

## GAYATRI VIDYA PARISHAD

### College of Engineering for Women

#### R. Sunil Kumar

B.E, M.Tech, (Ph.D)

#### Assistant Professor

Since 01/06/2012



#### EDUCATION DETAILS

<i>Degree</i>	<i>Specialization</i>	<i>College/University</i>	<i>Year of Completion</i>
Ph.D	Wireless Communication	JNTU, Kakinada	Pursuing
M.Tech.	Communication Systems	S.R.K.R Engg. College/ AU	2012
B.Tech.	Electronics and Communication Engineering	ANITS Engg. College/ AU	2006

**GATE:** Secured all India GATE RANK 3780 in GATE 2008

**UGC NET:** Qualified UGC NET 2015

#### EXPERIENCE DETAILS

<i>Position Held</i>	<i>Department</i>	<i>Organization</i>	<i>From</i>	<i>To</i>	<i>Years of Experience</i>
Assistant Professor	ECE	Al-Ameer Engg. College	Sep. 2006	June 2009	3
Assistant Professor	ECE	GVP College of Engg. For Women	01/06/2012	Till date	7.5

#### RESEARCH DETAILS

<i>Area of Research</i>	<i>Registered University</i>	<i>Year of Registration</i>	<i>Year of Completion</i>
Wireless Communication	JNTU, Kakinada	2014	Pursuing

**AREAS OF EXPERTISE**

- Communication Systems

**PROFESSIONAL BODY MEMBERSHIPS**

- MIETE

**ADDITIONAL RESPONSIBILITIES in GVPCEW**

- BTech. Project Coordinator
- Coordinator for Value added Courses
- SC/ST Cell Committee Member
- Laboratory In-charge for DC Lab

**ONLINE COURSE CERTIFICATIONS**

<i>Course</i>	<i>Issuing Authority</i>	<i>Duration</i>	<i>Schedule</i>
Principles of signal estimation for MIMO/OFDM Wireless communication	NPTEL IIT Madras	12 weeks	July – Oct, 2018

**SUBJECTS TAUGHT**

- Analog Communication
- Digital Communication
- Cellular Mobile Communication
- Optical Communication
- Satellite Communication
- Radar Systems
- Electromagnetic Waves and Transmission lines
- Antennas and Wave Propagation
- Microwave Engineering
- Signals and Systems
- Pulse and Digital Circuits
- Electronic Devices and Circuits
- Random Variables and Stochastic Processes
- Advanced Microprocessors and Microcontrollers
- Microprocessors and Microcontrollers
- ARM-System on Chip Architecture

**LABS HANDLED**

- Analog Communication
- Digital Communication
- Electronic Devices and Circuits Lab
- Microwave Engineering and Optical Lab
- Microprocessors and Microcontrollers Lab
- Linear IC Applications Lab

**PUBLICATION DETAILS**

<i>Title</i>	<i>Journal</i>	<i>National/ International</i>	<i>Publication Year</i>
Development of Embedded Processor Based Communication and Acquisition System	International Journal of Engineering and Research & Technology	International	Oct., 2013
Design of DC-DC Boost Converter in CMOS 0.18 $\mu$ m Technology	International Journal of Computer Engineering in Research Trends	International	Oct., 2016

**FDPS/WORKSHOPS/CONFERENCES ATTENDED**

<i>Title</i>	<i>Venue</i>	<i>Year</i>
A six-day training programme in Digital Communications	MVGR College of Engg., Organised by APSCHE in association with JNTUK	2012
Conference on advances in communication, navigation and computer networks (ACNCN-2012)	Andhra University	2012
Conference on “Advances in Radar, Communications and Network Enabled Technologies” (ARCNET-2013)	IETE, Andhra University	2013
A two-day National Workshop on “ADVANCES IN SIGNAL PROCESSING (NWASP-13)	Andhra University	2013
International Conference on Electromagnetic Interference and Compatibility (INCEMIC-2015)	Andhra University	2015
FDP on Cognitive radio technologies (CRT-2015)	GVP College of Engineering for Women, Visakhapatnam	2015
SDP on Electromagnetics & RF Fundamentals (EMRF-2016)	GVP College of Engineering for Women, Visakhapatnam	Jan. 2016
FDP on Signal Processing and Communication Systems	GVP College of Engineering for Women, Visakhapatnam	Nov. 2017

National workshop on Cryptology and Cyber Security (WCCS 2018)	GVP College of Engineering for Women, Visakhapatnam	March 2018
Workshop on Custom Analog & Digital IC design using mentor EDA tools (ADICD-2018)	GVP College of Engineering for Women, Visakhapatnam	Sept. 2018
A One and half week FDP on Principles of signal estimation for MIMO/OFDM Wireless communication	NPTEL - AICTE	July – Oct, 2018
A One Week Workshop on Machine intelligence in smart grid & communication (MISGC-2019)	GVP College of Engineering (A)	2019