




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT
22 Mile, B.M Kaval, Udayapura, Kanakapura Road, Bangalore-560082.
DEPARTMENT OF Electronics and Communication Engineering
Accredited NBA, NAAC with A+, New Delhi

Faculty Name	BHARATH K N	
Designation	Assistant Professor	
Educational Qualification	M.Tech(Ph.D.)	
Experience in Years	9 years	
Area of Interest	Medical Image Processing	
Date of Birth	20/03/1990	
Email ID	bharath-ece@dsatm.edu.in/ knb1990@gmail.com	

Educational Details

Ph.D. – Pursuing (Course work and Comprehensive Viva completed)
M.Tech. in Digital Electronics & Communication Systems.
BE in Electronics & Communication Engineering

Personal Details

Father Name : **Nagarajegowda**
Date of Birth : **20-03-1990**
Languages : **Kannada, English, Telugu, Hindi**
Nationality : **Indian**
Marital Status : **Married**

Professional Experience

8.7 Years of Teaching Experience: July 2013 – June 2014 in GEC, Hassan & from July 2014 to December 2021 in GMIT, Mandya. Currently I am Working in DSATM from December 2021 to till date

Publications

- 1. K N Bharath, P Kiran, B D Parameshachari, J Yashwanth, “Offline Signature Recognition Using Image Processing Techniques and Back Propagation Neuron Network System”, 2021.**
- 2. Bharath K N , Yogesha B R , Karthik N S , Anusha G T , Ramya M R, “Unmanned Arial System for Medical Emergencies”, 2019.**
- 3. K N Bharath, G. Padmajadevi, Kiran, “Hybrid Compression Using DWT-DCT and Huffman Encoding Techniques for Biomedical Image and Video Applications”,**

2013.

National Conferences:

1. Bharath K N, Nithyananda M S, Sahana G D, “Smart home control system by IoT based on Zigbee”, NCESC -2017
2. Bharath K N, Akshatha, “Advanced partial image encryption using two stage hill cipher technique”, “emerging trends in engineering & technology”, 2015

International Conferences:

1. K N Bharath, P Kiran, B D Parameshachari, J Yashwanth, “Offline Signature Recognition Using Image Processing Techniques and Back Propagation Neuron Network System”, 2021.

Academic Activity

1. I have **THREE FUNDED PROJECTS** under my guidance. Two of them were sponsored by Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore, in the academic year 2020-2021 and 2016-2017. The other one is sponsored by VTU, Belgaum.
2. Organized **TWO Workshops** for students on Arduino and ARM7

Faculty Development Activity

1. Two days online FDP on “Effective Technical report writing using LaTeX”, MGIT, Hyderabad, 8th - 9th Jun 2020.
2. One week FDP on **SPOKEN TUTORIAL FREE OPEN SOURCE SOFTWARE (FOSS)** on Python course in 2020.
3. Cleared The Awareness **QUIZ on COVID-19** event with 88% score, organised from 03 June 2020 to 07 June 2020 by Internal Quality Assurance Cell (IQAC) of Sri Venkateshwara College of Engineering, Bengaluru-562157.
4. Webinar Series on “Telemedicine, IOT and Nano science”, Organized by GSSSIETW IEEE student branch from 10th to 12th Jun 2020.
5. “Doing research: Challenges, Do’s and Don’ts”, Under IQAC Cell, GSSSIETW, Mysuru.
6. National level live Webinar on ‘Intellectual Property Rights & Indian Patent Filing Procedure’ on 19th June 2020.
7. TEQIP-III sponsored online Faculty Development Programme on “**RECENT ADVANCES IN AUTOMATION AND NETWORKING**” held from 18th to 20th June 2020 organized by Department of Electronics and Communication Engineering, Basaveshwar Engineering College (Autonomous), Bagalkot, Karnataka, India.
8. “Advanced quiz on COVID-19”, organized by DOS in Zoology, University of Mysore.

9. **One week FDP on SPOKEN TUTORIAL FREE OPEN SOURCE SOFTWARE (FOSS) on Arduino course in 2020.**
10. **Webinar Series on DevOps tool, by Reva university, held between 19th – 22nd Jun 2020**
11. **Five Day Online Faculty Development Program on “Research Opportunities in Signal Processing” held from 13th to 17th July 2020 organized by the Department of Electronics and Communication Engineering, VVCE, Mysuru.**
12. **“6 Days Faculty Development Programme” organized by BET, Bharathinagara from 15th – 20th Jul 2019.**
13. **One week FDP organized by EDII SRO, Bangalore from 18th to 24th Jan 2018.**
14. **FDP on “Network Simulation (NS3) & Next Generation Mobile Networks”, MSRIT, Bangalore in 2018.**
15. **FDP on “Tele Medicine & Biomedical Signal Processing & Data Analytics for Indian Health Care Applications” in T.John Institute of Technology, Bangalore in 2018.**
16. **FDP on “Advances in Image Processing & Computer Vision Applications using Python & OpenCV”, KIT, Tiptur in 2017.**
17. **Workshop on “Special Educational Programmes for Slow Learners”, UVCE, Bangalore in 2017.**
18. **FDP on “Design & Development of Embedded System using MSP430”, DSCE, Bangalore in 2016.**
19. **Workshop on “Digital Image Processing”, SSIT, Tumkur in 2014.**

Administrative Activity

1. **I was the Editor of GMIT College Newsletter (SUVAARTHA); I was also the head of Social Media Committee of the college.**
2. **Worked as a Coordinator for PMKVY courses of ECE Department which got funds upto 3lacs. Applied for 4 Special Projects and 3 Short term training courses under PMKVY.**

Contact Details

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My Vision

To contribute to the growth of the Students Technically and to make them a responsible citizens with great engineering skills and human values.