



# ANNAMACHARYA UNIVERSITY

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

## Faculty Profile

### Basic Information:

NAME : Dr. MARRIPALLI PAVANI  
DESIGNATION : ASSISTANT PROFESSOR  
DEPARTMENT: H & S  
DATE OF BIRTH : 02/02/1995  
DATE OF JOINING : 15/07/2025  
EMAIL ID : Marripallipavani3@gmail.com  
EMPLOYEE ID: :2200



### Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D	YSR ENGINEERING COLLEGE OF YVU	2025
M.Sc.	YOGI VEMANA UNIVERSITY	2017
B.Sc.	SRI VAISHNAVI DEGREE COLLEGE, RAJAMPET	2015
M.P.C	SRI SHIRDI SAI JR. COLLEGE, RAJAMPET	2012
SSC	SRI CHAKRA HIGH SCHOOL, RAJAMPET	2010

### Research Details:

1. Areas of Specialization	:	SEMICONDUCTOR DEVICES
2. No. of Publications	:	04
3. Awards Received	:	
4. Research Guidance		
	No. of PhD Guided:	
	No. of MTech. Guided:	
	No. of B.Tech. Guided:	
5. Details of Professional Membership:		



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6. Subjects Taught	:	PHYSICS
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## Publication Details:

Title	Publisher	Published Year
Analysis of photodiode and barrier properties of CoPc/n-Ge heterojunction under various illumination wavelengths	M. Pavani	2024
Current-voltage (I-V) characteristics of Au/n-Ge heterostructure based on cobalt phthalocyanine (CoPc) interlayer	M. Pavani	2023
Electrical, optical and morphological properties of Au/n-Ge heterostructures by using cobalt phthalocyanine (CoPc) interlayer	M. Pavani	2023
Optical, morphological and electrical properties of rapid thermally annealed CoPc/n-Ge heterostructures for photodiode applications	M. Pavani	2023