



SIDDHARTHA
ACADEMY OF HIGHER EDUCATION
(Deemed to be University u/s 3 of UGC Act, 1956)

Dr. A. Jhansi Rani



Designation : Professor
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Contact at : Department of Electronics and Communication Engineering,
Velagapudi Ramakrishna Siddhartha School Engineering ,
Siddhartha Academy of Higher Education
Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Antennas)

2008, Jawaharlal Nehru Technological University, Hyderabad

M.Tech (Microwave Engineering)

1993, IT-B H U, Varanasi

B.Tech (Electronics and Communication Engineering)

1991, Nagarjuna University

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2008 to Till date	Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Curriculum design, Ph.D./PG guidance, research publications, academic leadership, NBA/NAAC coordination.
2001-2008	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	
1993-2001	Lecturer	Velagapudi Ramakrishna Siddhartha Engineering College	Academic Activity, NBA/NAAC coordination.

Research Interests

Broad Area of Research:

- Electromagnetics
- Smart Antennas
- Analysis of Microwave Components

- Numerical Methods and Applications
- Microstrip Antennas
- Cognitive Radio Communication

Honors and Awards

NIL

Courses Taught(UG & PG)

- Electronic Devices and Circuits
- Electronic circuits
- Transmission lines and waveguides
- Electromagnetic field theory
- Electronic Instrumentation and measurements
- Microwave Engineering
- Radar and Navigational Aids
- Pulse circuits
- Linear Integrated circuits and applications
- Antennas and wave propagation
- Fiber Optical Communication
- Signals and Systems
- Numerical methods in Electromagnetics
- Transform Techniques
- Antennas for wireless Communications
- Adaptive Signal Processing
- Random Process and Information Theory
- Microstrip Components and Antennas
- Discrete spectral Analysis
- 5G Communication
- Research Methodology and IPR
- Innovation, IPR and Entrepreneurship

Research Profile

Publications

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

Google Scholar	https://scholar.google.co.in/citations?user=2hO_0YUAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56460293800
ORCID	https://orcid.org/0000-0002-8113-0899
Publons	https://publons.com/researcher/3697626/drajhansi-rani/
Research Gate	https://www.researchgate.net/profile/Jhansi_Areti
LinkedIn	https://www.linkedin.com/in/jhansi-rani-25b4261a3/

Recognized Research Supervisor

S. No.	Department	University
01.	Electronics and Communication Engineering	Jawaharlal Nehru Technological University, Kakinada
02.	Electronics and Communication Engineering	ANU, Guntur
03	Electronics and Communication Engineering	Velagapudi Ramakrishna Siddhartha School Engineering , Siddhartha Academy of Higher Education

Funded Research Projects

Completed	01
On-going	
Applied	05

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	UGC UTSAH Portal Coordinator	VRSEC & SAHE	2023 Dec to till date	Data Submission

Certifications/MOOC Courses Completed- nil

S.No.	Title	Platform	Duration	Year
1.				
2.				

Consultancy / Industry Projects

Completed	NIL
On-going	
Applied	

Patents

Granted	
Published	03
Applied	

Ph.D

Awarded	09
Guiding	03

Invited Talks

No. of Invited Talks	03
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Professional Service / Reviewer

International Journal of Electrical and Computer Engineering Systems
RAEEUCCI-2023

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	30
International / National Level Seminars	13 / 12
International / National Level Conferences	45 / 20
Workshops	23
Instructor Led / Self-Paced Courses	15
Webinars	40

Professional Bodies Membership Details

S.No	Membership No.	Society Name
1.	L530	BMESI
2.	LM748	SEMCE
3.	LM14613	Indian Society for Technical Education (ISTE)
4.	F097919	IETE (FELLOW)

(Dr. A. Jhansi Rani)
