


FACULTY PROFILE

Name of Teaching Staff / RMK ID	S ROSALINE / T0866			
Designation	ASSISTANT PROFESSOR			
Department	ECE			
Date of Joining the Institution	01.06.2015			
Qualifications	M.E			
Total Experience	Overall : 13 YEARS 7 MONTHS		in RMK : 7 YEARS & 3 MONTHS	
Papers Published in Journal	Overall : 12		After Joining RMK :12	
List of Papers Published	<p style="text-align: center;">Predicting Melancholy risk among IT professionals using Modified Deep Learning Neural Network (MDLNN), . Rosaline ; M. Ayesha Nasreen ; P. Suganthi ; T. Manimegalai ; G. Ramkumar, Conference Proceedings IEEE Xplore, 2022 DOI: 10.1109/CSNT54456.2022.9787571</p> <p style="text-align: center;">Rice Quality Analysis Using Deep Learning, . S.Rosaline, Unnam Vamsi Krishna, Maddina Mythresh, Kesavaraju Nikhil, M.Velmurugan , International Journal of Mechanical Engineering, 2021 , VOL 6, ISSUE 3</p> <p style="text-align: center;">AI based ETA for Visually Impaired in Indoor Environment, Mrs. S. Rosaline, Ms. Pooja Sithrubi Gnanasambanthan, Ms. Narala Jahnavi, Ms. Neeharika MM, M.Velmurugan, Turkish Online Journal of Qualitative Inquiry (TOJQI), 2021 , VOL 12, ISSUE 9</p> <p style="text-align: center;">A Study on Realistic Route Preference with Improved QoS in Industries Via MANET, Ms. Dhivya.K, Mr. Kannan.K, Mr. Sathyaraj.P, Ms.</p>			

	Rosaline.S, Design Engineering, 2021 , ISSUE 6
5	Detection of Tumor in Nervous tissue Using Radar Based Design,S .Rosaline, Kannan K, Rahul Krishnan, S.Vanaja, J.Joselin Jeya Sheela, Conference Proceedings IEEE Xplore, Conference Proceedings IEEE Xplore, 2021, DOI: 10.1109/ICCCI50826.2021.9402679
6	Fog Density Detection Based Automotive Vehicle, S. Rosaline, J.Joselin Jeya Sheela, Aswini M , Akula Tejaswi Anasuya, M.Velmurugan, European Journal of Molecular & Clinical Medicine, 2020 , VOL 7, ISSUE 3
7	Enhancing Quality of Service Detection Service with Priority Approach in Medium Access Layer, K. Kannan, M. Devaraju,S. Rosaline, International Journal on Emerging Technologies, 2020, VOL 11, ISSUE 3
8	Information Exchange Between Vehicles Using Abetted Universal Locating Structure In Mobile Vehicular Network, Kannan K , Rosaline S, European Journal of Molecular & Clinical Medicine, 2020 , VOL 7, ISSUE 3
9	An Effective IoT based Fuel and Cost Monitoring System, S. Rosaline, J. Joselin Jeya Sheela, M. Hasmitha, Ch. Rajitha, International Journal of Recent Technology and Engineering , 2019, VOL 8, ISSUE 3
10	Priority Value based Discriminate Routing to Improve Quality of Service in Mobile ADHOC Network, K. Kannan, M. Devaraju, S. Rosaline,

	<p>Journal of Advanced Research in Dynamical & Control Systems, 2019, VOL 11, ISSUE 10</p> <p>11 A Novel Approach to Early Depression Prediction and Estimation with EEG Signals, 2022 International Conference on Communication, Computing and Internet of Things (IC3IoT),IEEE Xplore, Published: 2022</p> <p>12 Conventional arrayed waveguide grating (CAWG) devices for high stability and low insertion loss in near infrared wavelength band published in Journal of optical communication on March 30, 2023</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 11	After Joining RMK :9
Ph.Ds / Projects Guided	Ph.Ds Guided : NIL	Student Projects Guided :6
Books Published :	Count : 01	
	ELECTRON DEVICES AND CIRCUIT THEORY, SIPH publication, 978-93-5757-002-2, 2023	
Patents	Published Count :1	Granted Count :NIL
	List : FPGA BASED REMOTE SMART SPEAKER FOR AGRICULTURE SYSTEM Application No.202141032062 A Date of filing of Application :16/07/2021 Publication Date : 30/07/2021	
Professional Memberships	Count :4	
	List : ISTE, IETE, IAENG, CSTA	
Consultancy Projects Completed	Count :3	
Awards Received	Count : 1	

	List : IEI Best Faculty Advisor Award
Research grants Received	NIL
Orchid Link / ID	ID : https://orcid.org/0000-0002-3726-2843
Google Scholar Link / ID	ID : https://scholar.google.com/citations?hl=en&authuser=1&user=nLLH3x0AAAAJ
Vidwan Link / ID	ID : https://vidwan.inflibnet.ac.in/profile/305287
Research Gate Link / ID	NIL
Scopus Link / ID	ID : https://www.scopus.com/authid/detail.uri?authorId=57281193900