

## GAYATRI VIDYA PARISHAD

### College of Engineering for Women

#### V KRISHNA CHAITANYA P

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

#### Assistant Professor

Since 02/06/2012



#### EDUCATION DETAILS

<i>Degree</i>	<i>Specialization</i>	<i>College/University</i>	<i>Year of Completion</i>
Ph.D	Statistical Signal Processing	JNTU, Kakinada	Pursuing
M.Tech	Digital Electronics and Communication Systems	Chaitanya Eng. College/ JNTU, Kakinada	Feb. 2011
B.Tech	Electronics and Communication Engineering	Raghu Engg. College/ JNTU, Hyderabad	2008

#### 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	Vizag Institute of Technology, Vizag	15/2/2011	01/06/2012	1.5
Assistant Professor	ECE	GVP College of Engg. For Women	02/06/2012	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>
Statistical Signal Processing	JNTU, Kakinada	2014	Pursuing

#### AREAS OF EXPERTISE

Digital Electronics, Embedded Systems

#### PROFESSIONAL BODY MEMBERSHIPS

AMIETE

#### ADDITIONAL RESPONSIBILITIES

SPOC for UiPath Academic Alliance Program

IETE Student Forum Staff-In-charge

Department Placement Coordinator

Laboratory In-charge for MPMC Lab

Conducted gate classes on Digital Electronics in the college

Department IoT Lab In-charge

## ONLINE COURSE CERTIFICATIONS

<i>Course</i>	<i>Issuing Authority</i>	<i>Certificate Type</i>	<i>Duration</i>	<i>Schedule</i>
Switching Circuits and Logic Design	NPTEL IIT Kharagpur	Elite	12 weeks	July – Oct, 2018
Joy of Computing using Python	NPTEL IIT Madras	Elite + Silver	12 weeks	Jan – Apr, 2019

## SUBJECTS TAUGHT

## LABS HANDLED

Digital Logic Design	Microprocessors and Microcontrollers Lab
Switching Theory and Logic Design	Linear IC Applications Lab
Microprocessors and Microcontrollers	Digital Logic Design Lab
Linear IC Applications	Electronic Devices and Circuits Lab
Pulse and Digital Circuits	Digital IC Applications Lab
Digital Image Processing	Pulse and Digital Circuits Lab
DSP Processors and Architectures	Digital Signal Processing Lab
Embedded C	Microwave Engineering and Optical Lab
Digital System Design	
Design For Testability	

## PUBLICATION DETAILS

<i>Title</i>	<i>Journal</i>	<i>National/ International</i>	<i>Publication Year</i>
New Leakage Reduction Techniques	International Journal of Advances in Science Engineering and Technology	International	2013
Power Efficient Enhanced Dual Dynamic Hybrid Flip-flop	International Journal of VLSI and Embedded Systems-IJVES	International	2014
Advanced Parallel Structure Kalman Filter for Radar Applications	SPRINGER LNEE Series Volume 372	International	2015
Fused Kalman Filter for Constant Turn Radar	International Journal of Emerging Technology and Advanced Engineering (IJETAEE)	International	2016
Design and Fabrication Of S-Band MIC Power Amplifier	International Journal on Cybernetics & Informatics	International	2016
Smart Parking Management and Reservation System Based on PHP Websvrer	International Journal of Electrical Communication Engineering	International	2018

**FDPS/WORKSHOPS/CONFERENCES ATTENDED**

<i>Title</i>	<i>Venue</i>	<i>Year</i>
National Conference on recent advances in DSP, Embedded Systems, VLSI, Image Processing, Communication and Electronics Engineering (DEVICE -2010)	ANITS, Visakhapatnam	2010
National Conference on Recent Trends in Communications and Signal Processing (NCCSP-2010)	QIS College of Engineering, Ongole	2010
International Conference on Nanoscience, Engineering and Advanced Computing (ICNEAC -2011)	Swarnandhra College of Engineering and Technology	2011
SARC-International Conference on Electrical, Electronics and Computer Engineering (SARC-ICEECE-2013)	Chennai	2013
2 week ISTE workshop on Analog Electronics	Sanketika Engineering College (Remote Centre) for IIT Kharagpur	2013
International Conference on Electromagnetic Interference and Compatibility (INCEMIC-2015)	Andhra University	2015
FDP on Cognitive radio technologies (CRT-2105)	GVP College of Engineering for Women, Visakhapatnam	2015
International Conference on Microelectronics, Electromagnetics and Telecommunications (ICMEET-2015)	GITAM University	2015
SDP on Electromagnetics & RF Fundamentals (EMRF-2016)	GVP College of Engineering for Women, Visakhapatnam	Jan. 2016
Six Day Workshop on "Internet of Things"	NIT Warangal	June 2016
International Conference on Electronics and Communication Engineering	UCEV, JNTU Kakinada	July 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
One and half week FDP on Switching Circuits and Logic Design	NPTEL - AICTE	July - Oct, 2018
One and half week FDP on Joy of Computing using Python	NPTEL - AICTE	Jan - Apr, 2019
Workshop on eSim, a First Course in the IoT Series for Teachers	Teaching Learning Centre ICT at IIT Bombay	Sept. 2019