



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)
Rajampet, Annamaya District, A.P – 516126, INDIA

Faculty Profile

Basic Information:

NAME : Dr.C.Rajababu
DESIGNATION : Assistant Professor
DEPARTMENT: Humanities & Sciences(Physics)
DATE OF BIRTH : 18-06-1988
DATE OF JOINING : 7-08-2023
EMAIL ID : baburaja46@gmail.com
EMPLOYEE ID: :1720



Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D. in Nano Technology	Yogi Vemana University, Kadapa	2016
B.Ed. (Maths & Physical Science)	Sri Venkateswara University, Tirupati	2012
M.Sc. Physics	Yogi Vemana University, Kadapa	2011
B.Sc. Mathematics & Physics	Sri Venkateswara University, Tirupati	2009

Research Details:

1. Areas of Specialization	:	Synthesis and characterization of dielectric and high-performance materials - Hydrothermal and co-precipitation methods - Advanced materials for energy storage and sensors
2. No. of Publications	:	16(international journals)
3. Awards Received	:	Young Achiever Award (2020)
4. Research Guidance		
	No. of PhD Guided:	-
	No. of MTech. Guided:	-
	No. of B.Tech. Guided:	-
5. Details of Professional Membership:		Reviewer for Materials Characterization, Ceramic International, Energy Technology, Additive Manufacture, Journal of Nanostructures in Chemistry, Materials Letters



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6. Subjects Taught	: Physics for Engineering & Sciences - Material Science - Solid State Physics



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Publication Details:

Title	Publisher	Published Year
Comparative Study of Electrochemical Supercapacitor Performance Among Various Nickel Phases	Ceramics International	2025
Structural, Optical, and Antibacterial Properties of NiO and BaO Doped NiO	BioNanoScience	2025
Low-Temperature Synthesis of NiO Structures for Enhanced Dielectric Performance	ECS J. Solid State Sci. & Tech.	2025
Synthesis and Characterization of High Dielectric Constant Zirconia Nano-Rods	ECS J. Solid State Sci. & Tech.	2024
Achieving High Dielectric Constant in γ -Al ₂ O ₃ -rGO Nanocomposite Prepared by Microwave-Assisted Co-Precipitation Method.	ECS J. Solid State Sci. & Tech	2024
Hydrothermal Synthesis of CeO ₂ Nanoparticles and Its Calcination Temperature Effect on Dielectric and Supercapacitor Performance.	ECS J. Solid State Sci. & Tech	2024
Mixture Morphology of ZnO Catalyst Synthesized by Hydrothermal Method for Outstanding Photocatalytic Decolorization of Organic Dyes.	ECS J. Solid State Sci. & Tech	2024