

JALAJA RAJANA

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Career Objective :

To work in a creative, challenging environment and achieve growth oriented career in an organization where I can contribute best to the growth of the organization and my technical skills.

Teaching Experience

- ◆ Currently working as Assistant Professor in Department of ECE in Gayatri Vidya Parishad College of Engineering for Women from 28th Dec 2012.
- ◆ Worked as Mathematics Lecturer in Vikas Educational Institutions, Visakhapatnam from July 2009 to Dec 2010.

Academic Record :

Qualification	School/College	University/Board	Period	Percentage of Marks
M.Tech (Digital Electronics & Communication Systems)	G.M.R.Institute of Technology, Rajam.	J.N.T.U,Kakinada	2010-2012	80.07
B.Tech (Electronics & Communication Engg)	Vignan's Institute Of Information Technology, Visakhapatnam.	J.N.T.U,Kakinada	2005-2009	75.13
Intermediate	Sri Chaitanya Jr college, Visakhapatnam.	Board of Intermediate Education,A.P.	2003-2005	92.10
S.S.C	Visvodaya High School, Visakhapatnam.	Board of Secondary Education,A.P.	2002-2003	83.33

Technical Skills :

- ◆ Languages : C, VHDL, Verilog
- ◆ Software Packages : MATLAB, Mentor Graphics, CC Studio, MASM Assembler

Personality Traits:

- ◆ Strong interpersonal skills.
- ◆ Ability to work in teams.
- ◆ Adaptability to new environments.
- ◆ Ability to work in time bound crisis situations.
- ◆ Hard working and result oriented.

Subjects Taught :

- ◆ Embedded & Real Time Operating Systems
- ◆ Switching theory and logic design
- ◆ Microprocessor & Microcontrollers
- ◆ Digital logic design
- ◆ Digital System Design & Digital IC Applications
- ◆ Microprocessor & Multicore Systems
- ◆ Signals & Systems
- ◆ Digital Signal Processing
- ◆ CMOS Digital IC Design

Online Courses (NPTEL):

S.No.	Title of Lecture	Organization Details	Duration & Dates	Score
1	PRINCIPLES OF COMMUNICATIONS SYSTEMS-1	NPTEL	12 WEEKS 31/01/2018 - 21/04/2018	70%
2	SWITCHING THEORY AND LOGIC DESIGN	NPTEL	12 WEEKS (JULY-OCT,2018)	70%
3	DIGITAL CIRCUITS	NPTEL	12 WEEKS (JULY-OCT,2018)	83% (TOP 5%)

Conferences & Publications :

- ◆ S.C. Satapathy, R. Jalaja and B. Biswal “Power Quality Event Classification Using Hilbert Huang Transform”, Proc. of Int. Conf. on Front. of Intell. Comput., AISC 199, pp. 153–161, Springer-Verlag Berlin Heidelberg 2013.
- ◆ B. Biswal, S. Misra and R. Jalaja, “Automatic Classification of Power Quality Events using Balanced Neural Tree”, IEEE Trans. Ind. Electron., vol. 61, no. 1, pp 521-530, Jan. 2014.
- ◆ Mavuri Charita, Surada Manisha, Rapaka RamyaSai , Satyavarapu Ramya Ramani , R.Jalaja “Continuous Motorcycle Handle Control Monitoring System”, International Journal of Engineering Science and Innovative Technology (IJESIT) Volume 6, Issue 3, May 2017.

FDP's & Workshops:

- A three day national workshop on “Advanced Optimization Techniques for Engineering and Management”, GMRIT, 2013.
- A Two weeks “DSP learning course on Blackfin Processor”, IIT MADRAS, 2013.
- A Two day Workshop on “Cognitive Radio Technologies”, GVPCEW, 2015.
- A Three day DST National workshop on “Advanced Signal, Speech & Image Processing ” GVPCE(A), 2016 .
- A Three day FDP on "Electromagnetics and RF Fundamentals", GVPCEW, 2016.
- A One Week FDP on “Advanced Digital Signal Processing And Applications”, Organized by the E &ICT academy, NIT Warangal, MVGR (A), 2016.
- A three day National workshop on “Biological Inspired Computing & Applications", GVPCEW, 2018.
- A three day National workshop on “Cryptography and Cyber Security", GVPCEW, 2018.
- A One and Half week NPTEL - AICTE FDP on "Switching Circuits and Logic Design ",2018
- A three day workshop on "Custom Analog and Digital IC Design using Mentor EDA Tools", GVPCEW, 2018.
- A One week National workshop on “Machine Intelligence In Smart Grid & Communication”, GVPCE(A), 2019

Personal Profile :

Date of birth : 23-12-1987
Father's name : R. Narayana Rao
Gender : Female
Marital status : Married
Languages known : English, Hindi and Telugu
Nationality : Indian.

Declaration :

I here by declare that all the information mentioned above is true to the best of my knowledge.

Date:

Place:

[R.JALAJA]