and Science College(A), ERODE, T.N., 24-05-2020.
20. Participated in National Webinar on “Post-Lockdown Academic Challenges in Hogher Education Institutions”, IQAC, Govt. College for Women(A), Guntur, A.P., 28-05-2020.
21. Participated in International Webinar on “Post covid 19 scenario on educational system”, Dept. of Botany and Zoology, SVSSC Govt. Degree College, Sullurpet, Nellore dist. A.P., 29-05-2020.
22. Participated in International Webinar on “Awareness and Readiness of COVID-19. Dept. of Botany and Zoology, Ch.S.D.St. College for Women(A), Eluru, T.N., 26-05-2020.,
23. Participated in National Webinar on “ Diagnostic Techniques for Virus Detection”, Dept. of Botany and Zoology, SCNR Govt. Degree College, Proddatur, A.P., 14-05-2020.
24. Participated in National Webinar on “Role of ICT in Smart Teaching and Scientific Writing., Govt. College (A), Rajahmundry, A.P., 02-05-2020.