




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	Dr. Ravikumar H C	
Academic Designation	Assistant Professor	
Educational Qualification	BE, M. Tech, Ph.D	
Experience in Years	13.3	
Area of Interest	Image Processing	
Date of Birth	01-09-1985	
Email ID	raviec40@gmail.com	

Educational Details

- Ph.D (Electrical & Electronics Engineering Sciences) – VTU, Belagavi, 2022
- M.Tech (VLSI Design & Embedded Systems), VTU, Belagavi 2009.
- B.E (Electronics & Communication Engineering) VTU, Belagavi, 2007.

Personal Details

- Date of Birth: 01/09/1985
- Hobbies: Playing and Watching Cricket, Planting Trees.
- Languages Known: Kannada, English & Hindi.

Professional Experience

- Worked as an Lecturer & Assistant Professor in Ghousia College of Engineering at Ramanagara from 19-02-2010 to 22-10-2022.
- Worked as Lecturer in Rajeev Institute of Technology at Hassan from 27-07-2009 to 18-02-2010.

Publications

International Journals:

- Customized Mask R-CNN for Un-uniformed Shape Text Detection and Text Recognition, communicated and accepted by International Journal of Electrical and Computer Engineering, 2021.
- Optimized and Efficient Deblurring through Constraint Conditional Modelling, Indonesian Journal of Electrical Engineering and Computer Science (IJEECS), Vol. 21, No. 3, pp. 1503-1512, 2021.
- Image De-blurring based on Constraint Conditional model, International Journal of Innovative Technology and Exploring Engineering (IJITEE), vol 9, issue 3, pp 995-1000, 2020.
- Reconstruction of MR Images using Sparse Signal Sequences in Frequency Domain, International Journal of Innovative Technology and Exploring Engineering (IJITEE), vol 9, issue 3, pp 895-902, 2020.

- A Theoretical Approach on Detection and Recognition of Text in Complex Images and Video Frames, International Journal of Pure and Applied Mathematics (IJPAM), vol 119, no. 14, pp. 103-110, 2018.

International Conferences:

- Automatic Brain Tumor Segmentation & Severity Assessments, in 2nd International Conference on recent trends in Signal Processing, Image Processing & VLSI organized by Department of Electronics & Communication Engineering, DBIT, Bangalore on 15th & 16th May 2015.

National Conferences:

Conference Attended

- Attended a National Conference on “Emerging trends in Electronics and Communication” organized by Dept. of ECE, BGSIT, B.G Nagar, Mandya on 4th April 2014.

Seminar Attended

- Participated in the webinar on “Recent Trends in Moving Object Detection Schemes” organized by IEEE KSSEM student branch in association with IEEE Bangalore Section on 4th Feb 2022.

Workshop Attended

- Participated in Two day’s workshop on “RESEARCH METHODOLOGY” held at Cambridge Institute of Technology, from 21st to 22nd October 2016.
- Participated in two days workshop on “Recent Trends and development on Microcontroller based system using ARM Cortex M4 Processor” organized by Dept. of ECE, Ghousia College of Engineering, Ramanagara on 18th & 19th Jan 2016.
- Participated in Three day’s workshop on “Signal Processing with Matlab & Simulink” organized by Dept. of ECE, GCE, Ramanagaram from 21st to 23rd March 2013.

Patents published with All Details

Title: Smart Irrigation System using IOT based Control Valve

Application No. : 2020102865

Date of Publication: 10-September-2021

Country: India

Research Grants fetched with File No.

Student Project Funds Fetched with Grant No.

Consultancy Amount Fetched with Details

Awards

Academic Activity

- Class Coordinator

Faculty Development Activity/Workshops

- Participated in ATAL Academy Online Advanced FDP on “Artificial Intelligence and Blockchain Application for Food Agriculture Sector” organized by Indian Institute of Plantation Management, Bengaluru, from 24th to 28th Jan 2022.
- Participated in ATAL Academy Online Elementary FDP on “Machine Learning Applications on Image Processing” organized by Nagarjuna College of Engineering & Technology, Bengaluru, from 17th to 21st Jan 2022.
- Participated in Five days online National Level FDP on “PCB Design” organized by Dept. of ECE, VVIET, Mysuru in association with Sienna ECAD technologies and ESSCI, from 29th June to 03rd July 2020.
- Participated in One-week online FDP on “Designing Automation for Future Industries” organized by Dept. of ECE, Ghousia College of Engineering, Ramanagara, from 9th to 13th June 2020.
- Participated in One day FDP on “Effective e-Resources Retrieval Strategies for Efficient Research” organized by Library and Information Centre in collaboration with IEEE, Ghousia College of Engineering, Ramanagaram on 9th Feb 2019.
- Participated in AICTE Sponsored two weeks SDP on “Recent Developments in Renewable Energy Sources & Its Applications” organized by Dept. of Mechanical Engineering, Ghousia College of Engineering, Ramanagaram from 13th to 25th Nov 2017.
- Participated in two days FDP on “Research Proposal Preparation Towards Ph.D. admission Programmes” organized by Dept. of ECE, KSSEM, Bangalore on 25th & 26th Jul 2017.
- Attended FDP on “Cloud Computing, Digital Learning, Artificial Intelligence & NPTEL” organized by iON PRIDE, TCS Global Axis, Bengaluru on 23rd & 24th Jan 2016.
- Attended FDP on “VLSI Design and Intellectual Property” organized by Dept. of ECE, Jyothi Institute of Technology, Bangalore on 9th & 10th Jan 2015.
- Attended FDP on “Advances in CMOS VLSI Design” organized by PESCE, Mandya sponsored by VGST from 8th Feb to 10th Feb 2011.

Contact Details

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