



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 : R. MAHESH KUMAR
DESIGNATION : ASSISTANT PROFESSOR
DEPARTMENT : E.C.E.
DATE OF BIRTH : 24-08-1983
DATE OF JOINING : 17-06-2004
EMAIL ID : rmahesh369786@gmail.com
EMPLOYEE ID : 61



Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D.	KL Deemed to be University, Guntur.	Pursuing
M.Tech. (VLSI DESIGN)	Sathyabama University, Chennai.	2009-2011
B.Tech. ELECTRONICS & INSTRUMENTATION ENGINEERING (E.I.E)	JNT University, Hyderabad.	2000-2004
Intermediate (M.P.C)	Board of Intermediate education, Andhra Pradesh.	1998-2000
S.S.C	Board of Secondary education, Andhra Pradesh.	1997-1998

Research Details:

1. Areas of Specialization	:	VLSI DESIGN
2. No. of Publications	:	05
3. Awards Received	:	00
4. Research Guidance		
	No. of PhD Guided:	00
	No. of MTech. Guided:	06
	No. of B.Tech. Guided:	40



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5. Details of Professional Membership:

6. Subjects Taught :

At UG level:

- Electronic Measurements and Instrumentation
- Microprocessors and interfacing
- VLSI Design
- Linear IC Applications
- Analog IC Applications
- Electrical and electronic measurements
- Sensors and signal conditioning
- Industrial Instrumentation
- Industrial Electronics
- Analytical Instrumentation
- Power Plant Instrumentation
- PC Based Instrumentation
- Opto electronics and Laser Instrumentation
- Adaptive control systems
- Linear and Digital IC applications
- Universal Human Values

At PG level:

- Testing and Testability
- FPGA Architectures and Applications
- Low power VLSI Design

Publication Details:

Title	Publisher	Published Year
Home Automation Without Internet to run Electrical Devices	IEEE Explore	2025
Design and Simulation of Non-Inverting and Inverting Mixed Logic 2x4 Decoder Using Mentor Graphics 16nm Technology	Kalpa Publications in Computing.	2024
Design of Low-Power OTA for Bio-medical Applications	Springer Nature, Singapore	2023
Design of Low Power, Low Noise Current Mirror OTA using 45nm Technology	Journal of Interdisciplinary Cycle Research	2021



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Design and Implementation of AITS FM Radio	International Journal of Engineering Research	2019
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Patent Details:

Title of Patent	Submitted/Published/Awarded
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