





DEPARTMENT OF INFORMATION TECHNOLOGY



Knowledge Partner & Powered by Virtusa

Smt. Manjula Munirathinam Chairperson Shri, R. S. Munirathinam Founder & Chairman Shri. R. Jothi Naidu Director Shri. R. M. Kishore Vice-Chairman Shri. Yalamanchi Pradeep Secretary Dr. Durgadevi Pradeep Vice-Chairperson Smt. Sowmya Kishore Trustee Dr. K.A. Mohamed Junaid Principal Dr. Elwin Chandra Monie Dean-Research Dr. K. K. Sivagnana Prabhu **Dean-Career Development Centre** Dr. K. Manivannan **Dean External Affairs**

PATRONS

Chief Editor Dr. M. Sheerin Banu Professor & Head - IT

Dr. K. Saravanan Associate Professor Dr. S. Selvakanmani Associate Professor Dr. A. Vijayaraj Associate Professor Dr. T. Mahalingam Associate Professor Dr. A. Anna Lakshmi Associate Professor Dr. R. Rajitha Jasmine Associate Professor Mr. L. Vinoth Kumar Assistant Professor Mr. N. Shanmugam Assistant Professor Ms. M. Rekha Assistant Professor Ms. M. Kanniga Parameshwari Assistant Professor Ms. S. Shobana **Assistant Professor** Ms. K. Selvi **Assistant Professor** Ms. S. Nandhini Assistant Professor Ms. T. Akila **Assistant Professor** Mr. S. Nagarajan Assistant Professor

VISION & MISSION

VISION

- To be the most preferred destination in the country for imparting education in Information Technology, at the undergraduate and research levels.
- To transform the learners into innovators at the global level to provide solutions for emerging societal challenges.

MISSION

- To provide an infrastructure and adopt creative teaching techniques to promote participatory learning.
- To develop high personal and professional values, technical competence and a spirit of innovation and entrepreneurship.
- To encourage the desire for higher learning and research, to address global challenges.
- Collaborate with industry to gain knowledge on their current trends.
- To provide opportunity for nurturing skills that leads to career excellence.



ABOUT THE DEPARTMENT

The Department of Information Technology was started in the year 1999 with an intake of 30 students in B.Tech Information Technology and at present, the sanctioned intake is 120. The National Board of Accreditation (NBA), New Delhi, has accredited the Program B.Tech Information Technology. The Department aims at providing domain specific training and skills to the students for pursuing a career in Information Technology. Our mission is to create a conducive environment for technical learning, fostering a desire for higher education and research in the field of Information Technology. Additionally, we aim to equip our learners with the necessary skills to tackle global challenges, nurture an entrepreneurial and innovative mindset. We provide personalized care and counseling to our students, ensuring their holistic development. A dedicated team of 16 faculty members contributes to the holistic development of students. The faculty team includes Two Professors, Five Associate Professors and Nine Assistant Professors.

The Department has well-equipped state-of-the-art laboratory facilities to carry out various projects, research and consultancy activities. The department has received AICTE-CII Award 2018 for the Best Industry-Linked Institute for Computer & IT Engineering & Allied Courses (Established-Degree).

Virtusa Consulting Services Pvt. Ltd., our esteemed Knowledge Partner, contributes to the design of 40.38% of the B.Tech Information Technology curriculum and syllabus. The curriculum includes a majority of Practicum Integrated Courses that focus on niche areas. Expert professionals from Virtusa deliver course contents, which are further enhanced by the Al-driven learning platform, RMK Nextgen, providing students with a personalized learning experience. The Department of Information Technology is recognized as a Research Centre under Anna University, Chennai.

Knowledge Partner and Powered by



COURSES OFFERED

B.Tech - Information Technology

Knowledge Partner and Powered by Virtusa Collobrated with Mr. Cooper for student & faculty engagement activities

HONOURS DEGREE OFFERED:

B. TECH - HONOURS IN INFORMATION TECHNOLOGY WITH SPECIALIZATION IN

- Full Stack Engineering
- Fintech and Web 3.0
- Artificial Intelligence
- Data Science
- Media Processing
- Cyber Security
- Quantum Computing

MINOR DEGREE OFFERED:

- B. TECH -INFORMATION TECHNOLOGY WITH MINOR DEGREE IN
 - Internet of Things
 - Robotics and Automation
 - Electric Vehicle Technology
 - Embedded Systems
 - Business Analytics
 - Entrepreneurship and Innovation

Ph.D. - INFORMATION AND COMMUNICATION ENGINEERING



INDUSTRIAL VISITS



Sansbound Solutions Pvt Ltd, Chennai Batch :2020-24 Year: Final Year No of Students : 57 02-Nov-2023

RETECH

Batch : 2020-24 Year : Final Year No of Students : 57 29-September-2023



INDUSTRIAL VISITS



Retech Laser Solutions, Chennai Batch :2021-25 Year: Third Year No of Students :61

20-Sep-2023

Sansbound Solutions, Chennai Batch :2021-25 Year: Third Year No of Students :61 03-Nov-2023





Virtusa Consulting Services Private Limited, Navalur, Chennai Batch :2022-26 Year: Second Year No of Students :125 06-Jan-2024

IITM Research Park, Chennai

Batch :2021-25 Year: Third Year No of Students : 49 02-Mar-2024



INDUSTRIAL VISITS



RETECH

Batch :2022-26 Year : Second year No of Students : 129 04-September-2023

IITM RESEARCH PARK Batch :2022-26 Year : Second Year No of Students : 129 04-November-2023





Virtusa Consulting Services Pvt Ltd, Navalur, Chennai Batch :2022-26 Year: Second Year No of Students :125 06-January-2024

IITM Innovation Hub Batch :2022-26 Year : Second Year No of Students : 129 16-March-2024



KNOWLEDGE PARTNER BOOTCAMPS & MASTERCLASSES



Bootcamp on **Microservice Architecture** by Mr. S. Rajkumar, Associate Director, Learning and Campus, Virtusa Consulting Services Private Limited, Chennai on 7th October 2023.

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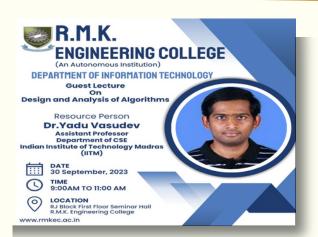
Bootcamp on **React** by Mr. S. Rajkumar, Associate Director, Learning and Campus, Virtusa Consulting Services Private Limited, Chennai on 3rd February 2024.





Hands-on Workshop on **Microservice Architecture** by Mr. N. Akash Karthik, Software Development Engineer (SDE III), Glance, Chennai on 21st October 2023.

GUEST LECTURES



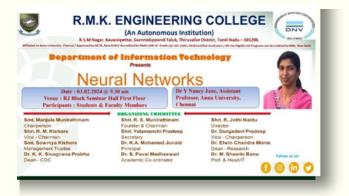
Guest Lecture on **Design and Analysis of Algorithms** by Dr. Yadu Vasudev, Assistant Professor, Department of CSE, IITM, Chennai on 30th September 2023.

Guest Lecture on **Cybersecurity** Fundamentals by Mr. Rakesh Elamaran, Security Engineer, Comcast, Chennai on 14th October 2023.

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Guest lecture on **Neural Networks** on 3rd february 2024 by Dr. Y. Nancy Jane, Assistant Professor, Anna University, Chennai .

GUEST LECTURES

R.M.K. ENGINEERING COLLEGE

Department of Information Technology

Higher Education Cell
Presents

International Workshop on



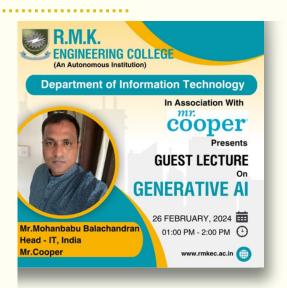
FEBRUARY 7, 2024 1:00 PM - 3:00 PM Pre-Final Year IT Students

ww.rmkec.ac.in

Design Thinking

Dr. Sharmini Gopinathan Associate Professor School of Management & Marketing Faculty of Business & Law Taylor's University, Malaysia International Workshop on **Design Thinking** on February 7, 2024, by Dr. Sharmini Gopinathan, School of Management & Marketing Faculty of Business & Law, Taylor's University, Malaysia.

Guest Lecture on **Generative AI** on 26th February 2024 by Mr. Mohanbabu, Balachandran, Head -IT, Mr,Cooper.





Guest Lecture on **Internet of Things** on 9th August 2024 by Dr. Karthik N, Assistant Professor, Department of CSE, NIT Puducherry.

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INTERNATIONAL WORKSHOP



International Workshop on Applications of **Artificial Intelligence** in Interdisciplinary Fields on 9th August 2023 by:

 Dr. Yukio Mizuno, Professor, Electrical Engineering, Nagoya Institute of Technology, Japan

 Dr. E. P. Shrinathan, Proud Alumnus, 2024 Batch EEE, RMKEC & Nagoya Institute of Technology, Japan

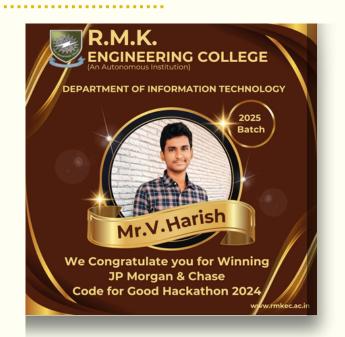


ACHIEVEMENTS



A Team of 4 students from 2024 batch won Virtusa Jatayu Season 3 and received reward of \$1000 from Virtusa.

Mr. V. Harish of 2025 Batch IT has won JP Morgan's "Code for Good" Hackathon held at JP Morgan, Mumbai on 15th & 16th June 2024.



ACHIEVEMENTS



Ms. B. Madhumitha of 2024 Batch IT received the ISTE "Best Student Award" for the Year 2023.

Ms. Kamali H of 2024 Batch IT received the ISTE "Best Student Award" for the Year 2023.



MULTIPLE OFFERS



- Ms. B. Madhumitha and Ms. H. Kamali of 2024 Batch, IT has bagged 4 job offers each.
- Mr. G. Senadhian and Mr. D. Manoj kumar of 2024 Batch IT has bagged 3 job offers each.

R.S.M. GOLD MEDALIST



Ms. S. Swethasri of 2024 Batch has received the R.S.M. Gold Medal for "The Best Outgoing Hostel Student Award (among Girls)" with 10 grams Gold Coin for the period 2020-24.



ACHIEVEMENTS



Two teams from 2026 Batch have received a project grand of Rs. 10,000 each from **Niral Thiruvizha** Hackathon, 2024.

Ms. Kamala Vasanthi of 2026 Batch has received seed money of Rs. 25,000 during the event **Startup Cafe** held at Anna University.





A team of 2026 Batch has been shortlisted among the top 30 teams of Tata Technologies **InnoVent** Hackathon 2024.

ACHIEVEMENTS

S.No	Register Number	Student Name	Name of the Award
1	111720203022	Kamali H	IEI Best Student Award 2024
2	111720203025	Madhumitha B	IEI Best Student Award 2024
3	111721203053	Swetha R	IEI Best Student Award 2024
4	111721203004	A L Sakthi	IEI Best Student Award 2024
5	111721203043	Rajalakshmi G	IEI Best Student Award 2024
6	111721203018	Gokulavani V	IEI Best Student Award 2024
7	111721203032	Manasvini G	IEI Best Student Award 2024
8	111721203014	Deepalakshmi D	IEI Best Student Award 2024
9	111721203049	Shivani B	IEI Best Student Award 2024

CLUB ACTIVITIES

Name of the Club	No of activities conducted within the Department
Math Club	4
Language Club	4
Science and Innovation Club	4
Coding Club	4
Photography Club	4
Astronomy Club	4
Tedx Club	4
Eco Club	4
Cultural Club	4
Yoga Club	4

FACUTLY DEVELOPMENT PROGRAMMES & WORKSHOPS



Faculty Development Program (FDP) on **Artificial Intelligence** by Dr. A. Kannan, Senior Professor, School of Computer Science and Engineering, Vellore Institute of Technology, Vellore on 18th Dec 2023.

Faculty Development Program (FDP) on **Design and Analysis of Algorithms** by Dr. S. Jenicka, Associate Professor, Vellore Institute of Technology, Vellore, on 12th July 2024.





Faculty Development Program (FDP) on **Computer Organization and Architecture** by Dr. K. Jayakumar, Associate Professor, Vellore Institute of Technology, Vellore on 12th July, 2024.

FACUTLY DEVELOPMENT PROGRAMMES & WORKSHOPS

Faculty Development Program (FDP) on **Product-centric Agile Development** by Dr. P. Seshu Babu, NITTTR, Chennai on 13th July 2024.





Faculty Development Program (FDP) on **Database Management System** by Dr. E. Shanmugapriya, Assistant Professor, Anna University, Chennai on 13th July 2024.

Faculty Development Program (FDP) on **DevOps** by Dr. T. Subha, Associate Professor, Department of Educational Media and Technology, NITTTR, Chennai on 13th July 2024.



FACUTLY DEVELOPMENT PROGRAMMES & WORKSHOPS

Faculty Development Program (FDP) Server-side on Programming by Dr. Τ. Sudhakar. Assistant Professor. Department of Computer Technology, Anna University, MIT campus, Chrompet, Chennai on 13th July 2024.





Faculty Development Program (FDP) on Advanced Java Programming by Dr. Κ. Sathiyamurthy, Professor. Department of Computer Science & Engineering, Puducherry Technological University, Puducherry on 19th July, 2024.

SCHOLARSHIP

Mr. Yogesh Kannan S of Batch 2026 has received Rs. 1 Lakh scholarship through the Virtusa Engineering Excellence Scholarship Program 2023 - 24.

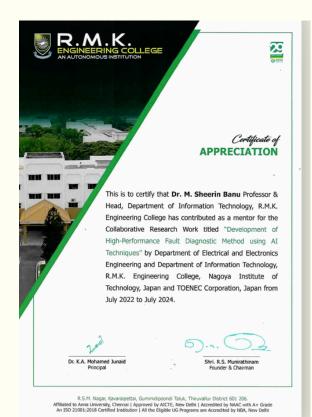






CYBERNAUTIX 2K23, a National Level Technical Symposium on 5th February 2023.

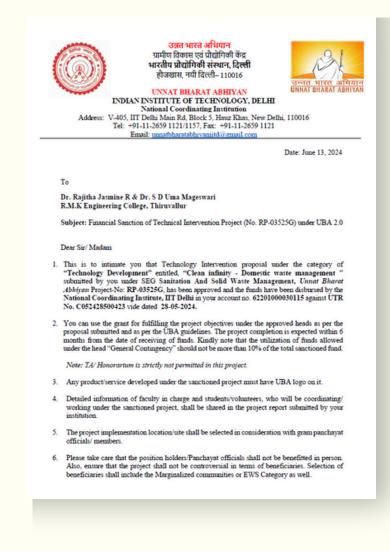
COLLABORATIVE RESEARCH



Collaborative Research By: R.M.K. Engineering College Nagoya Institute of Technology, Japan TOENEC Corporation, Japan Collaborative Research Work Title : Development of High-Performance Fault Diagnostic Method using Al Techniques Name of the Mentor : Dr. M. Sheerin Banu Financial Year : 2022 - 24 Students: Mr. Maaz Hussain - 2023 Batch Mr. Senadhian G - 2024 Batch Mr. Dinesh H - 2024 Batch



FUNDED PROJECT



Project Category : Technical Intervention Project Project Title : Clean Infinity - Domestic Waste Management Mentors : Dr. R Rajitha Jasmine Financial Year : 2024 Project Grant : Rs. 1,00,000/-

KNOWLEDGE PARTNER INTERNSHIP

No. of students undergone Internship (Academic Year 2023-24) - 118



No.of students (2025 batch) - 61 No.of students(2024 batch) - 57

INDUSTRY INTERNSHIPS WITH STIPENDS

No. of students (2024 batch) - 16



Name of the faculty	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
	Image Representation through Pixel- Based Encoding	Journal of Technology	Scopus	
Dr. Sheerin Banu M	Integrating Innovative Technologies for Empowering Student - Centered Learning	Journal of Technology	Scopus	2023
Dr. Radhika S	Implementation of Human Machine Interface Module and Control System Based on Controller Area Network	Cyber-Physical Systems and Supporting Technologies for Industrial Automation	Scopus	2023
Dr. S. Selvakanmani	Improving the Security based Routing Protocol for Wireless Sensor Networks	ICTACT Journal on Communication Technology	Scopus	2023
	Enhanced Expectation-Maximization Algorithm for Smart Traffic IoT Systems using Deep Generative Adversarial Networks to Reduce waiting time.	IEEE Xplore	Scopus	
Dr. M. Jayaprakash	Deep Learning Model on Blockchain for Secured Mobile Communication.	IEEE Xplore	Scopus	2023
	Supply Chain Management Using Bee Swarm Optimisation to Improve the Logistics in E- Commerce Era.	IEEE Xplore	Scopus	
Dr. T. Mahalingam	EOEEORFP: Eagle Optimized Energy Efficient Optimal Route-Finding Protocol for Secure Data Transmission in FANETs	IETE Journal of Research	SCIE	2023
	SWEEPER: Secure Waterfall Energy- Efficient Protocol-Enabled Routing in FANET	IETE Journal of Research	SCIE	
Ms. Selvi K	Effective Short Packet Communication for Resource Allocation in Wireless Powered IOT Networks	International Conference on Advanced Computing and Communication Systems (ICACCS)	Scopus	2023

Name	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
Dr A Vijayaraj	A Novel Communication Pathway Metric Evaluation using Throughput and Energy Improvements over Wireless Sensor Networks	International Journal on Recent and Innovation Trends in Computing and Communication	Scopus	
	Skin Cancer Detection in Deep Learning Using Restnet-50 Model	International Journal on Recent and Innovation Trends in Computing and Communication	Scopus	2023
	Perceptual Video Summarization Using Keyframes Extraction Technique	IEEE Xplore	Scopus	
Dr. Rajitha Jasmine R	Body Sensor Network Using Data Analysis and Modeling for Healthcare Application	IEEE Xplore	Scopus	2023
	AirMobilize: IoT-Powered Air Quality Monitoring on the Co	IEEE Xplore	Scopus	
Ms. M. Rekha	A future prediction for Cyber Attack in Network Domain with Visualizing	IJESDF-International Journal of Electronic Security and Digital Forensics	Scopus	2023
	A Detection of Intrusions Based on Deep Learning	Cybernetics and Systems	SCI	
Ms. Shobana S	Machine Learning based Cybersecurity Technique for Detection of Upcoming Cyber Attacks	IEEE Xplore	Scopus	2023
	IOT based on Smart Traffic Lights and Streetlight System	IEEE Xplore	Scopus	

Name	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
Mr. Vinoth Kumar L	A deep learning-based spices reciprocal system for partridge	International Conference on Deep Sciences for Computing and Communications	Scopus	2023
	An Energy-Aware Agent-Based Resource Allocation Using Targeted Load Balancer for Improving Quality of Service in Cloud Environment	Cybernetics and Systems	Scopus	
Dr.Uma mageswaran	Health Information Broadcast Distributed Pattern Association based on Estimated Volume	IEEE Xplore	Scopus	2023
	Mobility and Behavior based Trustable Routing in Mobile Wireless Sensor Network	IEEE Xplore	Scopus	
	Industries Fire Accident Tracking System based on Internet of Things using Arduino UNO	IEEE Xplore	Scopus	
Dr. Sheerin Banu M	Transforming Higher Education: Strategies for Fostering Innovation and Entrepreneurship in the New Millennium	IEEE Xplore	Scopus	
Dr. Sneerin Banu M	Design and Development of Automation Tool for NBA Evaluators	IEEE Xplore	Scopus	
	ANI-SOUL -A Voice-Assisted System for Animal Identification and Classification	IEEE Xplore	Scopus	2024
	Skin Cancer Disease Classification Using Tasnet V2 In Image Classification	2024 2nd International Conference on Disruptive Technologies (ICDT)	Scopus	

Name	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
	Blockchain Innovations in Education: Empowering Students with Smart Contracts	2024 2nd International Conference on Disruptive Technologies (ICDT)	Scopus	
Dr. Sheerin Banu M	Fusing Nature Inspired Fuzzy Neural Networks for Hypervisor Intrusion Detection	International Journal of Information Technology	Scopus	2024
	Multi-objective load balancing based on adaptive osprey optimization algorithm	International Journal of Information Technology	Scopus	
	A Hash based Deduplication to optimize Medical Image Storage	Proceedings of RMKMATE 2023	Scopus	
Dr. Radhika S	Pulse Non-Orthogonal Multiple Access (PNOMA) Technique for Future Generation Wireless Networks	Proceedings of RMKMATE 2023	Scopus	2024
	A Data-Driven Approach to Improving Neonatal Care through Artificial Intelligence and Clinical Data Integration	IEEE Xplore	Scopus	
	Image Quality Enhancement and Caption Generation	IEEE Xplore	Scopus	
	Deep Graph Neural Networks for Multi-Image Super Resolution Reconstruction	International Journal of Intelligent Systems and Applications in Engineering	Scopus	
Dr. Saravanan K	Improved Adaptive Network- Based Fuzzy Inference System Approach for Power Flow Analysis in Interconnected DC Microgrid	Journal of Electrical Systems	WoS	2024
	Internet of Things Driven Rule Based Management Model for Heterogeneous Environment	SN Computer Science	Scopus	

Name	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
	Leveraging Machine Learning to Identify Synergistic Drug Combinations for Effective Cancer Treatment.	IEEE Xplore	Scopus	
Dr. Saravanan K	Unleashing Innovation: Experimental Evaluation of Blockchain Assisted Electronic Voting System using Secured Authentication Scheme.	IEEE Xplore	Scopus	2024
	Multiple Target Research of Construction Progress on the Basis of on BIM and Decide Tree Algorithms	IEEE Xplore	Scopus	
Dr. Selvakanmani S	Multiple Target Research of Construction Progress on the Basis of on BIM and Decide Tree Algorithms	IEEE Xplore	Scopus	
	BABYBLOOM – Nurturing Pregnancy and Parenthood with Personalized Care	IEEE Xplore	Scopus	2024
	Optimizing E-waste management: Deep learning classifiers for effective planning	Journal of Cleaner Production	SCI/Scopus	
	Privacy-Preserving Breast Cancer Classification: A Federated Transfer Learning Approach	Journal of Imaging Informatics in Medicine	SCI	
Ms Selvi K	1A Novel Development of Artificial intelligence enabled learning Methodology for Human Depression Prediction scheme	Intelligent Systems for Cybersecurity (ISCS)	Scopus	2024

Name	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
	Enhanced routing strategy of wireless sensor network based on fifth generation communication technology	The Scientific Temper	WoS	
	Obstacle Detection and Avoidance Robot with Multi-Control System using IOT	IEEE Xplore	Scopus	
	Organic and Recyclable Waste Classification Using Integrated Feature Selection Method	IEEE Xplore	Scopus	
	Wireless Sensor Networks Consistent and Honest Routing Scheme	IEEE Xplore	Scopus	
	Enhancement of CURE algorithm using Map-Reduce Technique with Pa	IEEE Xplore	Scopus	2024
Dr.A.Vijayaraj	Prediction of User Attrition in Telecommunication Using Neural Network	EAI Endorsed Transactions on Scalable Information Systems	WoS	2024
	traffic and congestion control in cloud	International Journal of Communication Systems	SCI	
	A Sentimental Analysis Approach for Personalized Drug Recommendations Using Machine Learning	IEEE Xplore	Scopus	
	Analysis of Stock Market Predicting Future Trend using ML	IEEE Xplore	Scopus	

Name	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
	Enhancing Security for Dual Access control for Cloud Based Data Storage and Sharing	IEEE Xplore	Scopus	
	Legal Documentation System using Blockchain and Interplanetary File System	IEEE Xplore	Scopus	
Dr. A. Vijayaraj	Cyber intrusion detection using dual interactive Wasserstein generative adversarial network with war strategy optimization in wireless sensor networks	Multimedia Tools and Applications	SCI	2024
	Aquila Optimized Fuzzy Deep Belief Network for Secure Data Transmission in WSN	IETE journal of Research	SCI	
Dr. Rajitha Jasmine R	AirMobilize: IoT Powered Air Quality Monitoring on the Go	IEEE Xplore	Scopus	2024
Dr. A. Anna Lakshmi	Enhancing Security for Smart Healthcare Systems and Infrastructure with Artificial Intelligence	Book chapter	Scopus	2024
	A human-centered approach to artificial intelligence in the supply chain	Taylor & Francis - Book Chapter	Scopus	
Ms. Shobana S	Hyperspectral Image Classification Using Dimensionality Reduction Deep Networks	International Journal of Intelligence System and Application in Engineering	Scopus	2024
	DNovel AI Applications for Advancing Earth Sciences	IGI Gobal - Book Chapter	Scopus	

Name	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
	Development of a Neuro-Inspired Algorithm for Monitoring and Prediction of Earthquakes	IGI Global Book Submission System	Scopus	
	Revoluziting gas managment- integrated approach to leackage detection	Proceedings of RMKMATE 2023	Scopus	
Ms. Rekha M	Determining Intrusion Attacks Against Online Applications Using Cloud-Based Data Security	EAI Endorsed Transactions on Scalable Information Systems	WoS	2024
мз. кекпа м	Intruder identification using feed forward encasement-based parameters for cybersecurity along with IoT devices	Measurement: Sensors	Scopus	2024
	CRUD Application Using React JS Hooks	EAI Endorsed Transactions on Internet of Things	Scopus	
	Human AI Collaboration for backend text generation: Dynamic Content Recommendation (DCR) for Websites based on keywords	2024 International Conference on Computing and Data Science (ICCDS)	Scopus	
Ms. M. Kanniga Parameshwari	CRUD Application Using React JS Hooks	EAI Endorsed Transactions on Internet of Things	Scopus	
	Experimental Evaluation of a Secured Phrase Searching Model Using Cipher Principles Over Cloud Computing Platform	2024 International Conference on Intelligent Systems for Cybersecurity (ISCS)	Scopus	2024

Name	Title	Journal	Indexed in SCI/ Scopus/ WoS/	Year
Dr. Selvakanmani S	Recognition of Cyber Physical Systems Through Network Security for Wireless Sensor Networks: Using Artificial InItelligence in Cyber Physical Systems	Intelligent Solutions for Sustainable Power Grids (Book Chapter)	Scopus	2024
	Strategic Improved K-Means Clustering in Mining Blood Donor Data Analysis and IoT- based Allocation	IEEE Xplore	Scopus	
	An Optimized Routing Scheme in SDN-Based IoT Using the Lion Optimization Algorithm	IETE Journal of Research	SCI/Scopus	
Dr. M. Jayaprakash	Theoretical study and analysis of advanced wireless sensor network techniques in Internet of Things (IoT)	Measurement: Sensors	Scopus	2024
	Innovations in Robotic Technology: A Smart Robotic Design for Effortless Wall Painting using Artificial Intelligence	IEEE Xplore	Scopus	
Dr. T. Mahalingam	Beyond the Current State of the Art in Electric Vehicle Technology in Robotics and Automation	Journal of Electrical Systems	Scopus	2024
	Functional Gastrointestinal Disorders (FGID): Information Technology Adoption Based on Power Transmission	Journal of Electrical Systems	Scopus	
Ms. Karthiga	A logical cyber security enabled methodology design for identifying distributed denial of service attacks using enhanced learning principles	IEEE Xplore	Scopus	2024

PATENT PUBLICATIONS

[-		1
Title	Patent Application Number	Name of Inventors	Status
Internet of Things Based Air Quality sensor device	398899-001	Dr. A.Vijayaraj	Published
IOT Monitoring System for Detecting harmful gases and fires in work field	202441009140	Dr. A. Vijayaraj Dr. S. Selvakanmani Dr. A. Annalakshmi Dr. M. Jayaprakash	Published
loT Control Smart farm System Using Silicon LED Lamp	202441010176	Dr. K.Saravanan Dr. T.Mahalingam Dr. Rajitha Jasmine R Mr. L. Vinoth Kumar	Published
IOT Based Oxygen Supply System	202441029740	Dr.M.Jayaprakash Dr.T.Vijayaraj Dr.S.Selvakanmani Dr.A.Annalakshmi	Published
A Systrem And Method For Remote Controlling And Monitoring Of lot Based Vehicle	202441029720A `	Dr. T.Mahalingam Dr. Rajitha Jasmine R Dr. K.Saravanan Dr.J.Sathiamoorthy	Published
Huam Following Robot Using Ardunio UNO	202341080347	Dr. S. Radhika	Published
An Electronic Walking Device For Physically Challenged Persons	6364399	Dr. Rajitha Jasmine R	Published
System and method forcategorizing mobile phone price information using machine learning algorithms	202441044799	Dr. S. Selvakanmani Dr. R. Annalakshmi Dr. M. Jayaprakash Dr. A. Vijayaraj	Published
A cloud computing system for scalable data storage, processing and method	202441044796	Dr Rajitha Jasmine R Dr.J.Sathiamoorthy Dr.T.Mahalingam Dr.K.Saravanan	Published

PATENT PUBLICATIONS

Title	Patent Application Number	Name of Inventors	Status
Third Eye For Blind	20234108034	Dr. M. Sheerin Banu	Published
An IOT & AI based Pneumonia Detection Device	Design number: 6324846	Dr. A. Vijayaraj	Granted
An Intelligent System for Weather Monitoring and Natural Disasters Prevention Using Internet of Things	202341049441	Dr. A. Vijayaraj	Published
An Analytics Interface For Providing Cyber Threat Detection And Security System	202340109516	Ms.Rekha M	Published
Artifical Intelligence and IOT Based Smart House for Activity Recognition	202341011187	Ms.Shobana S	Published
Deep Learning with Nanotechnology Approach to the Effect of Topical Creams for Treating Blood Cancer	202341007873	Dr K Saravanan	Published



DEPARTMENT OF INFORMATION TECHNOLOGY

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