

Faculty Profile

Name of Teaching Staff / RMK ID	Dr.D.Deepa/ T1229		
Designation	Associate Professor		
Department	ECE		
Date of Joining the Institution	08.04.2026		
Qualifications	B.E(ECE)	M.E(AE)	Ph.D
Total experience	Overall: 7	in R.M.K:2 months	
Paper published in journal	Overall: 10	in R.M.K : nil	
List of Papers published	<ul style="list-style-type: none"> ➤ Deepa Dasarathan, & Nirmal Kumar, P., (2014), “A Comparative Study of AODV & DSR Multicast Routing”, International Journal of Advances in Electronics and Computer Science, Vol-2, No.8,pp. 53-57. ➤ Deepa Dasarathan, & Nirmal Kumar, P., (2014), “Performance of Accuracy in AODV, DSR and DSDV Protocols for a MANET”, Journal of Computer Applications, vol.7, No.2, pp. 54-56 ➤ Deepa Dasarathan, & Nirmal Kumar, P., (2014), “Improved LDSRDV-localized Dynamic Source Routing for Distance Vector Performance in MANET”, Research Journal of Applied Sciences, Engineering and Technology, Vol.8, No.19, pp.2092-2096 ➤ Deepa Dasarathan, & Nirmal Kumar, P (2015), “Quality of Service Based Improved Dynamic Source Routing in MANETs”, Indian Journal of Applied Research, Vol.5, No.8, pp. 37-40. ➤ Deepa Dasarathan, & Nirmal Kumar, P., (2016). An Innovative Node Encounter Rate Metric for Source Routing in Mobile Adhoc Networks. Indian Journal of Science and Technology, 9(25), pp.1-6. ➤ Deepa Dasarathan, & Dr. Nirmal Kumar, P., (2016), “Awareness of Power and Link Strength while multicasting in MANET”, National Conference on PSG Tech, 40. ➤ Deepa Dasarathan, & Nirmal Kumar, P., (2017), “A Validation based Proficient and Proactive Multicasting (VPPM) for Highly Dynamic MANETs”, Journal of Computational and Theoretical NanoScience, vol.14, no.11, pp. 5645-5653. ➤ Deepa Dasarathan, & Nirmal Kumar, P., (2017), “Multicasting based Enhanced Proactive Source Routing in MANETs”, International Journal of Computer Networks & Communications, vol.9, no.6, pp. 89-100. ➤ Deepa Dasarathan (2021) Smart Wind Farm Management Based on WSN Turkish journal of computer and mathematics ➤ Improved audit-based malevolent node detection and Energy efficiency for healthcare applications Deepa .D European Journal of Molecular & Clinical Medicine ISSN 2515-8260 VOLUME 7, ISSUE 3, 2020 5553 ➤ Design Of An Iot Approach For Industrial Security Surveillance System D.Deepa International Journal of Scientific & Technology Research (IJSTR) Volume 9 - Issue 2, February 2020 Edition 		
Papers presented in conferences (Scopus/ WOS indexed only)	Overall: 3	After Joining RMK: NIL	
Ph.Ds/ Projects Guided	Ph.Ds Guided:NA	Students project Guided: 6	

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Books Published	Count :Nil
	List : NA
Patents	Published Count :1
	List: QoS ROUTING PROTOCOL DESIGN FOR MANETS
Professional memberships	List: The Indian Society for Technical Education-Life member-124675
Consultancy Projects: Completed	Count: 1
Awards received	
Research grants received	Nil
Orcid link	https://orcid.org/0009-0006-6487-2459
Google Scholar	deepa dasarathan - Google Scholar
Vidwan link/ID	Vidwan Profile Page
Research gate link/id	Deepa Dasarathan
Scopus Link	