

RESUME



Manjunath K.G

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Objective:

An opportunity to work in a vibrant and exciting environment that sharpens my Skills and to contribute positively towards the growth and prosperity of the Institute and also to secure a position in this ever expanding field by virtue of my sincerity and dedication.

Work Experience:

7 years of teaching experience from **Department of Electronics and Instrumentation Engineering.**

1 year of teaching experience from **Department of Electronics and Communication Engineering.**

- Working as an Assistant Professor in **Bapuji Institute of Engineering and Technology**, Davanagere from August 2013 to till date.

Academic Credentials:

- **Master's degree in Digital communication and networking** at Univ BDT College of Engineering (UBDTCE), Davanagere, affiliated to Visvesvaraya Technological University (V.T.U) **Aggregate:72.45%** - (First Class with Distinction).
- **Bachelor of Engineering in Electronics & Communication Engineering** from Sri Taralabalu Jagadguru Institute of Technology (S.T.J.I.T), Ranebennur, affiliated to Visvesvaraya Technological University (V.T.U). **Aggregate:71.20%** - (First Class with Distinction).

Patent filed: Application patent numbered 202141009208 dated 5-03-2021 has been filed for Intellectual Property, Government of India, Patent Office, and Chennai.

Skills:

- Keil micro vision 4 tool, Xilinx software, Labview tool, Matlab

Roles and Responsibilities:

- Department NBA Criteria 5,6 and 7 Coordinator
- Department Website Coordinator
- Nominated for Institute AICTE Activity Points Cell
- Department Coordinator for Green Campus Activity
- Worked as Deputy Chief Superintendent External/ Squad
- Department Forum Coordinator
- Department Placement Coordinator
- Team Member for MOU of Institute with Prolific Systems and Technologies Pvt. Ltd., Bengaluru - an Advanced Automation Training provider and a leading automation solution provider. Prolific Systems is an approved training partner of NSDC (National Skill Development Council- Government of India). The MOU intends to interface academia and industry practice.

Workshop Organized:

- Organized a workshop on “Embedded IOT with its Applications” in association with Abeyaantrix Soft labs Pvt Ltd for the students of EIE from 27th to 29th February 2020.
- Organized a workshop on “PLC and SCADA” in association with Prolific Technologies, Bengaluru for the students of EIE from 23rd to 25th October 2019.
- Organized Two Days workshop on “Advanced Instrumentation “for the faculty of IT/EIE/BM/EC/EE/Chemical on 6th & 7th of April 2015.
- Organized a workshop on “Graphical System Design Platform- Lab VIEW” in association with VI Solutions, Bengaluru for the Staff and students of IT & EC from 27 Sep to Oct 2014.

Publications:

- Published a paper “New Machine Learning Method for Image Based Diagnosis of COVID-19” in IJCESR 2021, ISSN (Print): 2393-8374, (Online): 2394-0697, Volume-8, Issue-6, 2021.
- Presented a paper “A Novel Approach on Ceiling Fan based System to avoid Suicide by Hanging” in NCRACES -2019 Conference Proceedings Organized by Department of Telecommunications and Instrumentation Engineering in GSSSIETW Mysuru on 20-05-2019.
- Presented paper entitled “Smart garbage monitoring system using IOT” in the XIV control Instrumentation system conference CISCON 2017 organized by Dept. of ICE, MIT, Manipal on 3rd and 4th November 2017.
- Presented paper on “IoT based Waste Bin Level Management System”, Journal of Current Trends in Information Technology STM Journals.

Workshop Attended:

- Participated in National Level One Week Online FDP on “Introduction to Microchip FPGA” Organized by Department of Electronics and Communication Engineering, BIET, Davanagere from 19-23 July 2021.
- Participated & completed AICTE Training and Learning (ATAL) Academy Online FDP on " Control systems & Sensors Technology " from 19-23 Jan 2021 organized by MIT, Manipal.
- Participated & completed AICTE Training and Learning (ATAL) Academy Online FDP on "Building Smart Things by Leveraging IoT" from 04-08 Jan 2021 organized by JNNCE, Shivamogga.
- Participated & completed AICTE Training and Learning (ATAL) Academy Online FDP on "Artificial Intelligence and Machine Learning Applications in Biomedical Engineering" from 21- 25 Sept 2020 at University BDT College of Engineering.
- Attended One Day Workshop on eSim, a First Course in IOT series for Teachers held at BIET on 21stSeptember 19.
- Attended One Week Short Term Training Programme through ICT Mode on “Effective Teaching” organized by Department of Information Science Engineering, BIET from 15th July 2019 to 19th July 2019.
- Attend two days’ workshop on “ARM Cortex M3 Microcontroller” organized by Department of Electronics and Communication Engineering ISTE-BIET Chapter and Advanced Electronic Systems, Bengaluru on 23rd and 24th Jan 2018.
- Attended one-day Workshop on “ARM Processor and its Applications” organized by Computer Science & Engg. Department in association with Advanced Electronics Systems, Bangalore held at GMIT, Davanagere
- Attended two days’ workshop on “Sensor Networks “jointly organized by the Department of E&IE &BME, in association with APCOG Systems Pvt Ltd, on 17th to 18th Feb 2016.
- Attended one-day Workshop On “Research methodology” organized by Research and Development cell of BIET in association with ISTE-BIET Chapter, Davanagere held on 28th Oct 2015.
- Attended FDP on “Image Processing and its Applications” organized by E&CE Department, BIET in association with IETE Shivamogga sub center, IETE New Delhi & ISTE Karnataka Section, ISTE BIET Davanagere held on 29th Oct and 30th Oct 2014.
- Attended four days’ workshop on “Graphical System Design Platform Lab VIEW” organized by VI solutions, Bengaluru and BIET, Davanagere from 27th Sept to 1st Oct 2014.
- Attended one-day Workshop on “Research Add-ons” organized by Dept. of CSE, BIET, Davanagere held on 19th Mar 2014.

Achievements:

- KSCST funded Project titled “Monitoring of Border Incursion for National Security”, for guiding the student during the year 2020-2021 (44th Series).
- KSCST funded Project titled “Smart Garbage Monitoring System using IOT”, for guiding the student during the year 2016-2017 (39th Series).

Subjects Handled

1.Fundamentals of HDL	2.Logic Design
3.VLSI Design	4.Transducer and Instrumentation
5.Operating System	6.Communication Systems(analog and Digital)
7.Digital Image Processing	8. Embedded Controllers(Microcontrollers)
9.Computer Communication Networks	10.Biomedical Instrumentation
11. ARM Processor	12. Embedded Systems with Programming
13. Lasers and Optical Instrumentation	14. Management and Entrepreneurship Development
15. Control Systems	16. Mechatronics