



People's Education Trust (R)

P.E.S. College of Engineering, Mandya

Estd. In the year 1962, Autonomous Institution, Aided by the Government of Karnataka,
Affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi.

Department of Electronics and Communication Engineering

Details of Ph.D Pursuing and Awardees during Assessment Year 2021-25

Year	Ph.D Pursuing Scholars	Ph.D Awardees
2024-25	20	1
2023-24	17	3
2022-23	20	1
2021-22	21	2

Note: There are currently 20 Research Scholars pursuing their Ph.D

Ph. D Awarded in the Years 2024-25

Sl. No.	Candidate	Ph.D/ M.ScEngg	University	Date of Award	Guide	Title
1	Vinay Kumar H S	Ph.D	VTU	01 st Feb 2025	Dr. H S Sheshadri	Study and Development of MR Image Enhancement Algorithms for Early Detection of Brain Disorders

Ph. D Awarded in the Years 2023- 24

Sl. No.	Candidate	Ph.D/ M.ScEngg	University	Date of Award	Guide	Title
1	Mahesh Kumar A S	Ph.D	JSS	24 th Feb 2024	Dr. Mallikarjunswamy M S	Study of clinically significant features of Rheumatoid Arthritis (RA) using the radiographic images & IR Thermo grams
2	Mukul Manohar S	Ph.D	VTU	07 th March 2024	Dr. K N Muralidhara	Video Processing and Target Tracking
3	Bharath M R	Ph.D	VTU	07 th March 2024	Dr. K A Radhakrishna Rao	Multimodal biometric fusion for improved speed security and recognition



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Ph. D Awarded in the Years 2022-23

Sl. No.	Candidate	Ph.D/ M.ScEngg	University	Date of Award	Guide	Title
1	Sahana Raj B S	Ph.D	VTU	15 th Feb 2023	Dr. V Sridhar	Study of health Monitoring System on IoT Platform using Biometric Crypto System and Its Performance Analysis

Ph. D Awarded in the Years 2021– 22

Sl. No.	Candidate	Ph.D/ M.ScEngg	University	Date of Award	Guide	Title
1	Nanda B S	Ph.D	UOM	27 th July 2022	Dr. P S Puttaswamy	Investigation on Graphene Field Effect Transistor High Frequency Flexible Transparent Displays
2	Radhika M R	Ph.D	UOM	22 nd March 2022	Dr. S S Parthasarathy	IMM Filtering for A Highly Maneuvering Target and Performance Evaluation

Details of Ph.D. Pursuing during Assessment Year 2021-25

Sl.No.	Candidate	Ph.D/ M.Sc Engg	University	Guide	Title	Status
1	Noor Ayesha	Ph.D	VTU	Dr. H S Sheshadri	Certain Investigation on Modelling of MRI in Medical Image Computing	Open Seminar II completed
2	Sumanth S	Ph.D	VTU	Dr. K A Radhakrishna Rao	Study of Video Stream in A Broadcasting channel for detection of Commercial Advertising for Experimental Viewing	Comprehensive viva-voce completed



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3	Sobia Naz	Ph.D	VTU	Dr. K A Radhakrishna Rao	Study of Retina in Visual Disorder Patients Leading to Permanent Loss of Vision	Open Seminars I&II completed
4	Chethan L	Ph.D	VTU	Dr. K A Radhakrishna Rao	Study and development of system to improving speech in people with vocal cord Disorder	Course work Exam completed
5	Ashraya A N	Ph.D	VTU	Dr. Punith Kumar M B	Direction of Arrival estimation using Sparse learning Algorithm	Course work completed
6	Divyashree N	Ph.D	VTU	Dr. Punith Kumar M B	Novel Efficient VLSI Algorithm and Architecture for Transform Domain Coding and Decoding for Communication Application	Course Work completed
7	Vasanth Kumar Reddy G	Ph.D	VTU	Dr. Punith Kumar M B	Early Prediction and Classification of Diseases in cotton plant leaves under complex field environment using deep learning	1 st D C Meeting is completed
8	M Subramanya	Ph.D	U.O.M	Dr. S.S Parthasarathy	Design and Implementation of activity based context aware system	Prethesis colloquium Scheduled
9	Vidyashree B P	Ph.D	VTU	Dr. Punith Kumar M. B	Qualitative study of physical layer aspects for sixth generation wireless communication systems	Registered
10	Asha R	Ph.D	VTU	Dr. Punith Kumar M. B	Development of Artifical	New Registration



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					Intelligence and IOMT based system for Biomedical Applications	
11	Mohan	Ph.D	VTU	Dr. Anand M J	Collision Avoidance System in Transport Industry	New Registration
12	P. Roopa Ranjini	Ph.D	VTU	Dr. Revanesh	Brain tumour detection	New Registration
13	Yashwanth B	Ph.D	VTU	Dr. R Manjunatha	Ai And Iot Enabled Robotic System For Automated Detection Of Ho2	New Registration
14	Mouna K M	Ph.D	VTU	Dr. R Manjunatha	Investigation of risk factors and strategies to prevent ROP	New Registration
15	Santha Kumar M T	Ph.D	VTU	Dr. Mahesh Gowda N M	An application of an artificial intelligence for classification and pollutant identification in Ewaste	New Registration

Details of Pursuing Ph.D. in other institutions

Sl. No.	Candidate	Ph.D/ M.Sc Engg.,	University	Guide	Title	Status
1	K C Santhosh Babu	Ph. D	VTU	Dr. A M Vijay Prakash	Performance analysis of low power digital logic circuits based on FinFET technology	Comprehensive viva-voce completed



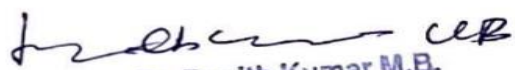
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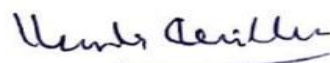
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2	Kusuma H R	Ph.D	REVA University	Dr. Seshikala G	Stutter speech detection	Course work completed
3	Nischitha K	Ph.D	Adichunchanagiri University	Dr Shobha B N	Detection of Rheumatoid Arthritis (RA) for Knee Image Classification using Machine Learning	Course work completed
4	Niveditha H R	Ph.D	VTU	Dr. Anitha S	Analysis and Prediction for improving the heart disease detection using machine learning classifier.	Completed open seminar 2
5	Srinath M S	Ph.D	VIT, Chennai	Dr. R Gunabalan	Enhancement of Charging Efficiency of Batteries for Electric Vehicles	Comprehensive viva-voce completed


Dr. Punith Kumar M.B.
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