



RV Educational Institutions
RV College of Engineering

Autonomous
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 University, Belagavi

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**DEPARTMENT OF ELECTRONICS &
 INSTRUMENTATION ENGINEERING**

SI No	Name of the Research Scholars	USN	Guide Name	Year of Registrati on	University	Title of the Thesis	Status of Ph.D		Remarks
							Comple ted	Pursuin g	
1.	Dr. Anand Jatti	1RV04PEN 10	Dr. Prasanna Kumar S.C	January 2005	VTU	Image Processing of Bone Image Segmentation	YES	-	Degree Awarded in 2013
2.	Mrs. G.R. Poornima	1RV10PEN 08	Dr. Prasanna Kumar S.C	November 2010	VTU	VLSI Implementation of Algorithms and architecture for H.264 Decoder	YES		Degree Awarded in 2018
3.	Mrs. Deepashree Devaraj	1RV12PEN 05	Dr. Prasanna Kumar S.C	May 2012	VTU	Development of an Automated Early detection Cost effective tool for mass Screening of Diabetic Retinopathy	YES		Degree Awarded in 2019
4.	Mrs.Kavitha.S.N,	1RV12PEN 19	Dr. Prasanna Kumar S.C	May 2012	VTU	A Novel Multimodal Boimetric approach for security	YES	--	Degree Awarded in 2022
5.	Mrs.Sushma S.J	1RV12PEN 23	Dr. Prasanna Kumar S.C	May 2012	VTU	Automated Breast Cancer Detection and Classification	YES	--	Degree Awarded in 2021



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						Using nature inspired Algorithms			
6.	Mrs.Fremina James	1RV12MEN01	Dr. Prasanna Kumar S.C	May 2012	VTU	Design of robust automatic fingerprint recognition system	-	Pursuing	Course Work Completed
7.	Mr. Murali Sheyan H	1RV12PEN24	Dr. Prasanna Kumar S.C	May 2012	VTU	Image Enhancement using Multi Wavelet in Digital Mammographic Images	-	Pursuing	Comprehensive Viva Voce Completed
8.	Mr. Harsha	1RV13PEN06	Dr.Padmaja K V	May 2013	VTU	Detection of kidney abnormalities using non invasive techniques	YES	--	Degree Awarded in 2022
9.	Mrs. Vidya M. J	1RV13PEN03	Dr.Padmaja K V	May 2013	VTU	Secured Medical Data Storage by Water marking Scheme using PPG Signals	YES	--	Degree Awarded in 2019
10.	Mr.Dilip R	1RV13PEN04	Dr.K.B.Ramesh	May 2013	VTU	Development of Wireless Intelligent System for Patient	YES	--	Degree Awarded in 2021



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						Monitoring			
11.	Mr.Siddaramappa.B	1RV13PEN 22	Dr.K.B.Ram esh	May 2013	VTU	DNA Based Keys Generation for Data Security Using in Public Unsecured Channel	-	Pursuin g	Degree Awarded in 2019
12.	Mr. William Thomas	1RV14PEM 06	Dr. Prasanna Kumar S.C	May 2013	VTU	Real Time Image Processing Based Brain tumor detection using reconfigurable FPGA	-	Pursuin g	Degree Awarded in 2021
13.	Mr.Kendaganna Swamy	1RV13PEN 21	Dr. Anand Jatti	May 2013	VTU	Design and Implementation of Securd Agent based Management System for NoC.	YES	-	Degree Awarded in 2019
14.	Mrs.Veena Divya K	1RV13PEN 31	Dr. Anand Jatti	May 2013	VTU	Design and Development of Algorithms for early detection of Teeth and Jaw related Disorders using Digital Panoramic Radiographs	YES	-	Degree Awarded in 2021



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15.	Mrs.Manujakshi B C	1RV15PEJ3 7	Dr.K.B.Ram esh	May 2014	VTU	Design and Development of frame work architecture for sensor network data using cloud computing technique	YES	-	Degree Awarded in 2021
16.	Mr.Shasidhar T M	1RV15PEJ1 9	Dr.K.B.Ram esh	May 2014	VTU	Design and Implementation Algorithm for handling Tradeoff image Forensic and Image Quality	YES		Awarded in 2020
17.	Mrs.Tabitha Janumala	1RV15PEJ0 1	Dr.K.B.Ram esh	May 2014	VTU	Development of an automated software module for the detection and prediction of Scoliosis Disease	YES	-	Degree Awarded in 2021
18.	Mrs.Rajasree P M	1RV15PEJ1 1	Dr. Anand Jatti	May 2014	VTU	Development of a novel approach for detection and analysis of breast cancer using different modalities	YES	-	Degree Awarded in 2022
19.	Mrs.Nayana.Shenoy	1RV15PEJ0	Dr. Anand	May 2014	VTU	Algorithms for	YES	-	Degree Awarded in 2021



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		9	Jatti			Detection and Classifications of Thyroid Carcinoma using Ultrasound images			
20.	Mrs.Veena.R	1RV15PEJ0 2	Dr. Anand Jatti	May 2014	VTU	Cortical and subcortical brain mapping and reconstruction of cognitive skills and emotional elicitations by neural coding using EEG-fMRI ensemble data	-	Pursuin g	Completed Course Work
21.	Mr.Amaresh.C	1RV15PEJ2 6	Dr. Anand Jatti	May 2014	VTU	Performance analysis of huge data communication for low latency and high throughput by hybrid NoC on FPGA	YES	-	Completed Viva on 6 th August 2022
22.	Mrs. Savitha H.K	1RV15PEJ1 7	Dr. Anand Jatti	May 2014	VTU	Development of Smart DAQ to implement wireless automobile dash	-	Pursuin g	Completed Course Work



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						board on FPGA SoC			
23.	Mr.Nagendra Kumar.M	1RV15PEJ1 3	Dr. Anand Jatti	May 2014	VTU	Development of Efficient machine learning algorithms for the detection of Breast Cancer using Mammograms	YES		Degree Awarded in 2021
24.	Mr.Narendra Kumar	1RV16PEJ0 8	Dr.K.B.Ram esh	November 2015	VTU	Conceptual Development of Applied Electronics Instrumentation for Detection & Confirmation of Health Deficiency used in Alternate Medical Therapies	-	Pursuin g	Completed PrePhD Colloquiu m
25.	Mr. Yaduraj.B	1RV14PEN 07	Dr. Sudarshan B.G	May 2014	VTU	Study of HRV and its correlation to various ANS modifying diseases	YES	-	Degree Awarded in 2021
26.	Mrs.Sharada Suresh Dambal	1RV17PES0 5	Dr. Sudarshan B.G	2017	VTU	A Novel real time QRS algorithm for HRV analysis and PVC detection for	-	Pursuin g	Comprehe nsive Viva Voce Completed



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						identification of sudden cardiac death			
27.	Mrs. D.Kavitha	1RV17PEA 34	Dr. CH Renu Madhavi	2017	VTU	Detection of prenatal CHD	YES	-	Degree Awarded in 2022
28.	Mrs. Shilpa Chippalakatti	1RV18PIT0 2	Dr. CH Renu Madhavi	2018	VTU	Design and Development of the cloud-based health monitoring system		Pursuing	Completed Course Work
29.	Mrs. Shwetha.V	1RV17PES0 7	Dr. CH Renu Madhavi	2017	VTU	Edge Detection in MRI images using Canny edge detection	YES	-	Degree Awarded in 2022
30.	Mrs. Sumangala Gejje	1RV19PIT0 1	Dr. CH Renu Madhavi	2019	VTU	Optimization of controllable influential factors for early detection of breast malignancy using passive microwave radiometer		Pursuing	Pursuing Course Work
31.	Mrs.Rashmi Deshpande	1RV12PEN 31	Dr. CH Renu Madhavi	Registered in 2012 Change of	VTU	Integrated Approach with 2.1D sketch and	YES	-	Degree Awarded in 2022



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				Research Centre in 2018		Color Filtered Aperture: A Case Study for Disparity Modeling, Depth estimation and fast 2.1D sketch			Completed
32.	Mr. Chalapathiraju Kanumuri	1RV18PIT0 1	Dr. CH Renu Madhavi	2018	VTU	Brain tumor detection and classification using combination of Oppositional krill herd and fuzzy logic classifier.		Pursuin g	Pursuing Course Work