

CURRICULUM VITAE

Name: Dr.ManojPriyatham .M

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Academic Qualifications

- PhD from University of Allahabad
- M.Tech from Vinayaka Mission University
- B.E from University of Madras

Experience: 12 years

Academic:

Professor – Department of Electronics and Communication Engineering– RR Institute of Technology, Bengaluru (January 2016-till date)

Professor & HOD-Department of Electronics and Communication Engineering,Dr.Sri.Sri.Sri.ShivakumaraMahaswamy College of Engineering, Bengaluru, Karnataka (August 2014- December 2015)

Associate Professor -Department of Electronics and Communication Engineering, Malla Reddy Engineering College (Autonomous), Hyderabad, Telangana(July 2012 - July 2014)

Associate Professor -Department of Electronics and Instrumentation Engineering, Bhoj Reddy Engineering College for women, Hyderabad, Telangana(June 2010 - July 2012)

Assistant Professor -Department of Electronics and Instrumentation Engineering,Sreenivasa Institute of Technology and Management studies, Chittoor, Andhra Pradesh (July 2004 - May 2010)

Evaluation and others: DCS, Squad, QP setter for VTU, Sessioned as a chair for various national and international conferences

Memberships of Professional Bodies:

- (1) ISTE: Member
- (2) IA Eng : Member
- (3) Reviewer of International Journal for Research & Development in Technology
- (4) Reviewer of Journal of Academic Science
- (5) Reviewer of Asian journal of Engineering and Technology
- (6) Reviewer of International Journal of Science, Engineering and Technology
- (7) Reviewer of Journal for Innovative Development in Pharmaceutical and Technical Science
- (10) Editorial member of Bonfring International Journals
- (11) Editorial member of Journal of Nanotechnology and Materials Science
- (12) Editorial member of International Journal of Engineering Trends and Technology

Research and development: 4 years

Research funds: nil

Expert Lectures delivered:

Key note speech delivered on IOT in International conference on applied science, engineering and technology, SSRCE, Bengaluru on 6-7 June 2016

Handled a practical session on embedded systems as a trainer in microware technologies, Hyderabad

Handled a practical session on J2EE as a trainer in TPHRM technologies, Bengaluru

Equipment's developed:

Established R&D center in Dr. SMCE

Developed DEC laboratory for M.tech students during academic year 2014-2015

Study Materials developed: Developed several laboratory manuals throughout the academic experience

Books Authored /Edited: nil

Course Subjects taught

1. Field theory
2. Electronic devices and circuits
3. Digital electronics
4. Mobile communication
5. VLSI design
6. Microwave and transmission lines
7. Antenna wave propagation
8. Electronic measurements
9. Industrial Instrumentation
10. Linear integrated circuits
11. Analog electronic circuits
12. Network analysis
13. Control systems
14. Microprocessors and Microcontrollers
15. Analog and digital communication
16. Virtual instrumentation
17. Power electronics
18. Object oriented programming
19. Optical fiber communication

PG Level:

1. Advanced Embedded systems
2. Advanced Computer networks
3. Probability and Random processes
4. Error Control Coding

**Student Projects Guided: 48 UG projects
13 PG projects**

Programs/Seminars/Conferences Organized:

Organized international conference on Emerging Trends in Engineering and Technology at Ginger Hotel in Pondicherry on April 6th 2014

Organized Robozest workshop in association with IIT Kharagpur at Dr. SMCE in 2015

Organized national conference on Advancements in Science, Engineering & Technology at RRIT, Bengaluru on May 6-7 2016

Organized international conference on Signal Processing, Communication and Computational Research at VidyaVikaas Institute of Engineering and Technology, Mysuru on May 18-19 2016

Organized World conference on Recent trends in Computer Science and Electronics engineering at Springs Hotel, Bengaluru on June 19 2016

Programs/Seminars/Conferences Attended:

Attended a workshop on “Embedded Processors & Applications” organized by Uni String Solutions during 28-29 June 2012

Publications:

Referred Journals:

1. G.Siva Kumar, **ManojPriyatham M**, “Performance optimization of a VLSI circuit using Adder circuit”, International Journal of Engineering Invention, pp: 8-11, Volume1, feb 2014
2. G.Siva Kumar, **ManojPriyatham.M**, “Computing in sense amplifier based pass transistor logic”, International Journal of Electronics, Communication and Computer Engineering, pp: 44-47, Volume3, Issue2, oct 2013
3. **ManojPriyatham.M**, Ramesh L, “Network intrusion detection system embedded on a smart sensor, International Journal of Engineering Research Applications, pp: 138-144, Issue2, mar-apr 2013
4. G.Siva Kumar, **ManojPriyatham.M**, “3-weight pattern recognition”, International Journal of Signals and Image Processing, pp: 25-29, Vol3 issue3 may- june 2013
5. **ManojPriyatham.M**, S.Rajasekharan, “High speed ASIC design”, International Journal of Engineering Invention, pp: 268-284, Volume1, feb 2013
6. Suresh.D, **ManojPriyatham.M**, “Satellite image classification using wavelet transform”, International journal of Innovative Research in Engineering Science, pp: 4-7, Oct 2012, issue1 volume4
7. G.Siva Kumar, **ManojPriyatham.M**, “Simulation of UART”, International journal of communication engineering, pp: 1-4, Vol:1 Oct 2012
8. G.SivaKumar, **ManojPriyatham.M**, “At speed testing of SOC IC”, International Journal of Engineering Research Applications, pp: 1-6, Vol:3 oct 2012
9. **ManojPriyatham.M**, S.Rajasekaharan, G.Siva Kumar, “Glitch power minimization by selective gate freezing”, International Journal of Modern Engineering Research Academy, pp: 1-11, Vol:2 sep 2012

10. G.Siva Kumar, **ManojPriyatham.M**, “FPGA based Real time face recognition system”, International Journal of Electronics and communication technologies, pp:1-4,Vol: 3issue3 july2012
11. S.Rajashekar, **ManojPriyatham.M**, “Optical flow estimation”,International Journal Of Computation and Engineering Research, pp:1-9,Issue: 3 ,Vol 2 :oct 2011
12. **ManojPriyatham.M**, “Electronic instruments control driver objects development”, International journal of Advances in Science and Technology, pp:1-7,Vol:May2011, special issue
13. **M. ManojPriyatham**, Ramaswamy, “Frequency response measurement of an amplifier using control objects”,International Journal Of Advances in Engineering Technology, pp:1-6,Vol: 2,Issue. 7 Nov2010
14. **M. ManojPriyatham**, Shiva Kumar.G, Ramaswamy, “Control of Instruments using IEEE 488 and Agilent VEE”, International journal of Electronics and Electricals Engineering, pp:1-5, Volume: 5, April 2009
15. **M. ManojPriyatham**, Ramaswamy, Shiva Kumar.G “VEE based control of instruments”, International journal of Innovative Research in Engineering Science, June 008, pp:1-10, issue1: Volume: 5
16. **M.ManojPriyatham**, Ramaswamy,“Electronic Instruments Control using Agilent VEE”, International journal of Electronics and communication technologies, pp:1-8, Volume 6, Issue 4, 2007
17. **M. ManojPriyatham**, R. Srikanth,“Recent developments in automation/control”, International Journal of Instrument Technology, pp:1-9,Volume:3, 2007
18. **M. ManojPriyatham**, K.Shiva Prasad, “Chromatography variations in instrumentation”, International Journal of Instrumentation Sciences, pp:1-5,Volume:2 may issue, 2006

Conferences:

1. “Vehicle tyre monitoring system”, International conference on Applied Science, Engineering and technology, SSRCE, Bengaluru, 6-7 June 2016
2. “Locker security system based face detection using raspberry pi”, International conference on Applied science, Engineering and technology, SSRCE, Bengaluru, 6-7 June 2016
3. “Parking prediction using car make and model recognition system for smart cities”, International conference on power, circuit and Information Technologies, RRCE, Bengaluru,6-7 May 2016
4. “Glitch power minimization by selective gate freezing’, International conference on innovative computing and information processing, MEC, Mallasamudram, 29-31 March 2012
5. “Electronic instruments control driver objects development”,National Conference on Pervasive Computing, SCE, Pune,9-10 April 2010
6. “Frequency response measurement of an amplifier using control objects”,National conference on Computing and Communication Technologies, SEC, Erode, 20 March 2010