




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

(Accredited by NBA, NAAC with A+, New Delhi)

Faculty Name	BHARATH K N	
Designation	Assistant Professor	
Educational Qualification	M.Tech (Ph.D.)	
Experience in Years	10 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

9 Years of Teaching Experience: 1 Year in GEC, Hassan & 8 Years in GMIT, Mandya

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 Aerial 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.

4. **K N Bharath, Mohammad Fayaz, Ravi Avati, Sanjay Gowda N, Prashanth N, “A survey on Solar – based wireless Electric Vehicle Charging System.”, MAT Journals 2023, Pg 17-22.**
5. **Kiran, Bharath K N, Gururaj H L, Francesco Flammini and Sunil Kumar, “Genuine Forgery Signature Detection using Radon Transform and K-Nearest Neighbour”, DOI: 10.7906/indecs.20.6.7, 2022.**
6. **Sunil Kumar D S, Manju H, Harshitha R, Bharath K N, Ganesh kumar M T, Kiran, “2D/3D Convolution Neural Networks for Alzheimer’s disease prediction using Brain MRI Image”, IJCA(0975-8887), December 2022.**
7. **Kiran, Sunil Kumar D S, Bharath K N, Harshitha R, Sharath Kumar A J, “Histogram based Visible Image Encryption for Real Time Applications”, JERNS, Feb, 2022.**

National Conferences:

1. **Bharath K N, Nithyananda M S, Sahana G D, “Smart home control system by IoT based on Zigbee”, NCEC -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.**
2. **P. Kiran, B D Parameshachari, Jashwanth, K N Bharath, “Offline Signature Recognition Using Image Processing Techniques and back Propagation Neuron Network System”, S N Computer Science(2021) 2:196.**

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.

Course Completed

Digital Circuits – NPTEL Certified

Contact Details

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Dayananda Sagar Academy of Technology & Management,
Udayapura, Kanakapura Road
Bengaluru-560082

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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.