



PROFILE

Dr. SONY MATHI, M.Sc. B.Ed. M.Phil. Ph.D

Lecturer in Zoology,

Chaitanya Degree & PG College for women

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Educational Qualifications

- Awarded Ph.D. in Toxicology (2013) from the Dept. of Zoology, Andhra University.
- Awarded M.Phil. in Toxicology (2008) from the Dept. of Zoology, Andhra University. (Distinction with 78%)
- M.Sc. in Zoology (2005) from Andhra University with 66.6%.
- B.Ed. (2018) from Andhra University with 7.68 CGPA.
- B.Sc. in Zoology, Bio-Chemistry and Human Genetics (2003) with 67.6% from M.V.R. Degree College, A.U
- Intermediate (2000) with 71% from Sri Chaitanya Junior College, Board of Intermediate Education, A.P.
- S.S.C. (1998) with 71.8% Board of Secondary Education

Area of Specialization

Zoology (Toxicology)

Work Experience

➤ Teaching

15 Years

Date of Joining

01-06-2008

Strength

- Fifteen years of teaching experience in PG College



	<ul style="list-style-type: none">• Effective communicator with excellent planning, organizational, and negotiation strengths as well as the ability to lead, reach consensus, establish goals, and attain results.• Ability to prioritize, delegate and motivate and balance the need of the staff with the priorities of the institution.
Languages known	Telugu, English, Hindi
Software skills	<ul style="list-style-type: none">• Completed Post Graduate Diploma in Computer Application (PGDCA).• Knowledge in OS Windows.
Practical Skills:	<ul style="list-style-type: none">• Undergone training on blotting techniques, PCR, UV-VIS spectrometer, refrigerated centrifuge and other laboratory instruments in Dept. of Zoology, Andhra University.• Have Knowledge in various Bio-chemical analysis like DNA RNA estimation, protein, carbohydrate and lipid estimations. Gel electrophoresis and immunological techniques like double diffusion was learned as a part of Master's Degree Curriculum.• Undergone training on toxicity studies like LC₅₀, growth, bio accumulation, bio-chemical studies viz., carotenoid concentration, estimation of carbohydrates, proteins, lipids and lipid peroxidation products.
Courses taught	M.Sc Zoology <ul style="list-style-type: none">➤ Molecular Cell Biology➤ Bio Systematic & Taxonomy➤ Quantitative Biology➤ Tools & Techniques➤ Toxicology



<p>Webinar / Seminars</p>	<ul style="list-style-type: none">• Delivered various seminars on ANOVA – as a part of BIOSTAT, physiological adaptations in vertebrates, chromosomal aberrations – both structural and functional and other topics, in the Dept. of Zoology as a part of Master’s curriculum.• Attended and participated in the National Seminar on “Emerging Trends in Biology field” 25th annual conference of Indian society for comparative animal physiology.ANU.• Participated in Young Scientist Award Competition in the National Seminar on “Emerging Trends in Biology field” 25th annual conference of Indian society for comparative animal physiology, ANU.• Webinar on NUTRITION N SIGNIFICANE OF SEA FOODS organized by Visakhapatnam research center of ICAR-CIFT(INDIAN COUNCIL OF AGRICULTURAL RESEARCH CENTRE - CENTRAL INSTITUE OF FISHERS TECHNOLOGY) in 05-Aug -2022.
<p>Faculty Development Programmes / Workshops</p>	<ul style="list-style-type: none">• Participated in workshop on ‘ MOLECULAR TECHNIQUES’• Participated in “ One Day Consultation Workshop with Civil Society Groups On National Curriculum Framework” jointly organized by central Tribal University of Andhra Pradesh, Vizianagaram and Andhra University.• Organized by Workshop on Women Entrepreneurship