Dr CSS Anupama

Designation	: Associate Professor
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Contact at	: Department of Electronics and Instrumentation Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Electronics and Communication Engineering)

2018, Jawaharlal Nehru Technological University, Kakinada

M.S (Electronics and Control)

1995, BITS, Pilani

B.Tech (Electronics and Communication Engineering)

1988, Nagarjuna University, Guntur

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2005-2025	Associate Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Curriculum design, UG Project guidance, Research publications, Academic leadership, NBA & NAAC coordination, IQAC Coordination
2003-2005	Sr. Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	UG guidance, Academic leadership, R&D Coordination, NBA &NAAC coordination, Student Counselling
2005-2010	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	UG guidance, Academic leadership, Laboratory Infrastructure development, NBA coordination, Warden-Women's Hostel

Research Interests

Broad Area of Research:

Biomedical Instrumentation, Wireless Communication, Deep Learning

Honors and Awards

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Courses Taught

S.No	Course Name	Level (UG/PG)
1	Sensors and Transducers	UG
2	Biomedical Instrumentation	UG
3	Microcontrollers and Embedded Systems	UG
4	Microprocessors and Interfacing	UG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?user=vG_iHksAAAAJ&hl=en&oi=ao
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57207696309
ORCID	https://orcid.org/0000-0002-7542-4559
Research Gate	https://www.researchgate.net/profile/Css_Anupama

Recognized Research Supervisor

S.No.	Department	University

Funded Research Projects

S.No	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Funded	Trends and Challenges in Medical Image	Completed	AICTE	Rs 4,55,400	2 Years

		Analysis through Deep Learning Algorithms					
02	Funded	Development of Health Monitoring System	Completed	WEBSOCS Studio Private Limited, Hyderabad	Rs 1,00,000/-	2 Years
03	Seed Grant	System Diagnosis of Skin Cancer using Ensemble Machine Learning Models	Completed	SAGTE, Vijayawada	Rs 96,000/-	1 Year

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	IQAC Co-Cordinator	SAHE	2024-Present	Planning and Implementation of quality assurance measures
2	UG & PG Question Paper Moderator	VRSEC	2014-2021	Autonomous – Examination Section
3	Warden	VRSEC	1998-2008	Women's hostel administration, maintenance, Student resident welfare, discipline and safety

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks	2022
2.	Design for Internet of Things	NPTEL	8 Weeks	2021

Consultancy / Industry Projects

Completed	01
On-going	00
Applied	00

Patents

S.No	Title	Status	Application No.	Year
1.	Deep Learning Based Intelligent Method for EEG Signal Analysis for Neurological Disorders Diagnosis	Published	202141059579	2022
2.	Wireless Networking of Medical Equipment's to Mobile Application for Paperless Clinic	Granted	2020103799	2021
3.	YOUPEP - Method and System for Building Network Between Users	Published	201741005388	2020

Ph.D

Awarded	
Guiding	

Invited Talks

No. of Invited Talks	

Professional Service / Reviewer

- Reviewer in IEEE Access
- Computer Methods in Biomechanics and Biomedical Engineering
- The journal of Super Computing
- MDPI-Diagnostics
- Engineering, Technology & Applied Science Research

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	25
International / National Level Seminars	04 / 02
International / National Level Conferences	16 / 01
Workshops	22
Instructor Led / Self-Paced Courses	14
Webinars	32

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	LM03733	Indian Society of Systems for Science and Engineering (ISSE)
2.	LM523	Bio-Medical Engineering Society Of India(BMESI)
3.	LM24010	Indian Society for Technical Education (ISTE)
4.	LM 116068	The Institution of Electronics and Telecommunication Engineers (IETE)

(Dr CSS Anupama)

11-09-2025