


FACULTY PROFILE

Name of Teaching Staff / RMK ID	THERASA P.R/T1080			
Designation	Associate Professor			
Department	Computer Science and Engineering			
Date of Joining the Institution	18-07-2022			
Qualifications	Ph.D			
Total Experience	Overall : 12 year 7months		in RMK : 11 months	
Papers Published in Journal	Overall : 10		After Joining RMK :-3	
List of Papers Published	<p>1. Therasa, PR & Vivekanandan, P 2016, Fuzzy Based Approach for Object-Oriented Software Maintainability Measurement, Asian Journal of Information Technology, vol.15, no.15, pp. 2611-2620, (Annexure I). (Scopus)</p> <p>2. Therasa, PR & Vivekanandan, P 2017, Adaptive Neuro-fuzzy Inference System for Assessing the maintainability of the Software, In Proceedings of ninth International Conference on Advanced Computing (ICoAC), pp. 204-212.(Scopus)</p> <p>3. Therasa, PR & Vivekanandan, P 2014, Metrics for Assessing the Quality of Modularization of Object-Oriented Software, Journal of International Academic Research For Multidisciplinary, vol. 2, no. 5, pp. 1-8.</p> <p>4. Therasa, PR & Vivekanandan, P 2018, Hybrid Parameter Optimization Approach with Adaptive Neuro Fuzzy Inference System for the Software Maintainability, International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRSCE), vol. 4, no. 3, pp. 429-440.</p>			

5. Therasa, PR & Vivekanandan, P 2018, Evaluation of the maintainability of Object-Oriented Software based on UML class metrics, International Journal of Scientific Research in Computer Science Applications and Management Studies, vol. 7, no. 4, pp. 1-20.
6. RMD Charaan, PR Therasa, SMART Agriculture using IoT in Tropical States of India, International Journal of Advanced Research in Computer and Communication Engineering 2022, vol.11, no. 1, pp. 297-303.
7. RM Charaan, Therasa PR , P Malathi, "A review on descendants of LEACH protocol-a pragmatic approach", International Journal of Advanced Research. Vol.10, 751-759.
8. R. M. Dilip Charaan, P. R. Therasa and B. Lavanya Jeya, "Solar Aware Routing with Super Capacitors to Balance Energy in Unequal Clusters for WSN," 2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC), 2022, pp. 1689-1695, doi: 10.1109/ICESC54411.2022.9885472. (Scopus)
9. RM Dilip Charaan, PR Therasa, M Vasudevan, S Karthi, Awake/Sleep Mechanism Using LEACH Protocol in WSN- An Energy Efficient Approach, International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF), 2023. (Scopus)
10. Pradeep G, Srividhya G, Therasa P.R, Elangovan K, "A Novel Hybrid Backscatter Assisted Cognitive Radio Networks for Maximum Throughput", 2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS), 10.1109/ICACCS57279.2023.10112833 (Scopus)

Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 5	After Joining RMK :3
Ph.Ds / Projects Guided	Ph.Ds Guided :	Student Projects Guided :23
Books Published :	Count :	
	List :	
Patents	Published Count :2	Granted Count :
	Real Time And Effective High Speed Data Acquisition System In IOT Environment Using WSN. Blockchain based method for reducing vehicle pollutant emissions	
Professional Memberships	Count :1	
	List : ISOC CHENNAI Member	
Consultancy Projects Completed	Count :	
Awards Received	Count :1	
	List : IEI Academic Excellence Award	
Research grants Received		
Orchid Link / ID	therasa peter (0000-0002-5172-0791) (orcid.org) /ID : 0000-0002-5172-0791	
Google Scholar Link / ID	Dr. P.R. Therasa - Google Scholar /ID : A8i1SHUAAAAJ	

Vidwan Link / ID	Vidwan Profile Page (inlibnet.ac.in)/ID:305402
Research Gate Link / ID	Therasa P.R (researchgate.net)
Scopus Link / ID	Therasa, P. R. - Author details - Scopus Preview/ID : 57192007694