




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	MANJUNATHA PRASAD R	
Academic Designation	Professor and HOD	
Educational Qualification	M.E, PhD	
Experience in Years	27	
Area of Interest	IMAGE PROCESSING & VLSI	
Date of Birth	25-03-1972	
Email ID	rmptiptur@yahoo.co.in, hodec@dsatm.edu.in	

Educational Details

- Ph.D (Image Processing)- VTU, Belgaum-2013
- M.Tech (Digital Electronics)- Karnataka University, Dharwad -1998
- B.E (Electronics and Communication)- Bangalore University.-1993

Personal Details

- Date of Birth: 25-03-1972
- Hobbies: Light Music, Anchoring the Programmes
- Languages Known: Kannada, English

Professional Experience

- Worked as Lecturer in E&C at K.I.T.Tiptur from 1993 to 2001
- Worked as Asst. Professor & Head in E&C at KSIT, B'lore from 2001 to 2011
- Worked as Associate Professor in TCE at DSCE, B'lore from 2011 to 2012
- Working as Professor and Head in the Dept of ECE, Dayananda Sagar Academy of Technology and Management, DSATM, Bangalore from 2012 till date

Publications

International Journals:

1. Roopa B S, Dr. R Manjunatha Prasad, "A Selection of an Optimal Framework Identifying the Prominent Autism Risk Gene Biomarkers from Gene Expression Data Using Neural Network", Springer Nature, <https://doi.org/10.1007/s42979-021-00559-y>, (2021) 2:241
2. Roopa B S, Dr. R Manjunatha Prasad, "Identification of Best Fit Learning Models Based on Calibration for Better Classification of Autism" International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-3, February 2020
3. Dr. R Manjunatha Prasad, Roopa B S, "SVM Classifiers at it Bests in Brain Tumor Detection using MR Images" International Journal of Trend in Scientific Research and Development (IJTSRD), Volume – 2 , Issue – 5 , Jul-Aug 2018, ISSN NO: 2456-6470, Page no: 2410-2415.

4. Mrs Rashmi V K, **Dr. R. Manjunatha Prasad**, "*Real Time routing in Wireless Sensor Networks*" International Journal of Engineering Trends and Technology (IJETT)-Volume 47 Number 4 May 2017. ISSN:2231-5381.
5. **Manjunatha Prasad.R**, Dr.ShivaprakashKoliwad, "*Performance analysis of Wavelet-based image Watermarking system for improved Robustness*", Vol. 3, No.2, December 2011, **CiiT International Journal of Digital Image Processing**, ISSN 0974 – 9691.
6. **Manjunatha Prasad.R**, Dr.ShivaprakashKoliwad, "*A Non-Blind invisible wavelet-based watermarking scheme for digital image copyright protection*", Vol. 1 No. 2 pp. 731-737, July-December 2010, International Journal of Computer Science and Communication.
7. **Manjunatha Prasad.R**, Dr.ShivaprakashKoliwad, "*A Comprehensive Survey of Contemporary Researches in Watermarking for Copyright Protection of Digital Images*", Vol. 9 No. 4 pp. 91-107, April-09, International Journal of Computer Science and Network Security.

International Conferences:

1. B. S. Roopa and R. Manjunatha Prasad, "*Concatenating framework in ASD analysis towards research progress*," 2019 1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE), Bangalore, India, 2019, pp. 269-271, doi: 10.1109/ICATIECE45860.2019.9063816, IEEE Publisher.
2. Roopa B S, Dr. R Manjunatha Prasad "*FPGA Based Hardback Conceptualization for Pothole Detection.*" International conference to be held on 5th to 7th Jan 2017 at Bangalore, **ICCTEST – 2017** Conference Proceedings Grenze Scientific Society, Page No 65-69, ISBN: 978-81-931119-5-6.
3. Manjunatha Prasad.R , Dr.ShivaprakashKoliwad, &Ujwala.B.S, "*A Non-Blind invisible wavelet-based watermarking scheme for copyright protection of digital images*", International conference on Signals, Systems and communication(ICSSC-2009), Anna university, December 21-23, 2009
4. Manjunatha Prasad.R , Dr.ShivaprakashKoliwad, "*A Robust wavelet-based watermarking system for digital image copyright protection*", IEEE 2nd International conference on Computing, Communication, Networking Technologies, Chettinad college of Engineering & Technology, Karur, July 29-31, 2010 (**Indexed in IEEE Explorer**) DOI-10.1109/ICCCNT.2010.5591586, 30th Sept 2010, ISBN: 978-1-4244-6591-0
5. Manjunatha Prasad.R , Dr.ShivaprakashKoliwad, Ujwala B.S, Chetan.K.R "*DCT based efficient Non-Linear Collusion Attack Resistant Finger Printing Scheme*", International conference on Communication, Computation, Control and Nanotechnology, (ICN-2010), Rural Engineering College, Bhalki, October 29-30, 2010
6. Dr. Nagaraj Nandeesh, Kiranmayee Janardhan, Dr. Manjunatha Prasad "*Dermatraction – The new and best way for wound closure*", International conference on Emerging trends in Engineering and Technology at Bangalore, on April 26, 2015.

National Conferences:

1. Manjunatha Prasad.R & Dr. Shivaprakash Koliwad, "*A Non-Blind invisible wavelet-based watermarking scheme for copyright protection of digital images*", National conference on image processing, Pattern recognition, computer vision, at PESCE, Mandya, on August 24-25, 2009.
2. Manjunatha Prasad.R & Dr. Shivaprakash Koliwad, "*Robust digital image watermarking via VQ*", National conference on application of emerging Technologies, at Adiyamman college of Engg., Hosur, on March 24-25, 2008.
3. Manjunatha Prasad.R & Dr. Shivaprakash Koliwad, "*Digital image watermarking applied to image refining*", National conference on Recent trends in E&C and IT, at CMRIT, Bangalore, on August 28-29, 2008.

Student Project Funds Fetched with Grant No.

Criminal Identification System using Facial Detection and Recognition- Rs50,000/-

Awards

Best Paper Award for "*Dermatotraction – The new and best way for wound closure*", International conference on Emerging trends in Engineering and Technology at Bangalore, on April 26, 2015.

Academic Activity

- BOE Member, VTU /Chief Superintendent, VTU Examinations.
- Established IETE student Chapter
- Established Research Centre under VTU, under which 10 research scholars are pursuing Ph.D.
- Recognized as "Network institute of IIRS/ISRO outreach Programme" & "Nodal Centre" for conducting live & interactive courses
- Involved in set-up of the state of art laboratories, from planning till implementation since inception of the department
- NBA Accreditation for 3 years
- Prepared & applying for NAAC
- Signed-up MOUs with Texas Instruments, National Instruments & CADENCE, under which various FDPs, Workshops & internships are conducted
- The department had secured 4th Rank in VTU level
- Two students of the department have received placement offer of 20 LPA in Intelligence Science Co. Ltd & Tokyo System house Co. Ltd. during 2020-21
- The department has received VGST grant of 25 lakhs
- Conducted Industry & Research conclave, Project symposium & Project Exhibition
- Received appreciation certificate for obtaining 100% result in OFC & Image processing subjects
- Chair person, National/international Conferences
- Reviewer for IET journal & IEEE conferences

Faculty Development Activity/Workshops

- 4 days FDP on Microchip training using Proteus Professional
- 5 days FDP on revised guidelines on NAAC accreditation
- FDPs on NBA & NAAC process in the institution
- 5 days FDP on "NI-Labview"
- 5 days FDP on "IOT"

- Participated in 3-Day Faculty Development program on “Research Methodology” held at DSATM, Bangalore on 21st to 23rd February 2019

Contact Details

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