




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 NBA, NAAC with A+, New Delhi

Faculty Name	Dr R V Manjunath	
Academic Designation	Assistant Professor	
Educational Qualification	BE, M. Tech, Ph. D	
Experience in Years	12	
Area of Interest	Medical Image Processing, Deep Learning, Signal Processing	
Date of Birth	09/11/1985	
Email ID	manjunathrv@dsatm.edu.in	

Educational Details

- Ph. D in DSATM Research center, Bangalore under VTU Belgaum Jan 2023.
- M. Tech in PESIT, Bangalore under VTU Belgaum Jan 2011.
- B.E in APSCE, Bangalore under VTU Belgaum Jan 2008.

Personal Details

- Date of Birth: 09/11/1985
- Hobbies: Listening to music
- Languages Known: English, Kannada & Telugu

Professional Experience

- Assistant professor in ECE Dept., at Dayananda Sagar Academy of Technology and Management, from 26/07/2012 to present*
- Worked as Lecturer in Auden Technology and Management Academy at Bengaluru from 25/07/2011 to 31/05/2012

Publications

International Journals:

- **R V Manjunath**, Karibasappa Kwadiki “Deep learning algorithm performance evaluation in detection and classification of liver disease using CT images” Multimedia Tools and Applications, Springer. May 2023. (**Scopus Indexed**) (Q1)
- **R V Manjunath**, Karibasappa Kwadiki “Modified U-NET On CT images for automatic segmentation of liver and its tumor” Biomedical Engineering Advances, Elsevier Journal, June 2022. (**DOAJ Indexed**).
- **Mr. R V Manjunath**, Dr K Karibasappa, “Automatic liver and tumour segmentation from CT images using Deep learning algorithm”, Results in Control & Optimization, Elsevier Journal. September 2021 (**Scopus Indexed**) (Q3)

- **R V Manjunath**, Yashaswini Gowda N “Liver and Tumor segmentation from 3Dircadb dataset” Iranian Journal of Electrical and Electronics Engineering”. March 2023, (**Scopus Indexed**) (**Q4**) (**Under Revision**)
- **R V Manjunath**, Yashaswini Gowda N “Automatic skin lesion segmentation using a hybrid deep-learning algorithm” Multimedia Tools and Applications, Springer. June 2023. (**Scopus Indexed**) (**Q1**) (**Under Revision**)
- **Mr. R V Manjunath**, Dr.K Karibasappa "Segmentation of CT images to extract liver using algorithms" International journal of engineering and advanced technology (IJEAT),ISSN: 2249-8958,volume 9, issue 3, February 2020
- **Mr. R V Manjunath** "A few image processing algorithms on DM642" International journal of trend in research and development (IJTRD), ISSN:2394-9333, Volume 6, issue 4, July-August 2019
- **Mr. R V Manjunath**, Mrs. Yashaswini Gowda N, “Model of Digital Blood Pressure Meter Using FPGA”, IJTRD, July – August 2018.

National Journals:

- **Mr. R V Manjunath** "Agriculture Crop Protection from Animal Ambush Review", MAT Journals 2023.
- **Mr. R V Manjunath** “Agricultural crop defence from animal lambast” International journal of trend in research and development (IJTRD), ISSN:2394-9333, Volume 10, issue 3 , May-June 2023
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National Conferences:

- “Au25 Gold Nanoclusters for Enhancing Organic Cell Parameters” National Conference on Electronics, Signals & Communication, GSSSIETW, Mysore on 29/05/2017.
- "Bank Locker Security System Using Voice and Face Authentication” in the National Conference on Convergence of Science, Technology and Management NCCSTM-2020, held on May 2020 at DSATM, Bangalore.
- "Smart Boat for Real-Time Water Monitoring System", in the National Conference on Convergence of Science, Technology and Management NCCSTM-2019, held on May 2019 at DSATM, Bangalore.
- "Detection & Monitoring of Contained Water Sources for Contamination using IOT”, in the National Conference on Convergence of Science, Technology and Management NCCSTM-2018, held on May 2018 at DSATM, Bangalore.
- "Handwritten Medical Prescription Recognition” in the National Conference on Convergence of Science, Technology and Management NCCSTM-2017, held on May 2017 at DSATM, Bangalore.
- "Multipurpose Intelligent Bus with Smart Ticketing System,", in the National Conference on Convergence of Science, Technology and Management NCCSTM-2016, held on May 2016 at DSATM, Bangalore.
- "Advanced Vehicle Security System with Theft Control", in the National Conference on Convergence of Science, Technology and Management NCCSTM-2015, held on May 2015 at DSATM, Bangalore.

Conference Attended

- Sagar Centenary IEEE international conference on disruptive technologies,2021

Workshop Attended

- A 3-day Workshop on Teaching Learning Process.
- Workshop on NBA Process
- Workshop on NAAC
- “Practical Hands-on training on Image Processing for Project Implementation, MATLAB & open-source perspective”, Department of ECE, CMRIT, Bangalore,2019

Courses completed

- Web Component Development Using Java Technologies from NIIT(SCJP)
- Programming using C++ from NIIT
- Database and Windows Application Development from NIIT
- Completed NPTEL course on **Medical Image Analysis**
- Certified Microchip Academy trainer
- Completed NPTEL course on **Outcome Based Education**

Awards

- Winners of the DSI Sagar cup staff cricket tournament 2017,2018,2019 and **Runners of** the DSI Sagar cup staff cricket tournament in 2014, 2015, 2016 & 2022
- Winners of the tournament and Best batsman award in DSATM staff cricket tournament.

Academic Activity

- **List of journals Reviewed:**
Journal of X-Ray Science and Technology (Q2)
Bulletin of the Polish Academy of Sciences: Technical Sciences(Q3)
Expert Systems with Applications(Q1)
- College-level NAAC coordinator.
- Representing as Placement coordinator since 2012 till date.
- DSATM SUPER 30 Coordinator
- Code chef Coordinator
- NeoPAT Coordinator
- Represented as Test coordinator for year 2013-14 and 2014-15.
- Worked as a Nodal officer for AICTE – BSNL Employability enhancement training program during 2014 - 2017.
- Representing NBA4 criteria main in charge.
- Represented the department as an IQAC coordinator till 2020.
- Represented as Seminar coordinator during 2021-2022
- Represented as miniprojector coordinator during 2022-2023
- Departmental Sports Coordinator since 2012
- Represented as Alumni coordinator from 2015 to 2020
- Represented the college in the two-day COMED-K exhibition 2013-2014

Faculty Development Activity/Workshops

- FDP on 6G wireless communication
- Outcome-based pedagogic principles for effective teaching
- Faculty Immersion Program on Pedagogical Approaches for 4 days
- Completed AVR microcontroller programming course from microchip academy
- FDP on Artificial Intelligence (ML&DL) using Labview
- FDP on IoT and Embedded Systems.
- FDP on ARM CORTEX embedded controller for 4 days
- FDP on Outcome Based Education for 3 days
- Organized two-day workshop on Quadcopter
- Organized four days Faculty development program on microchip training using proteus professional
- Organized one day workshop on microchip training using TINKERCAD web application.

Contact Details

Assistant Professor

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