

Dr. Harsha

Dr. Harsha , Assistant Professor	
Educational Qualification	B.E (Instrumentation Technology), M.Tech (Digital Electronics & Communication). Ph.D
Experience	Teaching: 17 Years.
Area of Interest	Medical Image Processing, Imaging Modality, Automation
Email ID	harsha@rvce.edu.in

Date of Joining at RVCE: 26th July 2008

Interaction with the outside world:

1. Given **Expert Talk** and **Hands-On Training** on **Virtual Instrumentation** using Lab- VIEW for **Faculty & Students** in the Six Day Workshop on “**Bio- Sensor**” organized by TEQIP.
2. Being a resource person for IUCEE Virtual Academy Orientation on Virtual Labs for Sensors and Measurements.

Consultancy Project:

1. Design and Development of Automated Injection system for Panchakarma treatment 59,000/= (Inclusive of GST).
2. Consultancy Project undertaken from Samson Automation Technologies Pvt. Ltd. Panchakula, Haryana Titled "Design and Development of Robotic Arm to place toys on the conveyor".
3. Consultancy under CISCO-IoT Centre of Excellence: Trained around 100+ students under Industrial Internet of Things. The worth of consultancy amount around 3 lakhs+

Publications:

International Journals : 09
International Conferences : 03
Book Chapters: 01
National Conference: 05

List of International Journal Publications:

1. Harsha Herle Dr. Padmaja K V “Relative Merits of Data Mining Algorithms of Chronic Kidney Diseases”, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 12, No. 6, July 2021, pp575-583(Scopus Indexed journal).
2. Harsha Herle and Dr.K.V.Padmaja, Performance Assessment of Ultrasound Kidney Images using De-speckling algorithms, Indian Journal of Computer Science and Engineering, eISSN:0976-5166,2020. DOI:10.21817/indjcse/2020/v11i6/201106176
3. Shrihari A, Mr. Harsha, Dr. K V Padmaja, “Quantum-inspired weighted bilateral filtering for Despeckling in ultrasound images”, International Journal of Engineering Research and Technology”, Vol. 5 - Issue 08, August 2016.
4. Sudhamshu Mohan S, Mr. Harsha, Dr. K V Padmaja, “SVM Based Classifier for Noise Classification in Ultrasound B- mode Image ”, International Journal of Engineering Research and Technology”, Vol. 5 - Issue 08, August 2016
5. Nitin Hegde, Harsha, Naganada M S ,EEG Signal Classification using K-Means and Fuzzy C Means Clustering Methods", IJSTE - International Journal of Science Technology & Engineering, Volume 2, Issue 01, July 2015 ISSN (online): 2349-784X
6. Sumalatha K A Harsha H ,“Biometric Palm print Recognition System: A Review” in the International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4, Issue 1, January 2014.
7. Yadhuraj S.R, Harsha H,Dr.Padmaja K.V,"Removal of Noise In PPG Signals Using Wavelets",International Journal of Computer Science and Mobile Computing,Volume 2 Issue 6-June 2013,Page No 444-451
8. Muktha Shankari K, Jyothi K, Manu E O, Naveen I P, Harsha,"Wireless Automatic Water Level Control using Radio Frequency Communication",International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering,Volume. 2 Issue 4- April 2013,Page No 1320-1326
9. Harsha, Yudiraj,"Motion artifacts detection in photoplethysmographic signals –a review",International Journal of Innovative Research and Development,March 2013, Page No 626-640.

List of International Conference Publications:

1. Harsha H, & Sangamesh T C, “Detection and Correction of Intensity Inhomogeneity in MR images using Level Set Segmentation”, “International Conference on Signal and Image Processing”, 18th -19th, August 2017.
2. Harsha H, & L K Harshavardhan, , "Early Detection Of Breast Cancer Using Tracing Segmentation", International Conference On Large Area Flexible Microelectronics", 22th, December 2016.
3. The paper entitled "Development of Three axis Rotary stabilization Platform" has been published in the proceedings of International Conference On System Dynamics And Control 2010 [ISCDC2010] held at MIT, Manipal by I .K. International Publishing House. Pvt. Ltd ISBN 978-93-80578-58-3. Dated on 19.08.2010 to 22.08.2010.

Awards:

Felicitated for completion of Ph.D 2022-23 in RVCE, Bangalore, by ISTE-RVCE CHAPTER.

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