

CURRICULUM VITAE

Mr. Niranjan L_{M.Tech}

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Academic Qualifications

- M.Tech, in Digital Electronics and Communication, Electronics and Communication Engineering, AMCE, Bengaluru, Visveshvaraya University, 2011.
- B.E, Bachelor of Engineering in Electronics and Communication Engineering, MVJCE, Bengaluru, Visveshvaraya University, 2009.

Experience

- 5years of experience in Teaching& 1 ½ years in Industry
- **Academic:**
- Assistant Professor, RR Institute of Technology, Bengaluru, 7th June 2011

Memberships of Professional Bodies

- Indian Society of Technical Education.
- International Association of Engineers

Study Materials developed

- Laboratory Manual for Microcontroller laboratory.
- Laboratory Manual for Power Electronicslaboratory.

Books Authored /Edited

1. Published a paper Title "Advance System for Driving Assistance with Intelligent Speed Governor in Multi-Zones Using RF and GSM Communication" in National conference on Evolutionary Trends in Information Technology-2011, VTU Belgaum CETIT-2011, Pg. No. 98, May-2011.
2. Published a paper Title "Intelligent Speed Governor in Multi-Zones Using RF and GSM Communication" in National conference on Design Innovations for 3Cs "Compute-Communication-control" Organized by Department of ECE on 4th May 2012 held at MVJCE, Bangalore, NCDI3C-2012, Pg. No.3, May-2012.
3. Published a paper Title "Document Automation and Management using Digital Security" in National conference on Design Innovations for 3Cs "Compute-Communication-control" Organized by Department of ECE on 4th May 2012 held at MVJCE, Bangalore, NCDI3C-2012, Pg. No.18, May-2012.
4. Published a paper Title "A Novel approach to WPT in Non-Radiative field" in National Conference held at BIT College VCS-2012 on 30th and 31th of October 2012.
5. Published a paper Title "Wireless power transfer using coupled magnetic resonance in the non-Radiative near field." National conference held at DBIT on 12th and 13th of October 2012. SPARKAURA-2012, Pg. No. 25-30, SPARKAURA-2012.
6. Published a paper Title "NFC in Modern Communication." National conference held at DBIT on 12th and 13th of October 2012, Pg. No. 79-84, SPARKAURA-2012.
7. Published a paper Title "Design and implementation of security based ATM using panic button, GSM module and metal detector against intruders." Proceedings of the National conference on Technological advances in electronic system design NCTAESD 2014 held at Vemana Institute of Technology Bangalore, held on 25th and 26th of April 2014.
8. Published a paper Title "Advance system for automatic driving assistance with intelligent speed governor in multi-zones using RF and GSM technologies". Proceedings of the National Conference on Technological advances in electronic system design NCTAESD

2014 held at Vemana Institute of Technology Bangalore, held on 25th and 26th of April 2014.

9. Published a paper Title “An efficient time bound network controlled remote system with dynamic power management” Proceedings of the national conference on Advance communication VLSI design and signal processing to be held at KS school of engineering on 15th of may 2014.
10. Published a paper Title “Radio relay configuration and management using local craft terminal.” Proceedings of the national conference on Advance communication VLSI design and signal processing to be held at KS school of engineering on 15th of May 2014.

Course Subjects taught

UG Level

- Basic Electronics
- Logic Design
- Network Analysis
- Electronic Instrumentation
- Network Security
- GSM
- Electronic Circuits
- Computer Communication Network
- Microcontroller
- Microprocessor
- Microprocessor Laboratories
- Logic Design Laboratories
- Analog Communication laboratory

PG Level

- Wireless and Mobile Networks

Student Projects Guided

- UG: 05
- PG: 01

Curricular and co-curricular activities

Chief Cordinator, VTU theory and practical exams, 2015-16

Placement Coordinator from 2013 till date.

Programs/Seminars/Conferences Organized

1. Meraki-2016, Project Exhibition for UG and PG, held on 12th May 2016, R R Institute of Technology, Bengaluru.
2. ASET-2016, National Conference, held on 7th May 2016, R R Institute of Technology, Bengaluru.

Programs/Seminars/Conferences Attended

1. Niranjan L, "Intelligent Speed Governor in Multi-Zones Using RF and GSM Communication" in National conference on Design Innovations for 3Cs "Compute-Communication-control" Organized by Department of ECE on 4th May 2012 held at MVJCE, Bangalore, NCDI3C-2012, Pg. No.3, May-2012.
2. Niranjan L, “A Novel approach to WPT in Non-Radiative field” in National Conference held at BIT College VCS-2012 on 30th and 31th of October 2012.

3. Niranjan L "Document Automation and Management using Digital Security" in National conference on Design Innovations for 3Cs "Compute-Communication-control" Organized by Department of ECE on 4th May 2012 held at MVJCE, Bangalore, NCDI3C-2012, Pg. No.18, May-2012.
4. Niranjan L, "A Novel approach to WPT in Non-Radiative field" in National Conference held at BIT College VCS-2012 on 30th and 31th of October 2012.
5. Niranjan L "WSN Based Advanced Irrigation Vehicle operated using smart phone-AGRIBOT, held on 7th May 2016, at R R Institute of Technology, Bengaluru.

Publications

Referred Journals:

1. Niranjan L, "Advance System for Driving Assistance in Multi-Zone using RF and GSM Technology", published in IJERT Journal, volume 3 Issue 06-June 2014, pp-1884-1889.

Conferences:

1. Niranjan L "Wireless power transfer using coupled magnetic resonance in the non-Radiative near field." National conference held at DBIT on 12th and 13th of October 2012. SPARKAURA-2012, Pg. No. 25-30, SPARKAURA-2012.
2. Niranjan L "Advance system for automatic driving assistance with intelligent speed governor in multi-zones using RF and GSM technologies". Proceedings of the National Conference on Technological advances in electronic system design NCTAESD 2014 held at Vemana Institute of Technology Bangalore, held on 25th and 26th of April 2014.