


FACULTY PROFILE

Name of Teaching Staff / RMK ID	R Babuji / T0461			
Designation	Assistant Professor			
Department	Electronics and Communication Engineering			
Date of Joining the Institution	06-01-2007			
Qualifications	B.E (ECE)	M.E.,		
Total Experience	Overall : 16		in RMK : 16	
Papers Published in Journal	Overall : 07		After Joining RMK : 07	
List of Papers Published	<p>1. R. Babuji, T. Suresh, P. Gunasekhar, Lukas Krishnan C M "Smart Classroom – A Stepping Stone in Making Digital India" International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019</p> <p>2. R. BABUJI, P. GUNASEKHAR, T SURESH, LUKAS KRISHNAN C M " Journal of Xidian University. VOLUME 14, ISSUE 9, 2020, ISSN No:1001-2400 1409 -1413, https://doi.org/10.37896/jxu14.9/150</p> <p>3. Sathishkumar N, Nandalal V, Balaji V, Babuji R, Gnanaprakash V "Enhanced Frequency Reconfigurable Antenna for LTE Implementations" Advances in Computing, Communication, Automation and Biomedical Technology IJAICT India Publications 2020. https://doi.org/10.46532/978-81-950008-1-4_021.</p> <p>4. Sushma S. Jagtap, T.Suresh, R.Babuji, Muruganandham, J.Saranya "Sustainable Development in Theft Management System using Artificial Neural Networks based on Decision Tree and Random Forest Classifiers" Journal of Green Engineering (JGE) Volume-10, Issue-9,5788–5802., September 2020.</p> <p>5. Manikandan T, Muruganandham A, Babuji R, Nandalal V and Mazher Iqbal JL." Secure E-Health using Images Steganography" NCAIEV21 Journal of Physics: Conference Series, 1917 (2021) 012016, IOP Publishing, doi:10.1088/1742-6596/1917/1/012016.</p> <p>6. R. Babuji, Antonitta Eileen Pious, A Thava Vinu, V. Devi, D. Thiripurasundari, S Satheesh Kumar " A Deep Learning Approach for Intelligent IoT based Energy Management System April 2022, A Deep Learning Approach for Intelligent IoT based Energy Management System April 2022, IEEE Xplore, DOI:10.1109/ICSCDS53736.2022.9760925</p>			

	<p>7. R. Babuji, A. Suja Alphonse, C. Nayanatara, S. Sivaranjani, G. Ravivarman, S. Sheeba Rani. " IoT based Smart Devices Framework for Grid Demand Response Management" International Conference on Advancements in Materials and Manufacturing Engineering – ICAMME 2021, AIP Conf. Proc. 2527, 040002-1–040002-6; https://doi.org/10.1063/5.0108870 Published by AIP Publishing. 978-0-7354-4202-3/\$30.00</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 2	After Joining RMK :2
Ph.Ds / Projects Guided	Ph.Ds Guided :	Student Projects Guided : 18
Professional Memberships	Count :2	
	List : 1. Institution of Electronics and Telecommunication Engineers 2. International Association of Computer Science and Information Technology	
Consultancy Projects Completed	Count : 01	
Awards Received	Count :1	
	List : 1. Best Faculty Advisor award 2023 from Institution of Engineers (India) [IEI]	
Orchid Link / ID	ID : 0000-0003-1408-3911	
Google Scholar Link / ID	ID : LCXTtY0AAAAJ	
Vidwan Link / ID	ID : 305370	
Research Gate Link / ID	AED-5880-2022	
Scopus Link / ID	ID : 57219604586	