

BINDU MADHAVI K



Name : K Bindu Madhavi

Designation : Associate Professor

Joining Date : 04 August 2008

Email: bindum.ece@hitam.org

Research Interest

VLSI System Design

Areas of Interest

Low power VLSI Design

Subjects Taught

Analog Communications,
Analog Electronics
Signals & Systems,
Digital signal processing,
Electronic Devices & Circuits,
Pulse and Digital Communication
Micro Wave Engineering,
Electronic circuit Analysis,
Digital Logic Design Control Systems

Academic Qualification

B.Tech(ECE) in the Year 2003 from MITS,JNTUH, Madanapalle, AP

M.Tech(VLSI System Design) in the Year 2003 from HITAM, Hyderabad, JNTUH, Telangana

Teaching Experience Details (13 Years 2 Months)

- Working as Associate Professor in the Department of Electronics and Communications Engineering of Hyderabad Institute of Technology and Management, Hyderabad, Telangana, India from August 2008 to till date.

- Worked as Assistant Professor in the Department of Electronics and Communications Engineering in Joginpally Bhaskar Rao Engineering College: Aug 2005 to July 2008

- Worked in the Department of Electronics and Communications Engineering Davananada International Journals:

Implementation of efficient Convolutional Encoder and Modified Viterbi Decoder in GE-International Journal of Engineering Research -AARF Publication (2017)

VLSI Design of Reconfigurable Filter for High Speed Application in IJPRES Journal (2016)

BINDU MADHAVI K

Publication Details (International Journals – 7, International Conferences – 1, National Journal/Conference - 2)	Pulse oxi meter” in IJERGS Journal(2014)
	Derating analysis of components” in IJERGS Journal(2014)
	Designing of Efficient Online Testable Reversible Adders and Multiplexers with New Reversible Gate” in IJERA Journal (2012)
	Harmonic Signal Generator Based on Direct Digital Synthesizer and SOPC” in IJERA Journal (2012)
	Secure transmission for Nano memory using EG-LPDC” in IJERA Journal (2012)
	International Conferences:
	IEEE WIE CONGRESS 2013 IEEE SSC,Osmania University
	CONCAVE 2K15
	National Conferences:
	IEEE WIE CONGRESS 2017 IEEE SSC,Osmania University
ICITEE Conferene-2016	
Research Scholars	<ul style="list-style-type: none"> • Guidance of Post Graduate, M. Tech (CAD/CAM-Robotics) Projects 8 – Completed, 2 – Under Progress
	<ul style="list-style-type: none"> • Guidance of Under Graduate Projects 16 – Completed, 2 – Under Progress
Awards & Honours	<ul style="list-style-type: none"> · Completed IUCEE –IIEECP pre certification
	<ul style="list-style-type: none"> · OBE Certification from IUCEE for OBE course conducted by KLE Tech University
Workshops / Seminars / Conferences / Training Programs Conducted	Organized BLIS 2K15,2K16,2K17,2K18
	As IEEE WIE Facilitator organized many events such as IEEE day, STAR Program,Women's Day

BINDU MADHAVI K



--