FACULTY PROFILE

Name of Teaching Staff / RMK ID	**S.Sudha Mercy/T1111**	
Designation	Assistant Professor	
Department	COMPUTER SCIENCE AND DESIGN	
Date of Joining the Institution	01.04.2023	
Qualifications	M.E.	(Ph.D)
Total Experience	Overall : 7 years	in RMK : 2 Months
Papers Published in Journal	Overall : 10	After Joining RMK : NIL
List of Papers Published	1. S. Sudha Mercy," A Survey on Learning Management Systems", International Journal for Scientific Research and Development, Vol 5, Issue 02, pp. 2167-2170, April 2017. 2. S. Sudha Mercy," Metal and Gas Detecting Robot Using Iot", International Journal of Scientific Research and Review, Volume 7, Issue 4, 2018, pp.45-52, April 2018. 3. S. Sudha Mercy," An automated method for characterization of facial expression", International Journal of Advanced Research and Development, Vol 3, Issue 04, pp. 211-216 , April 2018. 4. S. Sudha Mercy," Online Auction using Mobile Cloud Computing", International Journal of Research, Vol VIII, Issue V, pp. 1985-1989, May 2019. 5. S. Sudha Mercy," Internet of Things based Smart Window and Temperature Monitoring System", International Conference on Advanced Computing & Communication Systems (ICACCS)[IEEE], Volume-7, Issue 20 , pp. 1046-1048, April 2020 [SCOPUS INDEXED]. 6. S. Sudha Mercy," An IOT based patient Monitoring system and temperature controlling system", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-7, pp. 1172-1175, May 2020 [SCOPUS INDEXED]. 7. S. Sudha Mercy," Food Supply Chain Management Using Block Chain in Food Traceability", International Journal of Engineering and Advanced Technology (IJEAT), Volume-9 Issue-5, pp. 624-628, June 2020 [SCOPUS INDEXED] 8. S. Sudha Mercy," DAMFO-Based Optimal Path Selection and Data Aggregation in WSN", Intelligent Automation & Soft Computing, Volume-32, No-1,2022, pp. 589-604, October 2021[SCIE INDEXED]	

	9. S. Sudha Mercy," An Energy- Efficient Optimal multidimensional location, Key and Trust Management Based Secure Routing Protocol for Wireless Sensor Network", KSII Transactions on Internet and Information Systems, Volume-15, No-10, pp. 3834-3867, October 2021[SCIE INDEXED]	
	10. S. Sudha Mercy," Energy Efficient Location-Based Trust, and Key Management for Sensor Networks based on Advanced Hybrid Multi-Level Clustering Ant Colony Optimization", Control Engineering and Applied Informatics, Volume-23 ,No-4, pp. 78-85, December 2021[SCIE INDEXED]	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 01	After Joining RMK :NIL
Ph.Ds / Projects Guided	Ph.Ds Guided : NIL	Student Projects Guided :16
Books Published :	Count :03 1. Published the Book titled "Object Oriented Programming" as per Anna University 2017 regulation in September 2020 in Charulatha Publications. The ISBN Number is 978-93-89970-75-3 2. Published the Book titled "Total Quality Management" as per Anna University 2017 regulation in Oct 2020. The ISBN Number is: 978-93-5406-777-8 3. Published the Book titled "Problem Solving and Python Programming" as per Anna University 2017 regulation in Feb 2021 in Charulatha Publications. The ISBN Number is: 978-93-90614-80-6	
Patents	Published Count :1	Granted Count :NIL
	Machine Learning Based House Price Prediction System using Intelligent Datascience Technology, Patent Published on December 2022 and Application Number is 202241010315	
Professional Memberships	Count :NIL	
Consultancy Projects Completed	Count :NIL	
Awards Received	Count : 02 1. Received Research publication award with highest grade in Jeppiaar Institute of Technology on March 2022	

	2. Received 100 percent result appreciation award for Problem Solving and Python Programming- Regulation 2021 in Jeppiaar Institute of Technology
Orchid Link / ID	ID: 0000-0002-6892-1506
Google Scholar Link / ID	ID: https://scholar.google.com/citations?user=gdLykIEAAAAJ&hl=en
Vidwan Link / ID	ID:382095
Research Gate Link / ID	ID: https://www.researchgate.net/profile/S-Mercy
Scopus Link / ID	ID: 57216789412