

BIO - DATA

Department: Microbiology

Name of the Lecturer: Dr.C.Madhavi

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Recent Passport Size Photograph (High Resolution)

Educational Qualifications: M.Sc; Ph.D , SLET

Teaching/Professional Experience: 14 years

Brief Biodata/Profile (100–150 words):

Publications :

- Crude oil biodegradation by microbial formulation with reference to *Aspergillus Versicolor* of Journal Chemical and Pharmaceutical Sciences ISSN: 0974-2115 ,JCHPS Special Issue 3: October 2014 www.jchps.com Page 36 -38.
- Alginate immobilization of Azospirillum for sustainable agriculture. Journal of studies in Agricultural,Biological,and Environmental Sciences ,ISSN:2394-2606 JABE Special Issue www.jabe.in VOL.1.S1.2014 December 2014.
- Enumeration of Escherichia coli in Selected Rural Ground Water Supplies in Andhra Pradesh, *Trends in Biosciences* , Print : ISSN 0974-8, 2625-2630, 2015 ,8(10),2015.
- A Review on the effective microorganisms technology in waste water treatment ,International Science Congress Association---ISBN: 978-93-84659-06-6, Volume, issue :(06-6, 2015).
- A review on biodiversity degradation in fresh water, International Science Congress Association,ISBN: 978-93-84659-06-6, Volume, issue :(06-6, 2015).
- Management of Organic Wastes through Composting for Sustainable Development - A Short Communication,Advances in Life Sciences(International) *Print : ISSN 2278-3849, 8082-8084, 5 (18), September 2016*
- Effectiveness of probiotics on human health –an overview. ISSN:2348-7666.VOLUME-3,ISSUE 9(4),SEPTEMBER2016.
- Microbial fuel cells for sustainable water resources management,Journal of advanced studies in Agricultural, Biological and Environmental sciences (International Journal) ISSN: 2455-0221(P: 2394-2606(0) Volume4.,SI.,2017(January).
- Potential Application of Real Time Micro PCR Technique for the Detection of Influenza A (H1N1) *Trends in Biosciences (An International Journal)10(38), Print : ISSN 0974-8431, 7974-7979, 2017. Volume 10 ,Number 38,October 2017,7974-7979*
- Prevalence Of Hepatitis B And C In Patients - A Laboratory Based Study In Urban Areas Of Andhra Pradesh ,**National Journal of Life Science, Vol. 14(2) 2017 : 00-00**, ISSN : 0972-995X (Print), 2321-7960 (Online), **Vol. 14(2) 2017 : 00-00** ISSN : 0972-995X (Print), 2321-7960 (Online).

- Blends of Biodegradable Polymers and evaluation of their applications , International Journal of Advanced Scientific Technologies in Engineering and Management Sciences , (IJASTEMS-ISSN: 2454-356X), Volume.4,Issue.10.Octomber,2018.
- A study on the effect of temperature in effluent treatment plants, *Cross Current Int J Med Biosci*, ISSN: 2663-2446 , Volume-1 | Issue-6 | Dec-2019. \
- Characterization of pigments produced by *Cercospora Personata*, Volume-5 | Issue-1 | May-Jun, 2023 |Page -24-29,Cross Current International Journal of Medical and Biosciences,ISSN: 2663-2446 (Print) & Open Access, 28.06.2023
- THE RISE OF ANTIMICROBIAL RESISTANCE IN 2023: A GLOBAL AND INDIAN HEALTHCARE PERSPECTIVE""- A SHORT COMMUNICATION"
C.Madhavi Microbiology International Journal of Research - GRANTHAALAYAH September 2024 Volume 12(9), 87–91 "ISSN (Online): 2350-0530-ISSN (Print): 2394-3629"
- A Comprehensive Review of Statistical Methods in Microbiology and epidemiology: A Data-Driven Approach C.Madhavi Microbiology International Journal For Multidisciplinary Research Volume 6, Issue 5, September-October 2024 "E-ISSN: 2582-2160-Impact Factor: 9.24"
- "ASSESSING FUNGAL TOXIN SENSITIVITY IN PLANT-BASED PRODUCTS: AN INVITRO APPROACH USING LYMPHOCYTE AND CYTOTOXICITY ASSAYS -""International Journal of Development Research "Vol. 14, Issue,10, pp. 66902-66904, October, 2024" ISSN: 2230-9926-2025-26
- A Statistical Framework for Predicting ESBL Phenotypes in Clinical Isolates Using Logistic Regression-GOYA JOURNAL Volume 19 , Issue 02 , February 2026-ISSN NO – 0017-2715 -Scopus Active – UGC – CARE GROUP – 2 JOURNAL.

Seminar/ conference papers:

- Phytodegradation an emerging technology--- National Seminar on 30th Nov and 1st Dec 2012 .GCW, Guntur.
- Study of an Eco friendly technique in wastewater..... National conference on”27th -28th Sept, 2013, GCW, Guntur.
- In vitro studies on certain plants extracts for antimicrobial activity. National conference Andhra Loyola College, Vijayawada on 27th -28th January, 2014.
- Crude oil Biodegradation by microbial formulations ...National seminar on 17th-18th Oct, 2014 GCW, Guntur.
- Poly- β -hydroxybutyrate - a potential biomaterial production by *Bacillus cereus* National seminar on advanced analytical techniques, 22nd August 22, 2015 college of pharmacy ,chinnatekuru,kurnool
- Screening of Microbial consortia of effective in National seminar title Swachh Bharat-Role of Society..Silver jubilee college, Kurnool on 11-12-15.
- Bio remediation of rubber waste... Two day national seminar on 16th, 17th September 2016... SRR&CVR GOVT.DEGREE COLLEGE –VIJAYAWADA.

- Nanoparticles in drug delivery system for cancer detection and treatment.... 9th-10th
December 2016... National seminar on cancer biology..Silver Jubilee College, Kurnool.
- Biological Degradation of plastics in National seminar, GDC (W), GUNTUR on 24th-25th January 2017.
- A review of the technological challenges on microalgae as biofuels in UGC Sponsored National Seminar On Emerging Trends in Harnessing Green Energy, School of sciences, 28th February-1st March 2018 ,Govt.Degree College,Uravakonda,Ananthapur.
- UGC Sponsored National Seminar on Role of women on contemporary issues and challenges-national perspective,Women Empowerment Cell,Government Degree College (A),Anantapur on 6th & 7th February ,2018.
- UGC Sponsored National Work shop on Role of women Entrepreneurship(NWWE-2017) by Women Empowerment Cell,SSBN Degree college on. 22nd-23rd December 2017.
- UGC Sponsored National conference on Academia Digital Transformation(NCADT-2017by IQAC ,SSBN Degree college,Ananthapur on 15th-16th December 2017.
- UGC Sponsored National Seminar on Emerging Trends in Harnessing Green Energy, School of sciences,Govt.Degree College, Uravakonda,Ananthapur on 28th February-1st March 2018.
- JOINT SCIENCE EDUCATION PANEL SPONSORED LECTURE WORK SHOP
Department of zoology SSBN Degree college,Ananthapur on 25th and 26th July 2018.
- UGC sponsored National seminar on Emerging trends and opportunities in Chemical sciences & biotechnology, Government Degree College (A),Anantapur on 4th & 5th January, 2019.
- National seminar on Emerging Trends In Chemicalmaterial And Environmental Sciences organized by Dept. of Chemistry,Govt.Degree college, Puttur,Chittoor on 27 th SEPTEMBER 2019.
- National seminar on Digital initiatives for higher education,GDC (A),Anantapur on 4th and 5th January 2020.
- One Day National Webinar on “Cognitive decline in Alzheimer's disease and Parkinson's disease” on 10th June 2020 by the Department of Zoology & IQAC.
- One day Webinar on “BIODIVERSITY CONSERVATION DURING COVID-19” organized by Department of Botany(U.G & P.G),Andhra Loyola College ,Vijayawada held on 13 June 2020.
- One Day Online Workshop on "Online Assessment Tools & Techniques" by Internal Quality Assurance Cell (IQAC) & Jawahar Knowledge Centre(JKC), DS Govt Degree College for Women, Ongole, Prakasam District, on 12-06-2021 .
- One Day National webinar on reproductive choice of women a fundamental right on 25-11-2021 by JMJ College for women (A),Tenali, Guntur.

- One day webinar on Intellectual property rights On March 4th 2022 by Govt.College(A),Anantapur
- UGC-SPONSORED WORKSHOP ON NEP-2020 on Good Academic Research Practices conducted on 27-06-2022 conducted by HUMAN RESOURCE DEVELOPMENT CENTRE
SRI VENKATESWARA UNIVERSITY, TIRUPATI .
- UGC-SPONSORED WORKSHOP ON NEP-2020 on Technology Use and Integration conducted on 27-06-2022 by HUMAN RESOURCE DEVELOPMENT CENTRE
SRI VENKATESWARA UNIVERSITY, TIRUPATI .
- Participated in one day International webinar on New trends and approaches conducted by Department of Zoology on 22/10/22 at GDC(A),Anantapur
- Participated in the two day workshop on learning management system and innovative pedagogies from 28/12/22 to 29/12/22 organized by CCE,AP
- A two-day International Webinar-Research Methodology in Environmental Sciences- Organized by IQAC on 31-01-2024. Y.V.N.R GOVERNMENT DEGREE COLLEGE, KAIKALURU, ELURU DIST., A.P.

Refresher courses:

- Refresher course in JNTU, Hyderabad on Recent advances in biotechnology from 05-11-2012 to 26-11-2012.
- Refresher course in life sciences - UGC-HRDC Sri Venkateswara University, Tirupati
from 12-11-2018 to 01-12-2018 .
- ANNUAL REFRESHER PROGRAMME IN TEACHING(ARPIT) CLIMATE CHANGE : A GUIDE FOR TEACHERS OF ALL DISCIPLINES Exam date : 16 Feb 2020 conducted by National testing agency/ NTA under Moocs platform Swayam .
- UGC, HRDC -sponsored two week on line REFRESHER COURSE in life sciences in SVU, Tirupati from 24-02-21 to 09-03-21.

Orientation courses:

- Orientation course in HOU from Feb 26th to March 25th 2015.

Trainings undergone:

Faculty Development Programmes:

- Three day residential training by APHRDI, Bapatla on IOT on agriculture and allied sectors from 21/8/2017 - 23/8/2017. Organized by Commissionerate of collegiate Education, A.P
- 5 day Faculty Development Programme in LMS video and Pedagogy on the theme of “ imagining & shaping of Digital Education & LMS towards development High Quality e –content : Video making –APP based end to end Editing tools , Open educational resources (OER).OBS studio , Pedagogy and Assessment “ from 3rd August 2020 to 7th August 2020. Organized by Commissionerate of collegiate Education, A.P

- 5 day Faculty Development Programme in Biosciences on the theme of Lab to people: Theory to Practice pursuing innovations in Biosciences” from 7th to 11th September, 2020. Organized by Commissionerate of collegiate Education,A.P
- 6 day training of the trainer program(TOT) English medium of instruction,proficiency in English from 05.06.2023 to 10.06.2023 at NRC,Govt.College(A),Anantapur : organized by Commissionerate of collegiate Education,A.P,Mangalagiri
- Attended 2 day work shop on learning management system and innovative pedagogies from 28-12-22 to 29-12-22 at ANU,Guntur. Organized by Commissionerate of collegiate Education,A.P,Mangalagiri.
- Attended three days Training Programme on Internship and LMS held at Nodal Resource Center, Govt College (Autonomous), Anantapuramu from 02.02.2023 to 04.02.2023
- Participated in the 6 day training of the trainers programme (TOT)on English medium of instructions,proficiency in English from 5/6/23 to 10/6/23 at GDC (A) ,NRC Anantapur organized by CCE,AP
- Participated in the one day training of the trainers programme (TOT) on UNESCO MGIEP SEEK AND SELL certificate course from 24/1/24 at GDC (A),NRC Anantapur organized by CCE,AP
- Completed a course of study On Environmental protection and sustainability offered by IsraelX, an online edx course a learning initiative of IsraelX.

Resource person:

- Attended as the jury member in District level inspire talent exhibition, Guntur.
- Attended as the resource person for college level seminar in Sankara^s Degree College, Kurnool.
- Attended as the jury member in District level inspire talent exhibition, Guntur
- Delivered guest lecture in KSN GDC(W)(A) Anantapuramu on 12-10-22
- Attended as JUDGE for Science fair -conducted by Department of Botany ,GDC(A) Anantapuramu on 24-10-24
- Attended as JUDGE for District level Future on (Science fair) 2024 -conducted by APSWREI, Korrapadu, Anantapuramu District on 24-10-24
- Attended as JUDGE for District level Future on (Science fair) 2024 -conducted by APSWREI, Korrapadu, Anantapuramu District on 24-10-24
- Attended as JUDGE for Science fair -conducted by Department of Botany ,GDC(A) Anantapuramu on 24-10-24