

Dr.K.BALASUBADRA



E-mail: hodit@rmd.ac.in

Qualification: B.E.,M.E.,Ph.D.

Specialization: Information and Communication Engineering

Research Interest: Wireless Networks, Wireless Sensor Networks

Publications

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Ph.D. Guidance

List of Research Scholars Awarded Ph.D Degree

S.No	SCHOLAR NAME	TOPIC OF THE RESEARCH	AREA OF SPECIALIZATION	UNIVERSITY	VIVA VOCE DATE
1	Dr.Uma Mageswaran. J	An Energy Minimization and Quality of Service Based Resource Allocation in Cloud Environment	Cloud Computing	Anna University	30.03.2023
2	Dr.Ilaiyaraja S	Carrier Frequency Offset Tracking Algorithm for OFDMA and Compact MIMO Antenna for Wireless Systems	Wireless Networks	Anna University	22.07.2021
3	S. Satheesbabu	Reinstate and Augment Privacy Protection Against Inside Attackers in Wireless Sensor Networks	Wireless Sensor Network	Anna University, Chennai	22/11/2019

S.No	SCHOLAR NAME	TOPIC OF THE RESEARCH	AREA OF SPECIALIZATION	UNIVERSITY	VIVA VOCE DATE
4	G. Narmadha	Optimization of Montgomery Multiplication Algorithm for Public Key Cryptography	VLSI	Anna University, Chennai	24/08/2019
5	A.Manikandan	Certain Investigations in Cross Layer Techniques for Downlink Scheduling in Wireless Networks	Wireless Networks	Anna University, Chennai	07/08/2018
6	M.Mohamed Rabik	Certain Investigations on Efficient Routing , Vehicle Platoon and Control Strategies on VANET Architecture	Mobile Communication	Anna University, Chennai	08/05/2018
7	A.Thomas Paul Roy	Investigations on Performance Analysis of Intrusion Detection and Prevention of Malicious Nodes in Wireless Sensor Network	Information Security	Anna University, Chennai	03/10/2017

List of Research Scholars Pursuing Ph.D Degree

S.No	SCHOLAR NAME	TOPIC OF THE RESEARCH	AREA OF SPECIALIZATION	UNIVERSITY	CURRENT STATUS
1	S.Rani	Cross Layer Design for Wireless Sensor Network	Networking	Anna University, Chennai	Thesis Submitted
2	Ch.Srilakshmi	Big Data Analytics for Health Care	Big Data Analytics	Anna University, Chennai	Confirmation Completed
3	T.Indhumathy	3D Multimodal Biometric Identification	Image Processing	Anna University, Chennai	Doing Course Work
4	G.Gnana Priya	Enhancing Spectrum Efficiency and Energy Harvesting in Wireless Networks	Wireless Networks	Anna University, Chennai	Course work Completed
5	S.Vijaya kumar	Big Data	Big Data	Anna University, Chennai	Course work Completed
6	Ms. S.Jhansi Ida	An Gradient Boost Decision Tree Based Elephant Herding Optimization for Credit Card Fraud Detection	Machine Learning	Anna University, Chennai	Course work Completed
7	Ms. M.Radhika	Enriched Classification of Medical Data Using Impact Measures	Big Data	Anna University, Chennai	Confirmation Completed
8	Ms. N.Arockia Rosy	Intelligent Assistance System for Visually Impaired People Using AI Technologies	Artificial Intelligence	Anna University, Chennai	Course work Completed

Funded Project

S.No	Title of the Project	Funding Agency	Amount in Rs.	Duration	Research Progress and Out come
1	Modernization of Computer Networks Laboratory	AICTE	10,03,922/-	2 Years 2020-2022	Completed. WiFi Set up has been established and available for the usage by Students and Faculty.
2	Integration of cash transactions and GST Bill monitoring system using NFC and Block chain	DST - IEDC	1 Lakh	2018 - 2019	Completed – Public getting benefit for the cash transaction and GST bill monitoring.
3	Voting Machine	DST - IEDC	1 Lakh	2017 - 2018	Completed – Students getting benefit for the easy accessing of voting machine
4	Aptitude and HR Trainer APP	DST - IEDC	1 Lakh	2015 - 2016	Completed – Students getting benefit for the placement preparation.
5	Smart Ration Card	DST - IEDC	1 Lakh	2014 - 2015	Completed - Public getting benefit for the Easy accessing of smart ration card.
6	Modernization of Computer Networks Laboratory	AICTE	6,00,000/-	2 Years 2013-2015	Completed
7	Smart ATM	DST - IEDC	1 Lakh	2013 - 2014	Completed – Public getting benefit for the Easy accessing of ATM.

Members in Professional Bodies

- Life Member Indian Society of Technical Education (ISTE)
- Member - The Institution of Engineers (India)
- Member - Computer Society of India (CSI)

Reviewer in Journal/Conference

- Advisory Board Member for the International Conference ICIAS 2010 held at University of Petronos, Malaysia

Academic and Administrative responsibilities held

- Professor and Head
- IEEE Branch Counselor (1998 to 2003)
- Member in Discipline and Welfare Committee
- Member in Complaints cum Redressal Committee
- Exam cell convener cum Chief Superintendent
- Editor for College Magazine, Conference Proceedings
- Chief Superintendent for TANCET Examinations (2007-2011)
- Exam cell Convener and Chief Superintendent for Anna University Examinations (2007-2009)
- Chief Superintendent for CONSORTIUM Examinations (2007-2008)

Member of Academic Bodies like BOS, Senate, etc of University/other institutes

- 1. Anna University Board of Studies Member
(Faculty of Information and Communication Engineering) – (2017-2020)**
- 2. Anna University of Technology Board of Studies Member – (2010-2011)**
- 3. Madurai Kamarajar University Board of Studies Member – (2000-2003)**

Contact Address

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