



FACULTY PROFILE

Name of Teaching Staff / RMK ID	Ms.S.Shobana /T1074		
PROFESSOR	Associate Professor (Grade -II)		
Department	IT		
Date of Joining the Institution	01.07.2022		
Qualifications	B.Tech (IT)	M.E(CSE)	(Phd)
Total Experience	Overall : 11.3 years		in RMK : 4.3 month
Papers Published in Journal	Overall : 18		After Joining RMK : 11

List of Papers Published

R. Siva Subramanian ., D. Sasikumar ., S. Shobana., J. Elavarasi., L. A. Anto Gracious., M. Nalini.,” Harnessing Emotion AI for Customer Support and Employee Wellbeing”
Copyright: © 2026 | Pages: 24 DOI: 10.4018/979-8-3373-3658-9.ch003

Siva Subramanian R; Suganya Devi S; C. Lakshmipriya; Shobana. S; M. G. Dinesh; A. Kathija Nasreen, "Exploring Computational Intelligence: Core Concepts, Applications, and Emerging Innovations," *2025 5th International Conference on Soft Computing for Security Applications (ICSCSA)*, Salem, India, 2025, pp. 1721-1727, doi: 10.1109/ICSCSA66339.2025.11170798.

Kanniga Parameshwari M; Rekha M; Selvi K; Shobana S; Aashida S; Ezhil Arasi S"Converzio - Multilingual Mastery: An Engaging E-Learning System and Practice using WebRTC," *2025 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI)*, Chennai, India, 2025, pp. 1-5, doi: 10.1109/ICDSAAI65575.2025.11011791.

M. K. Devi, S. P. Athiban, P. Ramadass, T. Nalini, S. S and A. P. Babu, "CNN-based Predictive Analytics Models for ERP-Supported E-commerce," *2025 3rd International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)*, Erode, India, 2025, pp. 101-107, doi: 10.1109/ICSCDS65426.2025.11167659.

Kamalakkannan D., Menaga D., Shobana S., Daya Sagar K. V., Rajagopal R., Mohit Tiwari, "A Detection of Intrusions Based on Deep Learning," Published online: 15 Feb 2023, DOI:10.1080/01969722.2023.2175134.

Kavitha D., Shobana S., Rajkumar S., Reddy G.R., Ramesh Babu P., Mukherjee P., "International Journal of Intelligent Systems and Applications in Engineering," Journal article, 2024, EID: 2-s2.0 85181451350, Part of ISSN: 2147-6799.

Shobana S., Logaprakash R., Pranavesh S., Arun P., Chaitanya G., "Motion Controlled Gaming Interface," *International Journal of Advanced Research (IJAR)*, DOI: 10.21474/IJAR01/18296, February 2024.

Marepalli Radha, S. Shobana, Kanika Thakur, Satyanarayan Padaganur, Parul, Chandra Kumar Dixit, "Smart Wearable Wristband for Patients' Health Monitoring System through IoT," *NeuroQuantology*, Volume 20, Issue 9, Pages 6934-6943, DOI: 10.14704/NQ.2022.20.9.NQ44809, August 2022.

Pandarinath Potluri, R. Jayakarthishivam Agarwal, Shobana S., Venkata Padmavathi S., Aarthi R., "A Comprehensive Evaluation of Secured Electronic Voting System Design based on Face Biometric Authentication Policy," *8th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)*, DOI: 10.1109/I-SMAC61858.2024.10714856, October 2024.

K. L. Lakshmi, S.Shobana, B. P. Kumar, K.B.Glory, B. K. Kumar and S. Rani, "Machine Learning based Cybersecurity Technique for Detection of Upcoming Cyber Attacks," 2023 8th International Conference on Communication and Electronics Systems (ICCES), Coimbatore, India, 2023, pp. 621 625, DOI: 10.1109/ICCES57224.2023.10192738, March 2023

Shobana S; Shakunthala M; C. Vimala Josphine; M. Theodore Kingslin; S. Sivarajan; Chairma Lakshmi K R, "IoT based on Smart Traffic Lights and Streetlight System"2023 2nd International Conference on Edge Computing and Applications (ICECAA) DOI: 10.1109/ICECAA58104.2023.10212121, August 2023.

Shobana S., Muthumari A., Subashree S., Elumalai G., "Earth Sciences Unleashed: A Comprehensive Exploration of AI Applications," Novel AI Applications for Advancing Earth Sciences, Copyright © 2024, Pages: 21, doi:10.4018/979-8-3693-1850-8.ch009.

M. Kiruthiga Devi, M. S. Murali Dhar, K. Unnamalai, S. Shobana, "A Human-Centered Approach to Artificial Intelligence in the Supply Chain," Data-Driven Technologies and Artificial Intelligence in Supply Chain, 1st Edition, CRC Press, First Published: 2023, Pages: 30, eBook ISBN: 9781003462163.

Papers Presented in Conferences (Scopus / WoS indexed only)	Overall :8	After Joining RMK :5
Ph.Ds / Projects Guided	Ph.Ds Guided : nil	Student Projects Guided :10
Books Published :	Count :1	
	Python Programming	
Patents	Published Count :4	Granted Count :nil
	IoT-Based Smart RFID Home Object Tracking and Voice-Enabled Reminder Assistance System Application No.202641020582 A Publication Date : 06/03/2026	
	List : Proxy Re-Encryption Scheme for Data Security in Cloud server using algebraic structure Application No.202241051211 A Publication Date : 16/09/2022	
	SYSTEM FOR REMOTE MONITORING AND DIAGNOSTIC OF CYBER SECURITY USING MACHINE LEARNING Application No :202241066562 Publication Date :19.11.22	
	ARTIFICIAL INTELLIGENCE AND IOT BASED SMART HOUSE FOR ACTIVITY RECOGNITION Application No : 202341011187 Publication Date :18.2.23	
Professional Memberships	Count :2	
	Indian Society for Technical Education IGEN NON DONOR MEMBER	
Consultancy Projects Completed	Count : 4	
Awards Received	Count :2	
	List : Best Faculty Advisor Award 2024 Best Women Engineer Award 2025	
Research grants Received	NIL	
Orchid Link / ID	ID : 0000-0002-9317-7192	
Google Scholar Link / ID	ID : _x7m0oQAAAAJ	
Vidwan Link / ID	ID : 305240	
Research Gate Link / ID	https://www.researchgate.net/profile/Shobana-S-2	
Scopus Link / ID	https://www.scopus.com/authid/detail.uri?authorId=58937191400	