



Indra Ganesan

COLLEGE OF ENGINEERING

(An Autonomous Institution)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
NAAC Accredited, 2(f) Status Institution by UGC
IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012



8th International Conference on

ARTIFICIAL INTELLIGENCE, DATA SCIENCE AND

CYBER SECURITY FOR HEALTH CARE AND

SCIENTIFIC INNOVATIONS (ICAIDCHS – 2026)

27th & 28th March 2026

International Conference Proceedings

Editors

Dr. G. BALAKRISHNAN

Dr. M. ANUSUYA



INDRA GANESAN COLLEGE OF ENGINEERING

*Department of Research and Development
Madurai Main Road, Manikandam,
Tiruchirappalli, Tamilnadu, India*

Title: 8th International Conference on
Artificial Intelligence Data Science and Cyber Security for
Health Care and Scientific Innovations ICAIDCHS - 2026
(Hybrid Mode)

Editor Name: Dr. G. Balakrishnan
Dr. M. Anusuya

Published by: Shanlax Publications
61, 66 T.P.K. Main Road,
Vasantha Nagar, Madurai – 625003, Tamil Nadu, India

Printer's Details: Shanlax Press
66 T.P.K. Main Road,
Vasantha Nagar, Madurai – 625003, Tamil Nadu, India

Edition Details (I,II,III): I

ISBN: 978-93-6163-279-2

DOI: <https://doi.org/10.34293/shanlax.9789361632792>

Month & Year: March, 2026

Copyright @ Dr. G. Balakrishnan
Dr. M. Anusuya

Pages: 274

Disclaimer : The views, interpretations and conclusions in this book are solely those of the author(s). The author(s) assure that any use of AI tools has been limited only to improving grammar, spelling, and language quality, and not for generating substantive content. The publisher is not responsible for any plagiarism or AI-generated material that may appear in the manuscript. Although plagiarism and AI checks are performed using available tools, varying results across systems prevent absolute accuracy. All ethical and legal responsibilities for the content rest entirely with the author(s).

MESSAGE



Er. G. Rajasekaran

*Secretary, Indra Ganesan Institutions
Tiruchirappalli, Tamil Nadu*

It gives me immense pleasure to extend my warm greetings to all the participants of the 8th International Conference on Artificial Intelligence, Data Science and Cyber Security for Health Care and Scientific Innovations (ICAIDCHS-2026) conducted in Hybrid Mode.

This conference provides an excellent platform for academicians, researchers, scientists, and industry experts from around the world to share their knowledge, innovative ideas, and research findings in the emerging fields of Artificial Intelligence, Data Science, and Cyber Security in healthcare and scientific research.

I appreciate the efforts of the organizing committee for bringing together distinguished speakers and participants for this significant academic event. I am confident that this conference will foster collaboration, inspire new research directions, and contribute to technological advancements in healthcare and scientific innovation.

I wish the conference great success and extend my best wishes to all participants.

A handwritten signature in blue ink, appearing to read 'Er. G. Rajasekaran'.

Er.G.Rajasekaran

MESSAGE



Dr. G. Balakrishnan

*Director, Indra Ganesan Institutions, Trichy, Tamilnadu, India
Principal, Indra Ganesan College of Engineering, Trichy, Tamilnadu, India*

It is my great honor to convey my felicitations on the occasion of the 8th International Conference on Artificial Intelligence, Data Science and Cyber Security for Health Care and Scientific Innovations (ICAIDCHS-2026).

In recent years, Artificial Intelligence and Data Science have revolutionized healthcare systems and scientific research. Conferences like ICAIDCHS play a crucial role in bringing together researchers, academicians, and professionals to exchange knowledge, discuss innovative solutions, and address emerging challenges in healthcare and technology.

I congratulate the organizers for arranging this international platform in Hybrid Mode, enabling wider participation and knowledge exchange across borders.

I am confident that this conference will inspire meaningful discussions, collaborative research, and impactful innovations for the betterment of society.

I wish the conference a grand success.



Dr.G.Balakrishnan

MESSAGE



Dr. M. Anusuya

Professor / Registrar

Indra Ganesan Institutions, Trichy, Tamil Nadu, India

I am delighted to extend my heartfelt felicitations for the **One Day National Conference on “Transforming Health Care with Artificial Intelligence (AI) - A Glimpse into Future - 2026”** organized by the **Indra Ganesan College of Nursing**.

The rapid evolution of Artificial Intelligence is significantly influencing the healthcare sector by enabling data-driven decision making, early disease detection, efficient hospital management, and improved patient care. For healthcare professionals, particularly in nursing, staying informed about these technological advancements is essential to meet the demands of modern healthcare systems.

This national conference provides a valuable academic platform for scholars, practitioners, and students to exchange knowledge, present innovative research findings, and explore the future possibilities of AI in healthcare. The conference proceedings will serve as an important reference for researchers and professionals interested in the integration of AI technologies in healthcare practice.

I appreciate the sincere efforts of the organizers, faculty members, and students in successfully organizing this academic event. I wish the conference every success and hope it contributes to the advancement of knowledge and innovation in healthcare.

Dr. M. Anusuya

MESSAGE



Dr. S. Karthikeyan

*Professor, Vice Principal, Indra Ganesan College of Engineering
Trichy, Tamilnadu, India*

It is a matter of great pride and privilege to extend my warm greetings to all the participants, researchers, academicians, and industry professionals attending the *International Conference on Artificial Intelligence, Data Science and Cyber Security for Health Care and Scientific Innovations (ICAIDCHS'26)*, scheduled on **27th & 28th March 2026**. In today's rapidly evolving technological landscape, Artificial Intelligence, Data Science, and Cyber Security play a crucial role in transforming healthcare systems and enabling scientific innovations. The convergence of these technologies is creating new opportunities for intelligent healthcare solutions, secure data management, and advanced research that can significantly improve the quality of life and societal well-being. ICAIDCHS'26 serves as an important global platform for scholars and practitioners to present their research findings, exchange innovative ideas, and engage in meaningful discussions on emerging trends and challenges in these multidisciplinary domains. The conference encourages collaboration between academia, research institutions, and industry to develop sustainable and impactful technological solutions for healthcare and scientific advancement.

The conference received an encouraging response from researchers and practitioners worldwide. All submitted papers underwent a peer-review process to ensure high academic and research standards. The selected papers included in these proceedings reflect novel methodologies, practical applications, and forward-looking research that contribute significantly to the advancement of knowledge in these important areas. I congratulate the organizing committee for their dedicated efforts in successfully organizing this international conference. I also extend my sincere appreciation to the keynote speakers, reviewers, authors, and participants whose valuable contributions have made this conference a meaningful academic event. I am confident that the deliberations and outcomes of ICAIDCHS'26 will inspire new research directions, strengthen academic and industry collaborations, and promote innovative solutions for healthcare and scientific progress.

I extend my best wishes for the grand success of the conference and hope that all participants gain a rewarding and enriching experience.



Dr. S. Karthikeyan

SYNTHESIS AND ELECTROCHEMICAL STUDIES OF FUNCTIONALIZED CARBON NANOTUBE INCORPORATED $\text{Co}_3\text{O}_4@V_2\text{O}_5$ COMPOSITE FOR SUPERCAPACITOR APPLICATIONS



A. G. Temam^{1,2}, A. Maria³, V. Dimitra³, A. C. Nwanya^{4,5}
P. M. Ejikeme^{2,5} & Fabian I. Ezema^{4,5}

¹Department of Chemistry, Hawassa University, Hawassa, Ethiopia.

²Department of Pure and Industrial Chemistry, University of Nigeria, Nsukka, Nigeria.

³Department of Electrical and Computer Engineering, Hellenic Mediterranean University, Heraklion, Greece

⁴Department of Physics and Astronomy, University of Nigeria, Nsukka, Nigeria

⁵African Centre of Excellence ACE-SPED, University of Nigeria, Nsukka, Nigeria

ABSTRACT

A supercapacitor is an effective and practically reliable energy storage device that possesses several key characteristics, including high power density, durability, and a simple configuration. Identifying effective electrode materials is the primary challenge in advancing supercapacitor devices. Transition metal oxides have made significant progress. For instance, V_2O_5 has received attention due to its abundance and admirable electrochemical properties. Despite its potential, V_2O_5 faces limitations of poor conductivity and low stability. Therefore, this study aims to improve the electrochemical performance of V_2O_5 using carbon nanotube integrated $\text{Co}_3\text{O}_4@V_2\text{O}_5$ ternary composites for supercapacitor applications. The carbon nanotube was functionalised in an acidic medium initially. The $\text{Co}_4\text{O}_4@V_2\text{O}_5$ composite and f-CNT/ $\text{Co}_3\text{O}_4@V_2\text{O}_5$ composites were synthesised using sol-gel and wet impregnation processes, respectively. The performed electrochemical analyses show the pseudocapacitive nature of the studied electrode. The Co_3O_4 , $\text{Co}_3\text{O}_4@V_2\text{O}_5$, and f-CNT/ $\text{Co}_3\text{O}_4@V_2\text{O}_5$ electrodes exhibit specific capacitances of 13.48, 65.12, and 222.63 F.g^{-1} at 0.5 A.g^{-1} , respectively. Moreover, the fabricated f-CNT/ $\text{Co}_3\text{O}_4@V_2\text{O}_5$ electrode exhibits a specific capacitance of 298.68 F.g^{-1} at 1 A.g^{-1} , and an energy density of 93.32 Wh.kg^{-1} at a power density of 3 kW.kg^{-1} . The device has retained 61.76 % of its capacitance and shows 95.2% columbic efficiency over 5000 cycles. This finding extends the opportunities for developing high-performance electrode materials for supercapacitor applications.

Keywords: Supercapacitor, Power density, Energy density, Specific Capacitance

NEXT-GENERATION REHABILITATION: CAN ARTIFICIAL INTELLIGENCE REPLACE THE HUMAN TOUCH



Dr. Saravanan Chockalingam

*PT, DPT, FAAMOPT C-OMPT, CLT, C-IAYT, Doctor of Physical Therapy,
Fellow of the American Academy of Orthopedic Manual Physical Therapists,
Certified Advanced Vestibular Rehabilitation Physical Therapist,
Certified Lymphedema Therapist, Certified Yoga Therapist.
FYZICAL Therapy & Balance Centers, Waterford/Algonac/East China/Port Huron
Teaching faculty, Vestibular Rehabilitation seminars
Waterford, MI 48328, USA*

ABSTRACT

Artificial intelligence (AI) and data science are increasingly transforming rehabilitation medicine by improving assistive technologies and supporting personalized patient care. AI-based systems can analyze patient data, movement patterns, and rehabilitation progress to help clinicians design more effective and individualized treatment plans. One important area of advancement is the development of intelligent artificial limbs and prosthetic devices. Modern prosthetics use sensors and AI algorithms to interpret muscle signals and adjust movements in real time, allowing users to achieve more natural and efficient mobility. These smart prostheses can significantly improve functional independence and quality of life for individuals with limb loss.

Virtual reality (VR) is also becoming an important tool in rehabilitation therapy. VR-based programs create interactive and engaging environments that promote motor learning and neuroplasticity. They are commonly used in neurological rehabilitation, such as after stroke or traumatic brain injury, by providing task-specific training and real-time feedback while improving patient motivation and participation. In addition, AI-assisted rehabilitation equipment, including robotic exoskeletons, smart gait-training devices, and sensor-based therapy systems, helps guide patient movement and provides precise biomechanical feedback. These technologies support clinicians in delivering more accurate, data-driven therapy. Together, AI, virtual reality, and intelligent assistive technologies are advancing rehabilitation medicine by enhancing recovery, improving patient engagement, and promoting greater independence.

Keywords: *Artificial Intelligence (AI), Rehabilitation Medicine, Assistive Technologies, Virtual Reality (VR), Robotic Rehabilitation*

BIONANOMEDICINE IN THE ERA OF ARTIFICIAL INTELLIGENCE: EMERGING STRATEGIES FOR PRECISION HEALTHCARE



Dr. S. Vijayakumar

College of Material Science and Engineering, Huaqiao University, Engineering Research Center of Environment-Friendly Functional Materials, Ministry of Education, Xiamen 361021, PR China.

ABSTRACT

Bionanomedicine is an interdisciplinary field that integrates nanotechnology with biological systems to develop advanced diagnostic and therapeutic strategies for complex diseases. In recent years, the integration of artificial intelligence (AI) with bionanomedicine has significantly accelerated the discovery, design, and clinical translation of nanomaterials for biomedical applications. AI-driven computational models enable the rapid prediction of nanoparticle physicochemical properties, biological interactions, and therapeutic efficiency, thereby reducing experimental time and cost. Machine learning and deep learning algorithms are increasingly applied to optimize nanoparticle synthesis, drug loading efficiency, targeted delivery, and toxicity prediction. AI-assisted imaging and biosensing technologies further enhance the capability of nanosystems in early disease detection, particularly in cancer, infectious diseases, and neurological disorders. Moreover, intelligent nano-platforms integrated with AI analytics facilitate personalized medicine by enabling patient-specific treatment strategies based on genomic, proteomic, and clinical data.

Despite these promising advancements, challenges remain in data standardization, model interpretability, regulatory approval, and ethical considerations. Addressing these issues will be crucial for the successful translation of AI-enabled bionanomedicine into clinical practice. This presentation highlights recent developments, key technological innovations, and future perspectives in AI-assisted bionanomedicine, emphasizing its potential to revolutionize precision diagnostics, targeted drug delivery, and next-generation therapeutic systems.

Keywords: *Bionanomedicine; Artificial Intelligence; Nanoparticle; Machine Learning, Precision Medicine; Targeted Drug Delivery; Nanodiagnostics.*

SYNERGIZING SMART SYSTEMS: AI, IOT AND DATA SCIENCE INNOVATIONS IN HEALTHCARE AND SUSTAINABLE ENERGY



Dr. Neeraja Bathala

*Lecturer (Selection Grade I), Department of Electrical and Electronics Engineering,
Government Polytechnic, Nalgonda, Telangana, India*

ABSTARCT

The convergence of Artificial Intelligence, Data Science, and the Internet of Things is fundamentally reshaping both healthcare delivery and sustainable energy systems. This session explores the interdisciplinary applications of these transformative technologies, drawing from extensive research in machine learning, deep learning, and IoT-enabled systems. The presentation first examines the foundational role of AI in creating smart, resilient infrastructures through case studies on fault detection in smart grids, optimal power prediction for solar energy systems, and advanced battery management systems for electric vehicles employing CNN-BiGRU models. These frameworks demonstrate how predictive analytics can optimize complex systems, enhance operational efficiency, and drive innovation. These same principles are directly transferable to healthcare, where similar models enable continuous patient monitoring, early diagnosis, and intelligent management of critical medical infrastructure. The discussion highlights recent innovations in healthcare technology, including the development of reinforcement learning algorithms for closed-loop cardiac rhythm regulation in smart pacemaker devices, deep neural network integration with biosignal acquisition systems for intelligent pacemaker control, and novel low-noise CMOS bioamplifiers for characterizing neurodegenerative diseases. Additionally, lightweight neural compression techniques for real-time health analytics in IoT environments are examined, demonstrating their crucial role in enabling remote patient monitoring without compromising data integrity or speed, thereby democratizing access to quality healthcare. By demonstrating that methodologies driving next-generation smart energy grids, electric vehicle infrastructure, and renewable energy systems—prediction, optimization, and intelligent control—are equally applicable to revolutionizing patient care, diagnostic accuracy, and scientific discovery, this presentation advocates for interdisciplinary collaboration to build a smarter future where technology serves humanity with both intelligence and ethical consideration.

Keywords: *Artificial Intelligence, Machine Learning, Healthcare Analytics, Internet of Things, Data Science, Smart Energy Systems.*

CONTENTS

S. No	Title	Page No.
1	Depthnav: A Smartphone-Based Depth and Object Recognition Assistant for the Visually Impaired G. Balakrishnan, S. Mohamed Naseem, S. Manikandan & A. Rajaji	1
2	AI-Tuned Eco-Friendly Biosynthesized ZnO Nanofilms for Microplastic Sensing M. Anusuya, T. Pavithra & P. Abirami	2
3	An Efficient Statistical Attention and Wavelet-Assisted CNN for Automated Cancer Diagnosis from Histopathological Images M. Bhuvaneshwari & T.M. Nithya	3
4	Quantum Enhanced AI Payroll – A New Era for Trusted Future Enterprise M. Sharmila Begum, V. Vijayalakshmi, M. Sriram & G. Parandhaman	4
5	A Blockchain-Enabled Trust Management Architecture for Secure and Energy-Efficient Wireless Sensor Networks in IoT Ecosystems M. Jayakeerthi & A. Sherin	5
6	Automated Detection and Protection of Sensitive Information in Digital Documents R. Suganayadevi, S. Asmitha, K. Hariharan & SK. Akash	6
7	Characterization of Wheatstraw, Coconut Shell, and Rice Husk Powder Reinforced Epoxy Hybrid Composites S. Rishibalan, V. Hariprakash & S. SaraavanaKumar	7
8	AI-Based Browser Extension for Real-Time Phishing Detection and Cyber Threat Prediction K. Sarayana, Abinaya Manivannan, Dharshini Umasanker & Harsha Vardhini Venkatachalam	8
9	Emotion-Aware Entertainment System using Facial Expression Recognition and Emotion-Trained Chatbot C. Maria Rhytham, V.S. Subahsri, C. Pavithra & C.P. Uvasree	9
10	Optimized EEG Signal Classification for Accurate Neurological Disorder Prediction Bhuvaneshwari Sundararajan	10

S. No	Title	Page No.
11	Cardiovascular Stroke Prediction System Using Machine Learning T.K Harish Raghavendar	11
12	Performance and Analysis of Double Slope Solar Still Using Energy Storing Material Nanocoated Steel Ball M. Thavasi, G. Bharath Kumar & J. HarishKumar	12
13	Automated Multi-Class PPE Detection in Industrial Environments Using Hybrid Deep Learning Techniques S. Sangeetha & S. Sharmila	13
14	Decentralized Block Chain Market Place for Transparent Farmer to Consumer Agricultural Trade R. Amirtha & S. Sigappi	14
15	Machine Learning Model for Network Traffic Analysis in Software Defined Networks J. Smirna Rahitha, E. Sheela, R. Mythili R & S. Janani	15
16	Greenthumb: Smart Plant Care with Weather-Powered Watering Suggestions K. Yesuraj, Y. Soundaram, Smirna Rahitha Natterjee, E. Kirithka & J. Jenisha	16
17	Secure Hybrid Machine Learning Framework for Heart Disease Prediction with Privacy-Preserving Healthcare Data Transmission M. Mohamed Nizarudeen, M. Rhajeshwari, M. Roshini & D. Sandiya	17
18	Spatio-Temporal Demand Forecasting for Multi-Product Distribution of Perishable Goods Using Machine Learning M. Mohamed Nizarudeen, S. Guhan, S. Jairaman & R. Harisaran	18
19	Bridging Communication for the Hearing Impaired: An Intelligent Tamil Text-To-Sign Language Translation Framework JF Haritha & D. Ramya Cauvery	19
20	Smart Traffic Control System for Emergency Vehicle Priority Using Machine Learning A. Durga & N. Chithra	20
21	Machine Learning Approach for Blood Group Detection Through Eye Images A. Sarika & B. Jeyanthi	21

S. No	Title	Page No.
22	Mata-ASD: Multimodal Attention-Driven Transformer Architecture for Adult Autism Screening M. Kirubasankar, L. Kokila, K. Kalaiyarasan & M. Arivukarasi	22
23	Secure Cloud-Based Disaster Recovery System with AES Enabled Data Protection K. Sathyasri, S. Sriramakrishnan, Sivamanikandan & C. Sakunthala	23
24	A Third-Party Dual-Channel Framework for Prompt Injection Detection in Medical Chatbots M. Sudhan, L. Sundareshwar, SK. Varsha & S. Mohana	24
25	Review of AI-Based Automated Healthcare Monitoring and Intelligent Reverse Logistics for Biomedical Waste R. Bharath Kumar & J. Indhumathi	25
26	Meterguard: Detecting and Preventing Electricity Theft in Smart Homes S. Swetha, M. Uma & R. Priyadharsini	26
27	Intelligent Chatbot System: Personalized Rag Chatbot V. Harshavardhan, S. Kirubhakumar, K. Deenadhayalan & S.V. Karthik	27
28	Waste Segregation Based on Industrial Pick and Place ARM C. Chandravathanam, J. Saravanan, P. Bama & G. Kalarani	28
29	A Comprehensive Review on Secure Smart Healthcare Framework for GMR-Based Estradiol Detection Using Certificateless Elliptic Curve Cryptography P. Indirapriyadarsini & C. Gomathy	29
30	A Multipurpose Smart Shoe for the Visually Impaired G. Kalarani, J. Saravanan, C. Chandravathanam & P. Bama	30
31	Embedded Based Power Quality Measurement in Three Phase Electrical Drives Kathikeyan SR, V. Hariharan, M. Kathiravan, G. Samuel & D. Vetri	31
32	A Multi-Layered Privacy-Preserving Architecture for Secure Healthcare Data Exchange in Cloud Environments P. Muthuvel, S. Priya & K. Sampath Kumar	32
33	Structural Performance Assessment of Tractor Rear Axle Casing Using CAE Techniques S. Jeevanantham, Vyshnav Vinod, S. Rajakumaran & S. Madhusree	33

S. No	Title	Page No.
34	Eco-Friendly Dish Washing System for Water Conservation S. Jeevanantham, S. Praveenraj, B. Belit Raj & Surajvinodkumar	34
35	A Comprehensive Review of Deep Learning Approaches for Diagnosis and Prognosis of Brain Tumor Using Magnetic Resonance Imaging M. Eshwar, M. Srividhya, A. Arasu & R. Poonguzhali	35
36	A Survey of Deep Learning and Forensic Methods for AI-Generated Image Detection S. Shiyam Saran, N. Rahman, Sathish Kumar & R. Poonguzhali	36
37	AI-Powered Railway Track Crack Detection and Monitoring Systems X. JenniferArmy, A Mohamad Arshath, S Uthayakumar & K Meena	37
38	AI-Driven Smartwatch and Emergency App System for Women's Safety using Iot, Real-Time Monitoring, and Evidence Collection K. Mohana Priya, K. Sumetha, G. Yazhini Infanta, J. Oviyashree, L. Swetha, J. Tamilselvi & A. Mohazin Ahmed	38
39	AI-Powered Student Mock Interview and Evaluation System for Educational Institutions G. Nivetha, V. Muthu Subhashini, R. Shalini & S. Vennila	39
40	A Data-Driven Mini Batch Gradient Descent Optimization for Early Detection of Type 1 Diabetes Usharani Chelladurai, MS. Sowmiya & S. Joana Nancy	40
41	Agricultural Crop Monitoring Using GSM Technology J. Deborah Jancy, M. Bhuvaneshwari, S. Sanjay & S. Vetrivel	41
42	Analysis and Mapping of Flood Zones in Cuddalore District Using AI S. Visweshwaran & S. Sabitha	42
43	Sustainable Light Weight Paper Manufacturing from Agricultural Waste M. Jaiabitha & S. Sabitha	43

S. No	Title	Page No.
44	An Ensemble Machine Learning Framework for Credit Card Fraud Detection Using Smote and Xgboost M. Jayasri, Routh Manikanta, Shaik Abdul Althaf & Shaik Saidha	44
45	Internet-Independent Edge-AI Framework for Real-Time Road Accident Detection and Cellular Broadcast Warning in V2I Environments R. Vasuki, K. Harini Anudhu & S. Manasa	45
46	Quantum AI for Drug Discovery: A Domain-Specific Application Perspective Gowsalya	46
47	Precision Agricultural Monitoring Using Wireless Sensor Network S. Mariammal, R. Kavimagesh, M. Sathiyapriya & S. Kanisha	47
48	Optimizing the Spreading Factor Allocation to Enhance QOS in Lora-Based Smart Farming J. SathiaParkavi, S. Parthiban, K. Rubesh Kanna S. Salai Nishanth, & A. Sanjai Krishnan	48
49	Effect of Open Dumping Yard in Environment A. Sachumi	49
50	Vulnerability Analysis and Mapping of Flood Zones in Cuddalore District Using AI S. Visweshwaran & S. Sabitha	50
51	University Campus Navigator Bot: An Intelligent Web-Based Navigation Assistant Using React, Django, and Open Route Service MK. Harshitha, KP. Jeevan & P. Sandhya	51
52	Sign Language Recognition R. Bhargav Reddy, P. Mani Reddy & L. Vamsi	52
53	Personalized AI Tutor for Real-Time Skill and Knowledge Evolution R. Tharun Maran, S.B. Guruprasath, P. Maravarman & U. Elamathi	53
54	An AI-Driven Framework for Automated Job Post Scam Detection, Prediction, and Elimination L. Vaibhavlaxmi	54

S. No	Title	Page No.
55	AI Educational Assistant for School Students M. Saravanan, S. Surya, P. Subash, D. Parameswari, S. Vinitha & S. Ilakkia	55
56	IOT Based Patient Health Monitoring System with Voice Communication R. Sornalatha, B. Saraswathi, R. Ramachandran I.A. Moinuddin & A. Syed Mohamed Basheerutheen	56
57	Hypergraph Memory-Gated Multimodal Infrastructure for Drug Knowledge Extraction A. Saranya & Niyati Kumari Behera	57
58	Survey on Liver Cirrhosis Prediction System Using CNN, RNN and OCR-Based Multimodal Analysis R. Vaisalee, B. Shanmugam, S. Balasurya & P. Ilangovan	58
59	Predicting Cyber Attack Rates Using Extreme Value Analysis Sai Sahithi Kotte & M. Vijayalakshmi	59
60	AI and Data Science in Healthcare and Education S. Ramaprabha	60
61	Cyber Security Challenges in Electronic Health Record (EHR) Systems K. Sangeetha	61
62	Integration of Artificial Intelligence, Data Science and Cybersecurity in Usculoskeletal Physiotherapy Practice N. Bobby	62
63	AI-Powered Nutritional Risk Prediction System for Non-Communicable Diseases T. Radha	63
64	Intelligent Modelling of Surface Quality in Machining of Alloy Steels Using Machine Learning Techniques S. Karthikeyan	64
65	Artificial Intelligence in Chemical Discovery and Molecular Design G. Manimaran	65
66	Investigating the Impact of Micro-Electrochemical Machining (μ ECM) Process Parameters on Material Removal Rate and Surface Roughness Using Machine Learning M. Santhi	66

S. No	Title	Page No.
67	Artificial Intelligence, Data Science and Cyber Security for Healthcare and Cyber Security T. Dhanusha	67
68	Vertical Farming in Aeroponics Using IOT V. Ajith, S. Sanjay, A. Nithishkumar, S. Sinthanaiselvan & B. Kalaivani	68
69	AI-Driven Innovations in Healthcare and Fashion Industry A. Ranjini	69
70	Automated Iot Based Vertical Farming with Climate Control C. Abishek, P. Amarnath, M. Prithivi Raj & MS. Sivakumar	70
71	One Health Approach and Data Analytics in Zoonotic Infection Surveillance and Control R. Thenmozhi, S. Vetrichelvi, & N. Kanimozhi	71
72	AI-Enabled Nano-Super Capacitors: From Data-Driven Materials Design to Intelligent Energy Storage for Healthcare and Scientific Innovations - A Review M. Joseph Salethraj, G. Dayana Jeyaleela & G. Arockia Stalin	72
73	Integration of Artificial Intelligence and Quantum Physics in Medical Diagnostics S. Vetrichelvi, R. Thenmozhi & N. Kanmani	73
74	The Syntax of Care: Bridging Linguistic Analysis, Data Science and Cyber Security in Healthcare Innovation S. Charles Jebabalan	74
75	Deep Learning Techniques for Malware Detection S. Karthika & B. Bavani	75
76	Computer Vision-Based Automated Crop Monitoring and Weed Detection System S. Anbuselvi, R. Suman, S. Swathi & B. Kalaivani	76
77	K-Gonal Graphs with Related Hypermetric Inequalities R. Apparsamy	77
78	Artificial Intelligence in Mathematics and its Real-Life Applications K. Saranya	78
79	Design and Fabrication of Automatic Biogas Production S. Santhanapriya, R. Madumidha, Y. GanesaMoorthy & K. Vanisri	79

S. No	Title	Page No.
80	Artificial Intelligence in Queueing Theory: Advances, Applications, and Future Directions S. Gayathri, V. Harshithaa & P. Gayathri Priya	80
81	Artificial Intelligence, Data Science, and Cyber Security Approaches for Epilepsy Conditions Aakash Kumar	81
82	The Triad of Trust: Mathematical Foundations of AI, Data Science and Cyber Security in Healthcare Innovation J. Revathy, Dharshini Elango & S. Kamatchi	82
83	Application of Artificial Intelligence, Data Science, and Cybersecurity in Neurological Physiotherapy P. Balaji	83
84	Multi-Purpose Seed Sowing, Weed Removing and Fertilizer Spraying Machine V. Periyakaruppi, S. Sundharavalli, M. Kavitha & B. Babu	84
85	Role of Artificial Intelligence, Data Science, and Cybersecurity in Sports Physiotherapy S. Balakrishnan	85
86	Harnessing AI-Powered Digital Twins for Personalized Healthcare and Predictive Medicine D. Prema	86
87	Application of Artificial Intelligence, Data Science, and Cybersecurity for Congenital Conditions D. Gokulakannan	87
88	EV Weeder with Mounted Sprayer M. Balan, S. Jeeva, P. Dhineshkumar & B. Babu	88
89	Artificial Intelligence, Data Science, and Cyber Security Integration for Advanced Healthcare Systems and Scientific Innovation T. Sita Laximi	89
90	Application of Artificial Intelligence, Data Science, and Cybersecurity for Fracture Conditions M. Navya	90
91	Role of Artificial Intelligence in Identifying Nutraceuticals From Fruits and Vegetables G. Solaraj	91

S. No	Title	Page No.
92	Next-Gen Parking Facilities: Deep Learning for Face and License Plate-Based Access L. Akalya	92
93	AI in Pharmacy: Transforming Healthcare and Driving Scientific Innovation R. Rajiv Gandhi	93
94	Modeling and Simulation for AC Electrical Capacitance Tomography Image Reconstruction using Labview S. Charukesi & K. Manikandan	94
95	AI in Medical Imaging for Early Disease Detection A. Ajay Kumar, S. Santhoshini Priya, P. Kirthika & B. Yagalakshmi	95
96	Eco-Friendly Cow Dung Mulch Sheet M. Arthi, R. Boobalan, M. Pooraniyammal & BS. Amaega	96
97	AI-Driven Data Science and Cyber Security Frameworks for Modern Healthcare Systems S. Mariyajency	97
98	Secure and Intelligent Drug Discovery Ecosystem Using Advanced Data Analytics and Blockchain Protection M. Daisy Rani	98
99	Automated Mushroom Farming M. Loganathan, M. Sharmila, Y. Yogalakshmi & K. Vanisri	99
100	AI in Pharmacy: Transforming Health Care and Driving Scientific Innovation V. Gunaseelan	100
101	AI-Based Early Breast Cancer Prediction Using Machine Learning Techniques B. Divya, S. Sudarvizhi, S. Vinitha & R. Vishalini	101
102	Smart Crop Protection and Monitoring System S. Bharani, K. Harini, S. Thilagavathi & MS. Sivakumar	102
103	Empowering IoT Devices with Tinyml: Ultra-Low-Power On-Device J. Durai Chinnappan & R. Uma	103
104	Investing in Fintech P. Iswarya	104
105	IOT-Based Intelligent Animal Detection and Repellent System for Energy-Efficient Crop Protection N.L. Thangadurai, B. Pavithra, G. Sindhu & B. Tamilarasi	105

S. No	Title	Page No.
106	Blockchain-Enabled Machine Learning for Secure Iot Device Authentication R. Uma & J. Durai Chinnappan	106
107	Solar-Powered Cold Storage System for Agricultural Preservation J. Gayathri, S. Divya & N. Ramanarayanan	107
108	Orthosiphon Stamineus (Cat's Whiskers) - A Review Focused on Kidney Health Raman Ramaswamy & Naansi Agnes Leo	108
109	Realtime Soil Nutrient Analyzer K. Kalaieswaran, B. Vedadurai & S. Sumathra	109
110	AI-Driven Waste Management Monitoring for Healthcare Facilities Vigneshwari	110
111	Artificial Intelligence-Enabled Innovations in Healthcare Practice A. Kalanithi	111
112	AI-Driven Climate-Based Surveillance System for Emerging Infectious Diseases V. Abinaya	112
113	An Efficient Method to Reduce Harmonics in AC Grid Using 15 Level Inverter D. Praveen Sangeeth Kumar	113
114	Capitalism: A Ghost Story S. Dhanalakshmi	114
115	Peanuts (Arachis Hypogaea L.) and Health Benefits U. Soundarapandian & R. Geetha	115
116	Artificial Intelligence for Real-Time Monitoring of Neonatal Vital Signs: Enhancing Decision Making in Critical Care Units S. Varalakshmi	116
117	Peanuts (Arachis Hypogaea L.) and Health Benefits, Mainly Malnutrition in Children, A Review U. Soundarapandian, R. Geetha, & Sahaya Arokia Dhas	117
118	Cybersecurity Risk Detection Model for Telemedicine Platforms GokulPriya	118

S. No	Title	Page No.
119	Artificial Intelligence -Driven Cybersecurity in Health Care M. Sneha	119
120	AI-Assisted Early Detection of Diabetic Foot Ulcers Using Smartphone Imaging Indumathi	120
121	AI-Based Hospital Resource Forecasting During Health Emergencies U. Karthiga	121
122	Federated Learning-Driven Cybersecurity Framework for Iot with Privacy-Preserving Threat Detection U. Udhayapriya, G. Kaviya, M. Madhumitha & S. Sowmia	122
123	AI-Based Personalised Yoga Therapy Recommendation System R. Kathiresan	123
124	Artificial Intelligence in Cardio Pulmonary Resuscitation K. Udhaya	124
125	AI-Based Predictive Model for Early Detection of Vector-Borne Disease Outbreaks C. Mohankumar	125
126	AI-Based Behavioural Monitoring for Early Detection of Depression V. Parkavi	126
127	சங்க இலக்கியங்களில் அறிவியல் சிந்தனைகளும் நவீன தொழில்நுட்பங்களும் ப. ஸ்ரீதேவி	127
128	AI Enabled Preventive Diabetes Risk Predictive System M. Praveen Kumar, M. Maheshwaran & B. Vairavel	128
129	The Oil Spil Trajectory and Forecasting on the Ocean Surface By Deep Learning and CNN Algorithm M. Dharani	129
130	Smart Helmet Accident Management System Bhuvaneshwari	130
131	AI-Powered Deepfake Detection & Misinformation Early-Warning System K. Mavithra, H. Afsana, S. Suganya, R. Gayathri & G. Gwendolyn Rosetta	131
132	AI - Driven Smart Consumer Guard J. Deeba Anjalin, Mahalakshmi, M. Sharmila Devi G. Divyasree & T. Sugashini	132

S. No	Title	Page No.
133	Tracking Platform J. Faizal Ahamed, S. Mohammed Safeeullah J. Saran Kumar, M. Fazludeen & G. Revathi	133
134	Smart-Mess: Intelligent Inventory Optimization & Dynamic Demand Forecasting System K. Krishna, A. Guru Prakash, V. Harish, D. Bharanitharan & J. Jenifer	134
135	Clinixnet: A Secure Role-Based Clinical Workflow and Information Management System D. Sanjay, C. Sharon Esther Jessica & J. Jenifer	135
136	An Adaptive AI-Driven Learning Analytics Platform for Personalized Education and Career Readiness S.S. Varsa Tanusya, T. Sughashini, S. Gowsalya, P. Valarmathi & C. Subbulakshmi	136
137	Online Product Opinion and Ranking System S. Dhiviyasri, L. Lavanya Shree, R. Atchaya, M. Kaviya & S. Sivagami	137
138	Artificial Intelligence with Immuno-Bat X in Healthcare: Bridgingimmunology and Technology K. Jancy	138
139	Smart Integrated Visual Assistance System M. Madhan, R. Tamilmaran, R. Martin Naveen & A. Arul Aishwarya	139
140	Human Computer Interaction Iris Dynamics Cursor Movement Hands Free Control G. Vijayalakshmi, V. Susmitha, G. Pavithra, G. Krithiga & G. Gwendolyn Rosetta	140
141	Advanced AI Based Traffic Control System S. SaravanaKumar, S. Hemnath, G. Anbuselvan & V. Elakkiya	141
142	IOT-Based Smart City Pollution Control System V. Shaji, S. Kural Oviya & N.L. Thangadurai	142
143	Experimental Investigation of Layer Deposition in Waam-CMT 3d Printing Using AA2021 R Ramesh Babu, S Deepak, S.G Saravanabhava & X. Thomson Jeffery	143

S. No	Title	Page No.
144	Smart Parking Space Detection Using Deep Learning E. Arjun Rajan, M. Balamurugan, J. Dinesh Babu S. Karthick Sundaram & G. Gwendolyn Rosetta	144
145	Tinyml-Based Wearable System for Real-Time Epileptic Seizure Detection M. Bhuvaneshwari, M. Nisha, P. Barath & V. Natarajan	145
146	Smart Integrated Visual Assistance System A. Arul Aishwarya	146
147	Integration of Artificial Intelligence (AI) in Liquid Oxygen Therapy K. Chitra Devi & T. Prabha	147
148	Iot-Enabled Smart Agricultural Machinery For Precision and Sustainable Farming: A Comprehensive Review B. Babu, J. Jenisha Getzihal & S. Madhusri	148
149	Role of Artificial Intelligence in Telemedicine and Remote Patient Monitoring T. Prabha & K. Chitra Devi	149
150	Load Forecasting in Renewable Integrated Power Systems Using AI J. Belcy Jenifer	150
151	Secure Health Information Systems Using AI-Enabled Threat Detection S. Dhatchinamoorthy, K. Loganathan & K. Karthick	151
152	Karungali (Acacia Catechus) Steam Therapy for Skin Hair and Mental Health Enhance R. Suganya	152
153	VLSI Architecture for Epileptic Seizure Detection Using LMS Filter and Spiking Neural Networks V. Elakkiya, B. Dharshini, J. Dharshini & Ms. V. Nidhisha	153
154	Iru Nelli Karpam in Skindiseases Geetha & Soundarapandiyam	154
155	Smart Laser-Based Fence System for Wildlife Intrusion Prevention in Agricultural Fields R. Dheenathayalan, N. Harish & M. Magesh Boopathi	155
156	Traditional Adjuvant and Vehicle Practices in Siddha Medicine: A Data-Driven Review for Improving Therapeutic Outcomes in Healthcare P. Girijarani	156

S. No	Title	Page No.
157	Smart Diagnostics of AI-Powered Iot Solutions for Solar Grid Reliability M. Geetha Rani	157
158	Nutritional Composition, Bioactive Properties, and Potential Health Benefits of Wheatgrass Powder R. Hemasujatha & L. Naansi Agnes	158
159	Building Intelligent Defence Systems in the Modern Digital Era K. Hemalatha	159
160	Single Herb Therapy in the Management of Diarrhoea in Siddha Perspective- A Review J. Nandhini Shenbaga Subha	160
161	Development of A Green and AI-Integrated Stability-Indicating RP-HPLC Method for Simultaneous Estimation of Vildagliptin and Telmisartan Using Analytical QBD with Multivariate Optimization R. Jeeva	161
162	Blindsight AI: An Intelligent Objectrecognition System for the Visually Impaired J. Jenifer, R.S. Madhumitha, M. Vasanth & V. Varatharasu	162
163	AI In Pharmacy: Transforming Healthcare and Driving Scientific Innovation R. Jyothi	163
164	Response of Real Time Ripeness Monitoring Using Iot Sensors to Prevent Over Ripening in Paddy B. Kalaivani	164
165	Machine Learning Approaches in Osteoporosis Risk Assessment N. Kalaivani	165
166	Smart Healthcare Ecosystem Using AI, Big Data Analytics, and Secure Computing K. Karthick, K. Loganathan & S. Dhatchinamoorthy	166
167	Deep Learning Techniques for Malware Detection S. Karthika & B. Bavani	167
168	Traffic-Shield: Camera Based Road Safety System S. Devibalan, B. Raja Ganesh, R. Sakthivel R. Vasundharan & T. Sugashini	168

S. No	Title	Page No.
169	AI-Based Intelligent CCTV System for Automated Accident Detection and Emergency Notifications A. Rizwana Parveen, G. Revathi, S. Kalpana, B. Jayapakiyam & P. Santhiya	169
170	Saraca Asoka: A Potential Natural Remedy for Endometriosis Karthikeyan Annathanam & Naansi Agnes Leo	170
171	Application of Machine Learning in the Diagnosis of Acute Gastroenteritis R. Keerthika	171
172	Federated Learning for Secure Medical Data Analytics Kiruthika	172
173	Monitoring Pesticide Accumulations In Environmental Samples with the Support of AI Tools: A Review P. Kokilavani, R. Kaviarasu & A. Sathappan	173
174	Deep Learning Models for Accurate and Rapid Diagnosis of Anemia A. Krithika	174
175	Predictive Healthcare Modelling Using Artificial Intelligence and Data Science K. Loganathan, S. Dhatchinamoorthy & K. Karthick	175
176	Strategic Management of AI and Cyber Security in Healthcare Industry E. Manikandan	176
177	AI-Powered Smart Textiles for Physiological Signal Analysis R. Megaladevi, D. Shane Paul, M. Jeeva & P. Murugeswari	177
178	A Study on AI Ethics and Responsible Technology Development N. Minipriya & A. Mahendran	178
179	Unlocking the Therapeutic Potential of Cleome Viscosa: Insights from Machine Learning and Network Pharmacology Naansi Agnes Leo & Raman Ramaswamy	179
180	Statistical Process Control as Data Analytics: An Investigation V. Mariappan, K. Manikandan, S. Rajasekaran & V. Singbal	180
181	AI-Based Personalization Strategies in Marketing ML. Nisha Martina & P. Brundha	181

S. No	Title	Page No.
182	Smart Security System for Protecting Agricultural Fields from Grazing Animals V. Dhanishka, P.S. Kaviya, M. Kowshika & M. Mathumitha	182
183	AI For Early Detection of Pediatric Disorders in Siddha System of Medicine T. Priyanka	183
184	Machine Learning Applications in Pharmacovigilance and ADR Prediction D. Rabiya	184
185	Securing Next-Generation Industrial Engineering: An AI-Driven Data Science Approach to Cyber-Resilient Digital Twins and Smart Manufacturing N. Ramanarayanan	185
186	A Review on AI-Driven Drug Delivery Systems Utilizing Smart, Responsive Biomaterials D. Rekha, R. Lavanya, R. Akalya & R. Nisha Devi	186
187	AI-Driven Healthcare Security with Tamil Language Computing M. Sangeetha	187
188	Real-Time Human Activity Recognition System Utilizing CNN-LSTM Architure Based on Learning G. Revathi, A. Chinnaiya & A. Aslim Ahamed	188
189	Composite Materials: Properties, Applications and Future Developments in AI S.P. Kalaiselvan, S. Manikandan, R. Parthiban & K. Elangovan	189
190	Artificial Intelligence in the Diagnosis of Aids Diseases P. Sivabalan, R. Santhosh Kumar & P. Kalaiyaran	190
191	Machine Learning Models for Crop Yield Prediction M.S. Sivakumar	191
192	Evaluation of Voltage Stability and Strategic Load Shedding Utilizing NVSI and FVSI During Contingency Scenarios H. Lokesh, A. R. S. Matheswaran, P. Nallendrakumar B. Nishanthan, V. Jeyamalini & R. Kanimozhi	192
193	AI for Vascular Access Monitoring and Failure Prediction G. Thatchayani & A.M.Vaishnavi	193

S. No	Title	Page No.
194	A Comparative Study of Financial Performance of Wipro Limited and Infosys Limited C. Soundar Rajan, N. Gowtham & R. Naresh	194
195	AI-Based Predictive Fault Detection and Energy Optimization in Smart Distribution Systems V. Srividhya	195
196	Formulation and Evaluation of Hard Gelatin Capsule of Aceclofenac by Trituration Method X.V. Sugumarpandi	196
197	Design and Development of an IOT based Smart Poultry Farm Unit S. Sumathra, P. Ranchana, P. Thishanthini & M. Devadarshini	197
198	Preventive Analysis Using Artificial Intelligence in Modern Healthcare S. Thazin Banu	198
199	AI-Based Fracture Detection in Digital Radiography A.M. Vaishnavi, & G. Thatchyani	199
200	Smart Storage Systems Using AI for Shelf-Life Prediction of Agricultural Produce K. Vanisri, S Gopika, A Saranya & Akalya	200
201	Pharmacological Activities and Importance of Thiripala, Thirikadugu and Thirisugandham - A Review V. Manimekalai	201
202	The Role of Predictive Analytics in Strengthening Marketer Engagement in the New Normal J.V. Velu	202
203	Machine Learning Approach to Predict Energy Consumption R. Snekaa	203
204	AI Based Animation Story, Storyboard and Manga Generation S. Hariprasath, M. Karthikeyan & A. Kiruso Kumar	204
205	Smart Parking System with Real-Time Vehicle Detection and Slot Occupancy Monitoring Shalini Selvakumar, S. Dharaanishan, G. Hariharan & N. Mohan Prabhu	205

S. No	Title	Page No.
206	Deep Learning Framework for Text-Image Web Data Sentiment Analysis S. Sivagami	206
207	Voice Based Smart Dustbin R. Nivetha	207
208	A Review of AI-Based Automated Healthcare Monitoring and Intelligent Reverse Logistics for Biomedical Waste R. Bharath Kumar & J. Indhumathi	208
209	Cross-Domain Sentiment Classification of Product Reviews Using Deep Learning Approach P. Karthika	209
210	IOT Based Smart Irrigation System P. Manjula	210
211	AI-Assisted Cognitive Behavioral Therapy System for Personalized Mental Health Support Using Generative AI N. Shalini, A. Amal Raj, M. Nanthakumar & P. Saravanan	211
212	Agri Connect Hub Smart Agriculture System S. Sathish, K. Thenmozhi, E. Durgadevi, & P. Karthika	212
213	Smart Shopping Cart Mart System G. Subiksha, B. Abinaya, N. Abinaya, & S. Malathi	213
214	IOT Based Automatic Traffic Controller for Ambulance Using RF Transmitter G. Anamika	214
215	Transfer Learning Algorithm to Detect Mulberry Disease N. Mohan Prabhu	215
216	Digitizing Siddha Diagnostics: An AI-Driven Framework for En Vagai Thervu (The Eight-Fold Examination) A. Shakeena Parveen, S. Priya & E. Ponmalar	216
217	App Based Smart Agriculture for Direct Farmer Market Integration V. Vignesh, D. Jai Surya, P. Mathiyarasan, K. Meiyamoorthy & R. Subbalakshmi	217
218	AI Based Forest Fire Detection S. Mahalakshmi, C. Velammal, M. Dhanalakshmi & K. Manikandan	218
219	Traffic Prediction Using Deep Learning Approach A. Suganya	219

S. No	Title	Page No.
220	Hybrid Recommendation Algorithm for Connecting LinkedIn Skills with Github Contributions F. Paul Abhishek, S. K Vebakar, K. Varun Prasath R. Naveen & S. Nageshwari	220
221	Similar Face Search AI Using Open-Source Models C. Srivenkateswaran1 & A. Manaswika	221
222	Transformative Computational Approaches for Predicting Plant Growth and Development D. Beulah Elizabeth & N. Ysaswini	222
223	Credit Card Fraud Detection Approachbased on Ensemble Machine Learning Classifier with Hybrid Data Sampling P. Sumithra, N. Yaksha, & C. Srivenkateswaran	223
224	Meterguard: Detecting and Preventing Electricity Theft in Smart Homes S. Swetha, M. Uma & R. Priyadharshini	224
225	A Holistic Review of Smart Water Governance Using Intelligent Sensor Networks C. Paul Prabakaran, S Balaji, M. Kavitha Vaishali & Kavya Ganesamoorthy	225
226	The Medibridge Ecosystem G. Varshini Priya, R.S. Srinidhi & C. Maria Rhythm	226
227	Stack Price Prediction Using Machine Learning S. Nivetha & M. Flora Marry	227
228	AI-Enabled Iot Framework for Smart Waste Management System A. Denitta, K. Kanchana, R. Roshma & C. Saratha	228
229	Electro Chemical and Micro Structural Investigation of the Corrosion Behavior of Al-Sicp Metal Matrix Composites Fabricated by Powder Metallurgy K. Ramanathan, A. Samu, K. Yuvaraj & T. Rubasenthilnathan	229
230	A Comprehensive Survey of Deep Learning Techniques for Diabetic Retinopathy: Detection, Severity Grading, Explainability, and Clinical Deployment K. Haridharan, S. Akshith, M. Arun Ignasiyas & T. Kavitha	230
231	Applications of Artificial Intelligence in Healthcare for Medical Treatment and Diagnostics P. Balashankar, K. Balaguru, B. Barathan & J. Mohamed Riyan	231

S. No	Title	Page No.
232	Computer Vision Approach for Vehicle Counting in Live Traffic Environment C. Nivetha	232
233	IOT-Based Predictive Maintenance for Machines N. Hariharasudan, M. Manikandan, P. Vetri Nilavu & K. Elangovan	233
234	Development of a Diabetes Health Record System with Risk Analysis Predictor K. Sreedharshini, K. Sivasankari, S. Samuna Padma & G. Padmapriya	234
235	Location-Aware Intelligent Cab Booking Platform with Emergency Alert System for Women Safety Subbulakshmi, K. Banu Sree, M. Malini, P. Priyanka & S. Sandhiya	235
236	Efficient Implementation of Partial Product Reduction Using Look Up Table N.L. Thangadurai	236
237	Network Intelligent Intrusion Detection System Using Gen AI for Real Time Thread Detection A. Anusuya, S. Divya Darshani, S. Deepika & M. Sharmila Begum	237
238	Deep Learning Fusion Model for Pancreatic Cancer Risk Prediction Using Clinical Biomarkers and CT Imaging P. Rutheeshwaran, H. Vignesh, V. Ponnambalam Rohit V. Surya Prakash & P. Dineshkumar	238
239	Survey on Image-Based Breed Recognition for the Cattle and Buffaloes R. Abinaya, V. Sowndharya, S. Sasidharan & P. Ilangovan	239
240	Survey on Image-Based Breed Recognition for the Cattle and Buffaloes E. Boomika, G. Santhiya, & V. Ayyappa Pandi	240