

CURRICULUM VITAE

Mr. Suhas A.R_{M.Tech}

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Academic Qualifications

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

Experience

- 5years of experience in Teaching
- ***Academic:***
- Assistant Professor, RR Institute of Technology, Bengaluru, 4th July 2011

Memberships of Professional Bodies

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

Study Materials developed

- Laboratory Manual for Logic Design lab
- Laboratory Manual for Analog Communication laboratory.

Books Authored /Edited

1. Proceedings of National Conference on “ INNOVATIONS & CHALLENGES IN CIVIL ENGINEERING-ICICE-13” Department of Civil Engineering,RajaRajeswari College of Engineering – Bangalore on 26th& 27th September 2013
2. Proceedings of National Conference on “GLOBAL ECONOMIC CRISIS & ITS IMPACT ON INDIAN CORPORATES & GOVERNMENT” Department of Management Studies,RajaRajeswari College of Engineering – Bangalore on 15th -16th March 2012.
3. Proceedings of National Conference “EMERGING TRENDS IN MECHANICAL ENGINEERING-ETME’12”, Department of Mechanical EnggRajaRajeswari College of Engineering – Bangalore on 24th – 25th February 2012.
4. Proceedings of National Conference“FCST’12 Department of Computer Science &Engg. RajaRajeswari College of Engineering – Bangalore 14th – 15th February 2012.
5. National Conference on Neoteric in Electrical & Electronics Engg “NEE12” Department of Electrical & Electronics RajaRajeswari College of Engineering on 9th& 10th May 2012.
6. National Conference on AME-09, Dept of Mechanical Engg, DBIT, Bangalore-74, Funded by AICTE, New Delhi and VTU Belgaum on 30th – 31st March 2009.

Course Subjects taught

UG Level

- Basic Electronics
- Logic Design
- Electronic Circuits
- Hardware Description Language
- Information Theory and Coding
- Satellite Communication
- Computer Communication Network

- Digital Switching System
- Microprocessor
- Microprocessor Laboratories
- Logic Design Laboratories
- Analog Communication laboratory

PG Level

- Probability and Random Process

Student Projects Guided

- UG: 08
- PG: 01

Curricular and co-curricular activities

Chief Coordinator, Internal Assessment Test 2015-16

Nodal Officer, BSNL EETP Program (Sponsored by AICTE) 2012-15

Chief Coordinator, VTU theory and practical exams, 2014-15

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. Suhas A.R, "FLIGHT DATA RECORDER", NCWCT 2011 conducted in Dr. AIT Bangalore on 27th and 28th April 2011.
2. Suhas A.R, "Analysis of Digital IIR filter in LABVIEW", "National conference on recent trends in Communication and Networking", held in DBIT, Bangalore on 27th and 28th March 2013.
3. Suhas A.R, "Wireless Data Acquisition module for Simulators", in Technological Advances in Electronic Systems Design (NCTAESD-2014) held in Vemana Institute of Technology, Bangalore, vol 1, pp 98-102, April 2014.
4. Suhas A.R, "Simulation of OFDM using MATLAB", National Conference on Advanced Communication, VLSI Design and Signal Processing" (NCCVS-15) held in K.S School of Engineering and Management on 28th April 2015.

Publications

Referred Journals:

1. Suhas A.R, "A Comparative Study between Extended Kalman filter and Unscented Kalman filter for Traffic State Estimation", published in IJJET Journal, volume 4 Issue 1- June 2014, pp- 188-197.
2. Suhas A.R, "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. Suhas A.R, "Multi-stage AUV-Based localization for Under water Wireless sensor network", Design Innovations for 3C^s "Computer Communication control" held in MVJCE, Bangalore On 4th May 2013 .

2. Suhas A.R, "Estimation of TTC ground station performance parameters", Design Innovations for 3C^s "Computer Communication control" held in MVJCE, Bangalore on 4th May 2013.

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