



FACULTY PROFILE

Name of Teaching Staff / RMK ID	M KANNIGA PARAMESHWARI - T1071		
PROFESSOR	ASSISTANT PROFESSOR		
Department	Information Technology		
Date of Joining the Institution	23/06/2022		
Qualifications	M. Tech - IT		
Total Experience	Overall : 5 years	in RMK : 4 years 4 months	
Papers Published in Journal	Overall : - 1	After Joining RMK : 1 in progress	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall :11	After Joining RMK : 11	
List of Publications	1. Kanniga Parameshwari, M., Selvi, K., Rekha, M., Karthiga, R., <i>CRUD Application Using ReactJS Hooks</i> , EAI Endorsed Transactions on Internet of Things, 04-03-2024, Volume 10, pp. 1–10 DOI: https://doi.org/10.4108/eetiot.5298 .		
	2. M Tamilselvi, M. Kanniga Parameshwari, X.Mercilin Raajini, G Chamundeeswari, K. Kalaiselvi, V.Samuthira Pandi., <i>IoT based Smart Robotic Design for Identifying Human Presence in Disaster Environments Using Intelligent Sensors</i> , 2024 International Conference on Automation and Computation (AUTOCOM), 03-04-2024, pp. 399-403 DOI: 10.1109/AUTOCOM60220.2024.10486106.		
	3. R Geetha, M.Kanniga Parameshwari, Praveena.V, T.Venkatesan, M.Sindhu, S.Bhuvana., <i>Experimental Evaluation of a Secured Phrase Searching Model Using Cipher Principles Over Cloud Computing Platform</i> , 2024 International Conference on Intelligent Systems for Cybersecurity (ISCS), 12-07-		

	2024, pp. DOI: 10.1109/ISCS61804.2024.10581121.
	4. Kanniga Parameshwari M, K Selvi, M Shrinidhi, Mohana Pradeepa S, Rema Sree N, Mounika G., <i>EscapeScript – Gamified Coding Platform for Empowering Future Coders</i>, 2024 2nd International Conference on Sustainable Computing and Smart Systems (ICSCSS), 20-08-2024, DOI: 10.1109/ICSCSS60660.2024.10625310; ISBN:979-8-3503-9155-8.
	5. Kanniga Parameshwari M; Shobha Rani P; Chokkalingam S; Yogesh Kannan S; Balaji Ganesh K; Darunesh R., <i>OneScroll: Modernizing Supply Chain Business Networks with Digital Technology</i>, 2025 International Conference on Multi-Agent Systems for Collaborative Intelligence (ICMSCI); 27-02-2025; DOI: 10.1109/ICMSCI62561.2025.10894371; Electronic ISBN:979-8-3315-0982-8. https://ieeexplore.ieee.org/document/10894371
	6. Kanniga Parameshwari M, “<i>Converzio – Multilingual Mastery: An Engaging E-Learning System and Practice using WebRTC</i>”, 2025 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI); 29-05-2025; DOI:10.1109/ICDSAAI65575.2025.11011791; Electronic ISBN:979-8-3315-3755-5; https://ieeexplore.ieee.org/document/11011791.
	7. Kanniga Parameshwari M, “<i>A Survey on Energy-Efficient Resource Allocation in Cloud Environments for IoT Applications: Architectures, Algorithms, and Challenges</i>”, 2025 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN) Date of Conference: 24-26 November 2025, Date Added to IEEE Xplore: 17 February 2026, DOI: 10.1109/ICECMSN68058.2025.11383498 https://ieeexplore.ieee.org/document/11383498
	8. Kanniga Parameshwari M, “<i>A Decentralized and Explainable Machine Learning Framework for Organ Transplantation using Blockchain and GNNs</i>” 2026 5th International Conference on Sentiment Analysis and Deep Learning (ICSADL) Date of Conference : 18-20 February 2026 DOI: 10.1109/ICSADL67539.2026.11451986 Date Added to IEEE Xplore: 31 March 2026 Publisher: IEEE https://ieeexplore.ieee.org/document/11451986

	9. Kanniga Parameshwari M, “<i>A Novel Privacy-Preserving Structure for Emergency Communication Systems: Homomorphic Encryption for Safe and Robust Edge-Cloud Computing Disaster Management</i>” 2026 7th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV) Date of Conference : 20-22 May 2026 DOI: 10.1109/ICICV68925.2026.11554674 Date Added to IEEE Xplore: 12 June 2026 Electronic ISBN:979-8-3195-2947-3, Conference Location: Tirunelveli, India. Publisher : https://ieeexplore.ieee.org/abstract/document/11554674
	10. Kanniga Parameshwari M, Sudhir R, Surya S, Surya J, Divyadharshini G, Dharshini S “<i>Consensus-based Automated Task Verification using Large Language Models</i>” 2026 7th International Conference on Inventive Research in Computing Applications (ICIRCA) Date of Conference: 03-05 June 2026 DOI: 10.1109/ICIRCA69024.2026.11570281 Date Added to IEEE Xplore: 23 June 2026 Electronic ISBN:979-8-3315-5940-3, Conference Location: Coimbatore, India https://ieeexplore.ieee.org/document/11570281?denied=
	11. Kanniga Parameshwari M, C R Kamalesh, Harish V, Sudhir R, Dharini S, Ajai S “<i>TalkHub: A Secure Web-based Career Guidance and Mentorship Platform using ReactJS an Firebase</i>” 2026 7th International Conference on Inventive Research in Computing Applications (ICIRCA) Date of Conference: 03-05 June 2026 DOI: 10.1109/ICIRCA69024.2026.11570600 Date Added to IEEE Xplore: 23 June 2026 Electronic ISBN:979-8-3315-5940-3, Conference Location: Coimbatore, India

Ph.Ds / Projects Guided	Ph.Ds Guided :	Student Projects Guided : 10 Teams
Books Published :	Count :Nil	
	List : 03	
Patents	Published Count : 02	Granted Count : Nil
	List : 02	
Professional Memberships	Count : 03	
	ISTE, IEEE, IGEN	
Consultancy Projects Completed	Count : 04	
Awards Received	Count : 03	
	List : Best Faculty from The Institution of Engineers Hosur Local Centre Best Faculty Advisor	
Research grants Received	Nil	
Orchid Link / ID	ID : 0000-0002-9988-7072	
Google Scholar Link / ID	ID : 1716023034165	
Vidwan Link / ID	ID : 305311	
Research Gate Link / ID	Nil	
Scopus Link / ID	ID : 58922062100	