FACULTY PROFILE

Name of Teaching Staff / RMK ID	**Dr. R.POORNIMA / T1175**	
Designation	Assistant Professor Grade II	
Department	Information Technology	
Date of Joining the Institution	19.05.2025	
Qualifications	B.E(CSE) M.E(CSE) Ph.D(ICE)	
Total Experience	Overall : 14 Years 11 Months	in RMK :
Papers Published in Journal	Overall : 09	After Joining RMK : NIL
List of Papers Published	[1] **R.POORNIMA**, Dr.E.Mohanraj, G.Nagarajan "Network attack classification using LSTM with XGBoost feature selection", Published in Journal of Intelligent & FuzzySystems 43 (2022) 971–984, DOI:10.3233/JIFS-212731,2022 [2] G.Nagarajan, AM Basha, **R.POORNIMA** "Autism Spectrum Disorder Identification Using Polynomial Distribution based Convolutional Neural Network.", Published in NeuroQuantology 19 (2), 19-31,2021. [3] E Nandhini, M Nivetha, S Nirmala, **R Poornima** "Mlsb technique based 3d image steganography using aes algorithm" J. Recent Res. Eng. Technology,2016 [4] K.Raghavendra **Dr.R.Poornima**,M.Prudhvinath,Aasmin Jainab,Vikas Chowdhary,K.Ragha Sathwika "GitHub Navigator: Your AI-Powered Repository Guide Using Pydantic AI" (IJSREM) Volume 9, Issue 4 April 2025, 10.55041/IJSREM45094 [5] Dr. Thayyaba Khatoon K. S. P. Abhiram Chowdary, K. Shravani, K. Akshay Kumar, K. Athreya Sai Gopal Acharya, **Dr. R. Poornima** "Web Page Interaction Prediction with LSTM", International Journal of Scientific Research in Engineering and Management Volume 7, Issue 12 Dec 2023, [6] **Poornima, R**., Sathya, G., & Shalini, B. (2022). Crop yield prediction in agriculture based on climatic conditions and ground water level prediction for southern regions. International Journal of Health Sciences, 6(S8), 478–487. https://doi.org/10.53730/ijhs.v6nS8.9725 [7] **R.POORNIMA**, P.Sangeetha "An Efficient Data Aggregation Scheme with Security and Cost Optimization Scheme", Published in IJAIR, Volume 2, Issue 4 April

	2013,ISSN: 2278-7844.
	[8] **R.POORNIMA**,C.Premanand, "A framework for secure mechanism to detecting localizing multiple spoofing attacks in wireless sensor network", International journals of innovative research in computer and communication engineering, ISSN(online):2320- 9801, ISSN(print):2320-9798.
	[9] **Poornima.R**, Keerthana.M.S (2015), "Secured Energy Aware Route Discovery using Neighbour Verification Path Quality Protocol in MANET", International Journal of Advanced and Innovative Research (IJAIR), Vol. 4,No. 03, pp.607- 609.

Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 04		After Joining RMK : NIL
Ph.Ds / Projects Guided	Ph.Ds Guided : - NIL		Student Projects Guided :- 33

Books Published :	Count : 01
	List: [1] **Big Data Analytics**, ISBN: 9789395191098, Authors: Dr. E. Mohanraj, R. Baskar, **R. Poornima**, Deccan publication,2022.

Patents:	Published Count : 02	Granted Count : NIL
	[1] Title of the Invention: AI ENABLED INTELLIGENT LOGISTICS SYSTEM Application No: 202241049421 A (Patent Journal:36/2022) Publication Date: 09-09-2022 [2] Title of the Invention: An Automatic Processing of Medical Images using Segmented K-Means Clustring Algorithm (SKCA) Based Application No: 202341086759 A (Patent Journal:52/2023) Publication Date: 29-12-2023	

Professional Memberships	Count : 1
	List : ISTE
Consultancy Projects Completed	Count : NIL
Awards Received	Count : 01
	List: [1] Best Women Achiever Award (2023)
Research grants Received	NIL
Orchid Link / ID	0000-0001-5879-6898
Google Scholar Link / ID	aK0K0GcAAAAJ
Vidwan Link / ID	576035
Web of Science/ ID	LMN-2163-2024
Scopus Link / ID	57212400569