



Dept. of Electronics & Communications Engg.

KITS Warangal
Faculty group mail-id : ece@kitsw.ac.in

Home People Academics Laboratories Research Consultancy Awards & Patents Projects Industry-Institute-Interaction Events

Faculty Profile

Address/Contact

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EDUCATION

B.Tech., (ECE) Year of passing: **2006**, JNTU University, Indur Institute of Information and Technology, Percentage: 68.8%

M.Tech. (VLSI Design) Year of passing: 2010, JNTU Hyderabad, CGPA: 8.15

Ph.D.,(Pursuing) Specialization: Device Modelling, Registered Year: August, 2015, CGPA: 9 (Part Time – Non QIP)



Sri. V.Raju
Assistant Professor

Dept. of Electronic & Communication Engg.

ACADEMIC AFFILIATION

Details	From	To	Name of the Organization
Assistant Professor	06/06/2010	30/05/2012	Lovely Professional University, Punjab
Assistant Professor	07/07/2012	15/05/2013	National Institute of Technology, Warangal
Assistant Professor	03/06/2013	Till date	Kakatiya Institute of Technology & Science, Warangal, Telanagana

RESEARCH INTERESTS

S.No.	Details
1	Semiconductor Device Modelling
2	ASIC design verification
3	Reconfigurable Architectures

PUBLICATIONS

Publications in Refereed Journals

S. No.	Details
1.	Design and Performance Analysis of Hybrid Adders for High Speed Arithmetic Circuit” Veerati Raju and Rajkumar Sarma, Lovely Professional University, India. International journal of VLSI design & Communication Systems (VLSICS) 2012,Volume 3,number 3((UGC Approved)
2.	Reconfigurable decoder for variable size low power memory applications” Veerati Raju ,E.Suresh and P.Adthiya, International journal of Electronics & Communication Engineering Research and Development (IJEGERD) Volume 3 Number 1Jan Mar 2013,pp.no 48-61 ISSN2248-9525 (UGC Approved)
3.	Veerati R., Suresh E., Chakilam A., Ravula S.P. (2018) Eye Monitoring Based Motion Controlled Wheelchair for Quadriplegics. In: Anguera J., Satapathy S., Bhateja V., Sunitha K. (eds) Microelectronics, Electromagnetics and Telecommunications. Lecture Notes in Electrical Engineering, vol 471. Springer, Singapore(Scopus)
4.	Raju V, Sivasankaran K “Impact of high k spacer on RF stability performance of double gate junctionless transistor”. IntJ Numer Model. 2019,32:e2481. https://doi.org/10.1002/jnm.2481 (SCI)

Publications in Refereed Conference Proceedings

S.No.	Details
1.	Design and performance comparison of hybrid adders (National conference on Challenges in Emerging computer Technologies) (CECT2012)” Veerati Raju at Rayat & Bahra Institute of Engineering and Bio-technology(Scopus) (UGC Approved Conference)
2.	Eye Monitoring Based Motion Controlled Wheelchair for Quadriplegics. (3rd International Conference on Micro Electronics, Electromagnetic and Telecommunications) (ICMEET 2017)”, Veerati R., Suresh E.,Chakilam A., Ravula S.P. at BVRIT Hyderabad, Telangana. (Scopus) (UGC Approved Conference).
3.	Fore ground segment Using Multimode Background in Real time Perspective. Veerati R., Suresh E., G.Kranthi Kumar., 8th international Conference on Innovations in Electronics and Communications Engineering, (ICIECE 2019) at Guru Nanak Institute of Technology Hyderabad, Telangana(Scopus) (UGC Approved Conference).

AWARDS:

S.No.	Details
1.	Won College level TCS Best student project award for the academic year of 17-18 on 31st march18 for project “Eye Monitoring Based Motion Controlled Wheelchair for Quadriplegics.

FACULTY DEVELOPMENT PROGRAMMES ATTENDED

S. No.	Programme	Duration	Organized by
1.	Recent developments VLSI	Two days	KITS Warangal in coordination with ISTE and CoreEL Technologies on 8 th and 9 th of November 2014.
2.	Design Challenge	Two days	ISB Hyd. 7th and 8th February 2015.
3.	Entrepreneurship Development	Two weeks	Kits, Warangal, sponsored by DST in association with ni-nsme from 23rd February 2015 to 07th march 2015.
4.	Aspects of IC Design	Ten days	NIT Warangal, during 8th February 2016 to 17th February 2016

5.	Analog Electronic Circuits	One Week	VIT University, 31st May to 4th June 2016.
6.	CMOS, Mixed Signal and Radio Frequency VLSI Design	Two weeks	IIT Kharagpur 30th January to 4th February 2017 at BITS, Narsampet.
7.	Hands on approach of OFDM System -Designing in Matlab	Two weeks	KITS Warangal, Dept. of ECE, 27th November to 8th December 2017
8.	Vlsi Design Verification And Test	One week	NIT Warangal, 26th may to 30th may 2018 organized by E&ICT
9.	VLSI Design: Bridging Concepts to practice	One Week	KITS Warangal, EIE Department, from 25/03/2018 to 30/03/2018
10.	Recent Trends in Embedded Systems	Two week	VIT Vellore, from 20/05/19 to 01/06/19

Workshop/Seminars Organized

S. No.	Title of the Seminar Organized	Duration.	Organized by
1.	Recent developments VLSI	Two Days	KITS Warangal in coordination with ISTE and CoreEL Technologies on 8th and 9th of November 2014.
2.	Internet of Things(IoT)	Two day	KITS Warangal in coordination with ISTE and Erotech Solutions on 15th and 16th march of 2019.

COURSES TAUGHT

Undergraduate Level			
Courses Taught		Currently Teaching	
Course	Semester, Year, Branch	Course	Semester, Year, Branch
Electronic Devices and Circuits-I	3 rd semester, 2 nd year, ECE	VLSI Design	7 th semester, 4 th year, ECE
Electronic Devices and Circuits-II	4 th semester, 2 nd year, ECE	Digital Design	4 th semester, 2 nd year, ECE
VLSI Design	7 th semester, 4 th Year, ECE	Essence Of Indian Traditional Knowledge	4 th semester, 2 nd year, ECE
Electronic Circuits	3 rd semester, 2 nd Year, ECE		
Analog and Digital Communications	6 th semester, 3 rd year, EIE		
Pulse and Digital Circuits	4 th semester, 2 nd year, ECE		
Basic Electronics Engineering	1 st semester, 1 st year, IT		
Digital Design	4 th semester, 2 nd year, ECE		
Communication Systems	6 th semester, 3 rd year, CSE		
Postgraduate Level			
Multimedia and Mass Communication	2 nd semester, 1 st year, DC		

Communication System Modelling	1 st semester, 1 st year, DC		
Neural Networks	2 nd semester, 1 st year, DC		
Digital Communication Techniques	1 st semester, 1 st year, DC		

PAPERS PRESENTED IN CONFERENCES/SEMINARS/ WORKSHOPS/SYMPOSIA:

S. No.	Title of the Paper presented	Title of Conference/ Seminar etc.	Organized by
1.	Eye Monitoring Based Motion Controlled Wheelchair for Quadriplegics.	3rd International Conference on Micro Electronics, Electromagnetic and Telecommunications, (ICMEET 2017)	Springer
2.	Fore ground segment Using Multimode Background in Real time Perspective.	8th international Conference on Innovations in Electronics and Communications Engineering, (ICIECE 2019)	Springer

INVITED LECTURES IN CONFERENCE/SEMINAR

S. No.	Title of Lecture/ Academic Session	Title of Conference/ Seminar etc.	Organized by
1.	A two Day workshop organized for 4 th year ECE students	Recent trends in VLSI	Methodist College of Engineering, Affiliated to Osmania University, Hyderabad