FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr.J.JASMINE HEPHZIPAH/T0686	
Designation	Assistant Professor	
Department	Electronics and Communication Engineering	
Date of Joining the Institution	28-12-2022	
Qualifications	B.E/ECE M.E/APE Ph.D./I&C	
Total Experience	Overall : 15 YEARS	in RMK : 11 YEARS
Papers Published in Journal	Overall : 7	After Joining RMK :7
List of Papers Published	**1.** Johnpeter, JH, Ponnuchamy, T. Computer aided automated detection and classification of brain tumors using CANFIS classification method. , Dr.J.Jasmine Hephzipah *Imaging Syst Technol*. 2019; 29: 431-438. https://doi.org/10.1002/ima.22318 **2.** Performance Analysis of Meningioma Brain Tumor Detection System Using Feature Learning Optimization and ANFIS Classification Method, Dr.J.Jasmine Hephzipah,IETE Journal of Research, Volume 68, Year 2022, Pages 1542-1550 **3.** An efficient cyber security system based on flow-based anomaly detection using Artificial neural network. J.Jasmine Hephzipah, Ranadheer Reddy Vallem, M.Sahaya Sheela, & G.Dhanalakshmi. (2023 *Mesopotamian Journal of Cyber Security*, *2023*, 48–56. https://doi.org/10.58496/MJCS/2023/009 **4.** Pandemic disease control practices covid-19: a cross-sectional survey,Dr.J.Jasmine Hephzipah,Design Engineering, Year 2021 **5.** Emergency Medical Assistant System B.Sarala, S.Narmada Devi, M.Nivetha, J.Jasmine Hepzibah, J. Joseline Jeya Sheela, K.Ilangovan, SSRN Elsevier digitallibrary, Year 2021 **6.** Simulation and comparison of single and differential ended CG-CS LNA for Cognitive Radio,Sarala B.;Rukmani Devi S.;Hepzibah J.;Gunasekhar P.;Sheela J.J.J.International Journal of Wavelets, Multiresolution and Information Processing, Volume 19, Year 2021 **7.** Detection and Diagnosis of Meningioma Brain Tumors using Proposed CNN Architecture,J. Jasmine Hephzipah; T.D. Subha; K. Neela; Sushmitha; Anvitha,IEEE, Year 2022, Pages 999-1004	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 15	After Joining RMK :5

Ph.Ds / Projects Guided	Ph.Ds Guided : NIL	Student Projects Guided :35
Books Published :	Count :3	
	List: **1. Meningioma Brain Tumor Detection Using Soft Computing** **2. Electronic Devices** **3. Microprocessors and Microcontrollers**	
Patents	Published Count :2	Granted Count :NIL
	List : **1.** Puffer Bag for Bridge Accident **2.** Automated Vehicle Damage System Employing Image Processing	
Professional Memberships	Count :6	
	List : 1. ISDS - Life Member 2. CSTA - Life Member 3. NITTSD - Life Member 4. IAENG - Life Member 5. ISSE - Life Member 6. ISTE - Life Member	
Consultancy Projects Completed	Count :3	
Awards Received	Count :6	
	List : 1. Best Faculty Mentor –**IEI** 2. Best Faculty Mentor – **NPTEL** 3. Best Faculty- **Texas Instruments** 4. Best Faculty Award - **Sudharsan Engineering college** 5. Best Faculty advisor Award -**IEI** 6. Academic Excellence Award -**IEI**	
Research grants Received	NIL	
Orchid Link / ID	ID : 0000-0003-2714-2650	
Google Scholar Link / ID	ID : 3YHQme8AAAAJ	

Vidwan Link / ID	ID : https://vidwan.inflibnet.ac.in/profile/30539
Research Gate Link / ID	ID : ABA-5935-2021
Scopus Link / ID	ID : https://www.scopus.com/authid/detail.uri?authorId=57208013833