**DEEKSHITH B N**

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To impart the basic and modern skills effectively to meet the present and future demands of industry and societal needs.

**WORK EXPERIENCE:**

Total 4 years of Teaching experience, 1 year of Industry Experience.

* Worked as Hardware Engineer from Aug 2016 to July 2017 in Zumi Solutions Bangalore.
* Worked as an Asst. Professor from Aug 2012 to June 2016 in TCE department at GSSSIETW Mysuru.

**ACADEMICS**

* **M.Tech VLSI & Embedded Systems** from Sri Siddhartha Institute of Technology, Tumkur with an aggregate of **79.1%**
* **B.E. Electronics & Communication** from **Shridevi Institute of Technology under** VTU.

**MEMBERSHIP OF PROFESSIONAL BODIES/SOCIETIES**

* Life Time member for ISTE
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**PAPER PUBLICATION**

**International Journals Published:**

1. **Deekshith B N** “**Gesture Based Car Gaming**” International conference on Innovations in Computing & Networking ICICN-16, Raja Rajeswari College of Engineering, Bengaluru,12th -13th May 2016
2. **Deekshith B N** “**Facial expression Recognition using Property of Symmetry**” International Journal of Electrical and Electronic Engineering & Telecommunications, Volume 3, No 3, July 2014,PP 61-67.
3. **Deekshith B N** “**GPS Based Virtual Eye For Visionless**”, International Journal of Scientific Engineering and Applied Science (IJSEAS), Volume-1, Issue-4, July 2015, PP 101-106.
4. **Deekshith B N** “**Network Remote control system based on FPGA**” International conference on VLSI and Signal Processing (ICVSP-2012) at KS Institute of Technology, Bangalore, during 4th-5th May 2012.
5. **Deekshith B N** **“Optimized Routing Algorithm for Congestion Control In Wireless Sensor Network**,” International Journal for Mobile and ADHOC Network, Vol4.
6. **Deekshith B N** “**Integer Wavelet Based Stenography Model By Selecting Variable Bit Length**” International Journal for Mobile and ADHOC Network, Vol4.
7. **Deekshith B N** “**Field programmable Gate Array Based Network Remote Control System**” at International Conference on Electrical and Electronics Engineering (ICEEE) held at Mysore on 30th June 2012.

**National level**

8. **Deekshith B N** “**Network GSM Based CAN Interface to ARM for Humidity Remote Monitoring and Temperature for Industrial Application**” in IEEE national conference at Canara Engineering College, Mangalore.

EVENTS ORGANISED & CO-ORDINATED

1. Coordinated five days workshop on **“NBA Accreditation”** at GSSSIETW, Mysuru during 21st July 2015 to 23rd July 2015.
2. Coordinated One day Workshop on **“Network Simulator-2”** on 26th April 2014 held at GSSSIETW, Mysore.
3. Coordinated Train the Trainer workshop on **“Cloud Computing”**, in collaboration with Infosys campus Connect, GSSSIETW, July 10th -12th 2013.

WORKSHOP/CONFERENCE/SEMINARS ATTENDED

1. Attended five days Winter School on **“SCILAB”** at M.S Ramaiah Institute of Technology from 28th Dec 2015 to 1st Jan 2016.
2. Attended Participated in five days workshop on **“NBA Accreditation”** at GSSSIETW, Mysuru during 21st July 2015 to 23rd July 2015.
3. Attended Participated in one day workshop on **“Signals and Systems”** with its applications organized by IETE during 22nd February 2015.
4. Attended TEQIP-II Sponsored one day technical seminar on emerging field **“Cognitive Software Defined Radio & Open Source Software Programming”** on 7th January 2015 conducted by department of Information Science Engineering, Dr.Ambedkar Institute of Technology Bangalore.
5. Attended in One day workshop on **“Wirless sesnsor Network”** on 17-04-15 at GSSSIETW,Mysuru .
6. Attended two day workshop on "**Embedded Systems using MSP430"** conducted by Gill Instruments in association with Texas Instruments at GSSSIETW, Mysore on 29th and 30th of September 2014.
7. Attended One day Workshop on **“Network Simulator-2”** on 26th April 2014 held at GSSSIETW, Mysore.
8. Attended Five days FDP on “**Embedded System Design Using ARM7 and TMS320C6713”** Sponsored under TEQIP conducted by Department of Instrumentation Technology, SJCE, Mysore from 14th to 18th July 2014.
9. Attended one day Faculty Development on “**Emerging Trends in Wireless Networks and Avenues for Research”**, VVIT, Mysore.
10. Attended Three-Days Infosys Campus Connect “**Deep Dive Faculty Enablement program on Business English”**, VVIT, Mysore, 20th -22nd Jun 2013.
11. Attended **“MATLAB for Data Processing and Application Development”**, Math works, Bengaluru, 10th Jan 2013.
12. Participated in **“Two-Day DRDO Sponsored Workshop on Software Defined Radio and Cognitive Radio”**, PSGCE, Coimbatore, 4th -5th Jan 2013.
13. Participated in **“Wipro Mission 10X faculty Development Programme”**, VVIT, Mysore, August 2012.

**PROJECTS GUIDED AND GUIDING**

1. “Facial Expression Recognition using the property of Symmetry” for UG students.
2. “Home area assistance for visionless using Sonar” for UG students.
3. “Autonomous Two Wheeled Balancing Robot” for UG students.
4. “Low Noise OCXO” ” for UG students.
5. “GPS Based Virtual Eye for Visionless” for UG students.