



# 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 : G Amarnath  
DESIGNATION : Assistant Professor  
DEPARTMENT : Mechanical Engineering  
DATE OF BIRTH : 07/06/1984  
DATE OF JOINING : 03/08/2015  
EMAIL ID : [gat@aitsrajampet.ac.in](mailto:gat@aitsrajampet.ac.in)  
EMPLOYEE ID : AITS031034



### **Academic Profile:**

Qualification	Name of the Board/University	YEAR
M.Tech	RVCE/VTU University	2008
B.Tech	Intell Engg College/JNTU University	2006

### **Research Details:**

1. Areas of Specialization	:	Machine Design
2. No. of Publications	:	4
3. Awards Received	:	-
4. Research Guidance	:	-
	No. of PhD Guided:	-
	No. of M.Tech. Guided:	3
	No. of B.Tech. Guided:	10
5. Details of Professional Membership:	:	-
6. Subjects Taught	:	Engineering Mechanics, Mechanics of Solids, Theory of Machines, Mechanics of Composite Materials, Python Programming

### **Publication Details:**

Title	Publisher	Published Year
1. EXPERIMENTAL INVESTIGATION ON VIBRATION CHARACTERISTICS AND DAMPING FACTOR OF	DISCOVER APPLIED SCIENCES	2025



# 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

COIR FIBER REINFORCED POLYESTER COMPOSITE MATERIAL		
2. ENHANCEMENT OF SURFACE CHARACTERISTICS AND TRIBOLOGICAL PERFORMANCE OF WAAM AL6063 VIA LASER SHOCK PEENING	JOURNAL OF VISUAL AND PERFORMING ARTS	2024
3. SMART HELMET – FALL DETECTION OF RIDERS USING INERTIAL SENSORS AND TO AVOID ACCIDENTS OCCURRENCE	IJFANS INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES	2022
4. OPTIMISATION OF PROCESS PARAMETERS FOR MULTI-RESPONSE CHARACTERISTICS IN EDM OF H-11 ALLOY USING ANOVA AND TOPSIS	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR)	2019

## Patent Details:

Title of Patent	Submitted/Published/Awarded
-	-