FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr.S.SELVI / T0184
Designation	PROFESSOR
Department	COMPUTER SCIENCE AND ENGINEERING
Date of Joining the Institution	15.11.2001

Qualifications	B.E.	M.E.	Ph.D.

Total Experience	Overall : 26 Years		in RMK : 22 Years
Papers Published in Journal	Overall : 22	After Joining RMK :22	

List of Papers Published	1.**S.Selvi** ,A.Sangeetha, S.Anitha Rajathi, Josephin Shermila.P, ,IoT-Smart Surgical System Treatment to Augment Safety For Hospital Management, International Journal of Early Childhood Special Education, ISSN: 1308-5581 Vol 14, Issue 05 2022. 2. **K.Selvi**, Anitha C S, Lung cancer prediction model using machine learning techniques, , International Journal of Health Sciences, 6 (S2), 306-314,2022. 3. Ram Charan Tej D, Chandrasekar V, Janakiraman S, **Selvi S,** Detection And Prevention Of Packet Injection Attack In Cloud Environment, , xindian Journal 12 (3), 12, 2022. 4. **S.Selvi,** Ala Vyshnavi, Dosapati Kalyani Authorized Request Access for Automatic Privacy-Aware Decisions With Minimum Interactions, Turkish Online Journal of Qualitative Inquiry (Scopus) 12 (4), 2286-2294, 2021. 5. **S. Selvi**, V. Bala Nivetha, R. Divya, S. Gayathri ,Change Point Detection Technique for Weather Forecasting Using Bi-LSTM and 1D-CNN Algorithm, **Springer Journa**l- Next Generation of Internet of Things 201, 109-119, 2021. 6.Sumitha T, Charulatha S, **Selvi S,** Prediction Of Early Symptoms For Chronic Kidney Disease By Ensembled Classifiers, Turkish Online Journal Of Qualitative Inquiry 12 (4), 2321-2335, 2021. 7.A..Gnanasekar, **S. Selvi**, A.S.U. Soundharyaa, A. Malini ,A,Dynamic Data-Driven segregation Approach in Image Restoration Using Neural Networks, Innovation Technology and Management Journal 11 (2), 843-849 , 2021. 8. **S Selvi,** P Kalaivani Machine Learning Approach to analyse Ensemble Models and Neural Network Model for E-Commerce Application, Indian Journal of Science and Technology 13 (28), 2849-2857,2020. 9. **K Selvi**, P Shobarani, ML Aishwarya, M Rajkumar Term

Categorization Using Latent Semantic Analysis for Intelligent Query Processing, International Journal of Innovative Technology and Exploring Engineering, 2019.

10.A.Thilagavathy, T.Ramesh, **S.Selvi**, P Kavitha, Smart Precision Agriculture using LORA and WeIO Interface, International Journal of Recent Technology and Engineering (IJRTE) 8 (3), 2019.

11**. S.Selvi,** Vignesh Baalaji Shankar, Sreehari. P. B, Thilak Praveen ,A Machine Learning Model To Predict Network Attacks Based On Incoming Packet Features,. A, Journal of Emerging Technologies and Innovative Research 6 (3), 165- 175, 2019.

12. **S Selvi**, Rekha G , Rihana R, Roshini V, Predicting Hospital Admissions using Logistic Regression and Random Forest Technique, International Journal for Scientific Research & Development 7 (01), 998 – 1007,2019.

13. **S Selvi,** A Murali, Document Clustering Using Latent Semantic Analysis Categorisation of Term Pairs, , Journal of Computer Science. ISSN 1549-3636 4 (2), 167-171, 2019.

14 G N Prithy, **S Selvi**, Machine Learning Approach for Question Answering in Information Retrieval, International Journal of Scientific Research in Computer Science , ISSN: 2456-3307, 1549-1556, 2018.

15**. K Selvi** R. Preethi, Hybrid Intelligent Similarity Measure for Effective Text Document Clustering Using Neural Network Algorithm, International Journal of Scientific Research in Computer Science SSN:2456-3307,Vol.2, Issue 3, pp.833-839, 2017.

16. **K. Selvi,** R.M. Suresh, Fuzzy Concept Lattice for Ontology Learning and Concept Classification", Indian Journal of Science and Technology, Indian Journal of Science and Technology ISSN: 0974-6846 , e-ISSN: 0974-5645 9 (28), 1-7, 2016.

17. **K Selvi**, RM Suresh, Strategies for effective document clustering using modified neural network algorithm, , Journal of Computational and Theoretical Nano science ISSN: 1546-1955 : EISSN: 1546-1963, 13 (7), pp.4169-4176, 2016.

18. **Selvi. K**, Suresh.R.M, Probabilistic Match Similarity Measure For Document Clustering, International Journal on Information Sciences and Computing, .ISSN - 0973-9092 Vol.9 No.2 July, 2015.

19. **K. Selvi,** R.M .Suresh, Document Clustering Using Modified Neural Network Algorithms And Similarity Measure, International Student Technical Journal 1 (2), 1-7, 2014.

20. **K Selvi,** R M Suresh, An Efficient Technique to Implement Similarity Measures in Text Document Clustering using Artificial Neural Networks Algorithm, Research Journal of Applied Sciences, Engineering and Technology 8 (23) 2014.

21**. K Selvi,** RM Suresh, Document Clustering Using Artificial Neural Networks, , National Journal on Advances in Computing &

	Management 5 (1), 1-5, 2014. 22**. S.Selvi**, S Murugan, Similarity Measure using Fuzzy Formal Concept for any context, International Journal of Advanced Computer Science 3 (12), 607-613,2013.

Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 6	After Joining RMK : 4
Ph.Ds / Projects Guided	Ph.Ds Guided : -	Student Projects Guided : 45

Books Published :	Count : Nil
	List : Nil

	Published Count : 3	Granted Count : -
Patents	1.Title of Invention : Novel Method of M-Iot Based Blood Glucose sensing Non-Invasive Technique Publication Date : 29/11/2019 Publication Number : 48/2019 Application Number : 201941047523 2.Title of Invention : Covid Protocol Management System Publication Date : 02/02/2022 Publication Number : 31/03022 Application Number : 202241019809 3.Title of Invention : Iris Based And Finger Print Based Voting System Via Iot Monitoring Publication Date : 29/04/2021 Publication Number : 19/2021 Application Number : 202141019604	

Professional Memberships	Count : 7
	1. Indian Society for Technical Education(ISTE)-LM28180 2. Computer Society of India(CSI) 3. Indian Society of Systems for Science and Engineering (ISSE) – LM06573 4.International Computer Science and Engineering Society ICSES) 5.International Association of Engineers(IAENG) 6. International Association of Computer Science and Information Technology (IACSIT) 7.International Association of Academic Plus Corporate (IAAPC)- Life Member, FRTJOC-CE003024

Consultancy Projects Completed	Count : 4

Awards Received	Count : 5
	1. **Best Teacher award** for the subject, "Embedded Systems & Microprocessors" **(2000)** by Vellore Engineering College.

	2. **Distinguished Facilitator award, (2017)** by Infosys.
	3. **Best Teaching Faculty award (2017)** by Abdul kalam awards
	4. **Global Teacher Award (2021)** by AKS Education awards.
	5. **Teaching Excellence award (2023)** by International Institute of Organized Research.
Orchid Link / ID	ID : 0000-0003-1214-3853
Google Scholar Link / ID	ID : w556QOMAAA AJ
Vidwan Link / ID	ID : 305389
Research Gate Link / ID	ID: AAE-7338-2019
Scopus Link / ID	ID : 56878650500