

PANIMALAR ENGINEERING COLLEGE

An Autonomous Institution

[JAISAKTHI EDUCATIONAL TRUST]

Approved by AICTE | Affiliated to Anna University | Recognized by UGC
All Eligible UG Programs are Accredited by NBA
Bangalore Trunk Road, Varadharajapuram, Poonamallee, Chennai- 600 123

DEPARTMENT OF INFORMATION TECHNOLOGY

CONFERENCE PUBLICATIONS

2024-2025*

S.N.	Name of the Faculty	All Authors Name (As Mentioned in the Article)	Title of the Paper	Name of the Conference & Host Institution	Proceeding sPageNo, Published month & year,	ISBN No.	Indexed in Google Scholar/ Scopus/ WOS	DOI-Link	PaperLink
1.	Dr.B.Buvan eswari	Devi T. , Alkhayyat,Ahmad, Armoogum,Vinaye, Manjula B.M B.Buvaneswari	Convolutional Neural Network and Long Short-Term Memory based Ensemble Learning for modulation classification in 5G Network	2nd IEEE International Conference on Networks, Multimedia and Information Technology NMITCON2024	August 2024	ISBN 979-835037289-2	Scopus, Google Scholar	DOI 10.1109/NMITCON62075.2024.10699236	https://www.scopus.com/recording/display.uri?eid=2-s2.0-85207431366&origin=resultslist
2.	Dr.B.Buvan eswari	M. Sumithra; B.Buvaneswari; B.Arumugam; G.R. Abishek Kannuswamy; M.P.Manoj Sayee	Smart Stationary Trash bin with Robotic arms & Ultrasonic Sensor	4th International Conference on Internet of Things, ICIoT2023	020051 July 2024	ISSN 0094243X	Scopus, Google Scholar	DOI 10.1063/5.0226740	https://www.scopus.com/recording/display.uri?eid=2-s2.0-85200730729&origin=resultslist
3.	Dr.Karthikeyan, B	Devi, M.K. Ramadass, P. Karthikeyan, B. Kavitha, E. Sanmugasundaram, R.	E2FP-Net: Elevated Fusion Feature Pyramid Network for Alzheimer Detection	2024 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication, IConSCEPT 2024 – Proceedings	July 2024	ISBN 979-833154068-5	Scopus, Google Scholar	DOI 10.1109/IConSCEPT61884.2024.10627785	https://www.scopus.com/recording/display.uri?eid=2-s2.0-85203540174&origin=resultslist

4.	Dr.S.Suma Christal Mary	Hegde, N. Prajwal SendmailtoHegde N.P, Sivaraman R, Dharmamoorthy G, Dubey, Ankit Kumar, Patro,Pramoda S.SumaChristal Mary	Development of Elliptical Cryptography Technique to Watermark Embedded and Extrusion for HealthcareRecords	International Conference on Cyber Warfare, Security and Space Computing (Communication sin Computer and InformationScience)	Vol2195,pp . 167–181, October 2024	ISBN 978-3- 031- 73494-6	Scopus, Google Scholar	DOI https://doi. org/10.10 07/978-3- 031- 73494- 6_12	https://scopus.com/record/display.uri?eid=2-s2.0-85208711306&origin=resultslist
5.	Dr.K.Lalitha	K.Lalitha,PrathikaA, Dr.M.XavierSuresh, J. M.Sunitha	Sustainable crop protectionusingIoT enable drone spraying with support vector analysis	2nd International Conference on Intelligent Cyber Physical Systems and Internet of Things,ICOICI2024 - Proceedings,2024	Pages412– 418, August 2024	ISBN 979- 833154 066- 1	Scopus, Google Scholar	DOI 10.1109/ICoICI62503 .2024.1069 6038	https://www.scopus.com/record/display.uri?eid=2-s2.0-85207209858&origin=resultslist
6.	Dr.K.Lalitha	Anitha, D., Kolangiammal, S., Lalitha, K., Ganesh, E.N., Muthulekshmi, M.	IoT-Enabled Exoskeletons for Firefighters Using Reinforcement Learning for AdaptiveSupport in Emergency Situations	2nd International Conference on Intelligent Cyber Physical Systems and Internet of Things,ICOICI2024 - Proceedings,2024	Pages455– 460, August 2024	ISBN979- 833154 066- 1	Scopus, Google Scholar	DOI10.1109/ICoICI62503.2024.10696056	https://www.scopus.com/record/display.uri?eid=2-s2.0-85207177314&origin=resultslist
7.	Dr.S. Sharanyaa	S. Sharanyaa, A. Ganesh, A.Hammadh Ahmed & S. Ganesh	Diagnosis of Parkinson'sDisease Using Machine Learning and Deep LearningTechniques	Communications in Computer and InformationScience, International Conference on Advances in ArtificialIntelligence and MachineLearning BigDataProcessing	Pages111– 123, 2025	ISBN:978- 3-031- 73065-8	Scopus, Google Scholar	DOI 10.1007/978-3-031-73065-8_9	https://www.scopus.com/record/display.uri?eid=2-s2.0-85206362875&origin=resultslist
8.	Mr.Kandasamy, V	Kandasamy,V. Aravind, M. SivaGanesh,P. ThulasiRaman, G.	Web Based Real TimeBowelCancer Stage Suggestion Using CNN	2ndInternational Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings,2024	pp. 1503– 1507,July 2024	ISBN 979- 835037 999- 0	Scopus, Google Scholar	DOI 10.1109/ICSCSS60660.2024.10624816	https://www.scopus.com/record/display.uri?eid=2-s2.0-85203108356&origin=resultslist

9.	Mr.Gopi, S	Mr.Gopi, S. Vishal, M., Ibrahim,Z.S., Prabu, A.S.	E-Assessment of Student'sBehavior and Credits using Data Mining	4TH INTERNATION AL CONFERENCE ON INTERNET OF THINGS 2023: ICIoT2023	Volume 3075,Issu e 1, July2024	ISSN: 009424 3X	Scopus, Google Scholar	https://doi.org/10.1063/5.0217351	https://www.scopus.com/record/display.uri?eid=2-s2.0-85200713742&origin=resultslist
10.	Mr.Gopi, S	Gopi, S., Gokul, P., Charan, M., Lingesan, R.	RiderSurveillance toEnsureWearing of Helmet and to AssistPatrol for SafetyDriveusing Deep Learning Approaches	4TH INTERNATION AL CONFERENCE ON INTERNET OF THINGS 2023: ICIoT2023	Volume 3075,Issue 1 July2024	ISSN: 009424 3X	Scopus, Google Scholar	https://doi.org/10.1063/5.0217349	https://www.scopus.com/record/display.uri?eid=2-s2.0-85200773014&origin=resultslist
11.	Dr. R. Dharani,	Saranya. M,Ravi Shankar Saxena,PAand an, DineshkumarS, R. Dharani,ArunSe kar Rajasekaran	User- LevelEmotion Detection Framework for SocialNetworkDat a	2024 International Conference on Intelligent Algorithms for Computational IntelligenceSyste ms (IACIS)	August202 4	ISBN 979- 835036 066- 0	Scopus, Google Scholar	DOI 10.1109/I A CIS61494. 2 024.10721 7 84	https://www.scopus.com/record/display.uri?eid=2-s2.0-85208780577&origin=resultslist
12.	K. Lalitha,	K. Lalitha, Dr.TRSaravana n, Dr.TRSaravana n, Dr. G Geethamahalaks hmi, Dr. M. Xavier Suresh, S. Murugan	Reinforcement LearningforPatien t- Centric Lighting ManagementSyste m in Healthcare Sector	8thInternational ConferenceonI- SMAC (IoT in Social, Mobile, Analytics and Cloud),I-SMAC 2024	Pages1740- 1746,Oct 2024	ISBN 979- 835037 642- 5	Scopus, Google Scholar	DOI 10.1109/I- SMAC618 5 8.2024.10 7 14798	https://www.scopus.com/record/display.uri?eid=2-s2.0-85208589079&origin=resultslist
13.	Mrs .BenithaChr istinal J	BenithaChristin alJ, Chandran V, Srinic J,rasannasriniva san A	A Distributed Node Clustering Coalition GameforMobileA d Hoc Networks	2024 Asia Pacific Conference on Innovation in Technology,APC IT 2024	July2024	ISBN 979- 835036 153- 7	Scopus, Google Scholar	DOI 10.1109/A P CIT62007. 2 024.10673 6 35	https://www.scopus.com/record/display.uri?eid=2-s2.0-85205536938&origin=resultslist
14.	Mrs.K. Lalitha	TamilselviM. Neelima A. Amarnath, J. Jegan Lalitha K. GaneshE.N. Thamizhamuthu R.	Naive Bayes- based Autonomous IlluminationSyste m for Urban Green Spaces with Cloud Assistance	4th International Conference on SustainableExper t Systems, ICSSES 2024	October 2024	ISBN 979- 833154 036- 4	Scopus, Google Scholar	DOI 10.1109/I C SES63445 .2024.1076 3 349	https://www.scopus.com/record/display.uri?eid=2-s2.0-85214806357&origin=recordpage

15.	Mrs.K. Lalitha	Gayathri S. Velvizhi V.A. Lalitha K. Anitha R. PriyadharshiniB Kiruthika A.	Advancing Public Premises Surveillance: A YOLO-Based IoT CameraSystemwith CHATBOT Integration	4thInternational Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2024	Pages734–740, November 2024	ISBN 979-833150884-5	Scopus, Google Scholar	DOI 10.1109/ICPECTS62210.2024.10780330	https://www.scopus.com/record/display.uri?eid=2-s2.0-85215524165&origin=recordpage
16.	Mrs.K. Lalitha	Sagar B.S. Rajasekaran Mothiram Sakthisaravanan B. Jyothi R. Leela Lalitha K. MuruganS.	Electric Vehicle Range Prediction using Random ForestRegression	8th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2024	Pages734–740, November 2024	ISBN 979-835036790-4	Scopus, Google Scholar	DOI 10.1109/ICECA63461.2024.10800848	https://www.scopus.com/record/display.uri?eid=2-s2.0-85216263895&origin=recordpage
17.	Mrs.K. Lalitha	ViswanathanC. Lalitha K. Selvi J.Jeslin, J.Gnana Vignesh , C.Chandru MuruganS.	Advanced Wound CareTrainingwith IoTandLSTMfor DynamicLearning Environments	5th International Conference on DataIntelligence and Cognitive Informatics, ICDICI 2024	Pages180 – 185,November2024	ISBN 979-835038960-9	Scopus, Google Scholar	DOI 10.1109/ICDICI62993.2024.10810988	https://www.scopus.com/record/display.uri?eid=2-s2.0-85216686759&origin=recordpage
18.	P Prema	P Prema, M Elakkiya, SAishwariya, R Harshini	HarnessingAIML for Real-Time Conversion of Sign Language to Improve Web Accessibility	5th International ConferenceonIoT Based Control Networks and Intelligent Systems,ICICNIS 2024	Pages1238 – 1245, December 2024	ISBN 979-833151809-7	Scopus, Google Scholar	DOI 10.1109/ICICNIS64247.2024.10823269	https://www.scopus.com/record/display.uri?eid=2-s2.0-85217173212&origin=recordpage
19.	Dr.M.Sumithra Dr.B. Buvaneswari	Sumithra M Buvaneswari B Grace Nesam Rajesh; Deepa Sivaprakash; Pavithraa Suresh	Prediction of Chronic Kidney Disease Stages and Chronic Kidney Stones Using the SML Technique	6TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING: IConIC2K23	Volume 3175, Issue 110 March 2025	ISSN 0094243X	Scopus, Google Scholar	DOI 10.1063/5.0259566	https://www.scopus.com/record/display.uri?eid=2-s2.0-105000359232&origin=recordpage
20.	Dr. Dhanalakshmi G.	Rayen, SoniaJenifer Prasad U. Moulichandra B. Jagadeeshwaran A. Krishnamoorthy N.V. Dhanalakshmi G.	EDNCL: An Efficient Deep Learning Approach to Identify Cardiovascular Diseases Based on Enhanced Deep Neural Classifier Logi	International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024	December 2024	ISBN 979-833154361-7	Scopus, Google Scholar	DOI10.1109/ICSES63760.2024.10910504	https://www.scopus.com/record/display.uri?eid=2-s2.0-105001227987&origin=recordpage

21.	Dr. G.Dhanalakshmi	Sonia Jenifer Rayen U.Prasad B.Mouli Chandrappa Jagadeeshwaran A N.V.Krishnamoorthy G.Dhanalakshmi	Development of an IoT Enabled Smart Children Tracking and Monitoring System Using Map Location Services	International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024	December 2024	ISBN 979-833154361-7	Scopus, Google Scholar	DOI 10.1109/ICSES63760.2024.10910575	https://www.scopus.com/record/display.uri?eid=2-s2.0-105001340872&origin=recordpage
22.	Dr.K. Muthulakshmi K	Muthulakshmi K; Sai Pavithra Anandan; Swetha Shanmugam	A Blockchain Based E-Coupon Service for Secure Transaction	6th International Conference on Intelligent Computing, IConIC2K25	Volume 3175, Issue 1 March 2025		Scopus, Google Scholar	DOI 10.1063/50254581	https://www.scopus.com/record/display.uri?eid=2-s2.0-105000335222&origin=recordpage
23.	Mrs. J., Benitha Christina	J., Benitha Christina A., Ameelia Roseline	Enhancing Outpatient Medical Care Services Through SDN Cloud-Based Appointment Scheduling and Secure Data Management	16th International Conference on Communication Systems and Network Technologies, CICON 2024	Pages 618 – 623, 2024 December 2024	ISBN 979-833150526-4	Scopus, Google Scholar	DOI 10.1109/CICN63059.2024.10847387	https://www.scopus.com/record/display.uri?eid=2-s2.0-85218007836&origin=recordpage
24.	Ms.Prema P.	Prema P. Ramaprabha J. Venkat Ramana N. Kalpana D. Gunasekar S. Pius Agbulu G.	Enhancing Satellite Imagery: Time-Varying Neural Network Approach	International Conference on System, Computation, Automation and Networking, ICSCAN 2024	Code 207212 December 2024	ISBN 979-833151002-2	Scopus, Google Scholar	DOI 10.1109/ICSCAN62807.2024.10894599	https://www.scopus.com/record/display.uri?eid=2-s2.0-105000404440&origin=recordpage
25.	Dr.S.Sharan yaa	Balaji T.S. Nadanasabai R. Ravikumar, Rajesh Jagadeesan Sharanya S. Meenal R.Deepthi, Nandigam Poornima	Research on the Application of Artificial Intelligence in Cybersecurity: Integrating Advanced Technologies to Improve Threat Detection and Response	2024 5th IEEE Global Conference for Advancement in Technology, GCAT 2024, 2024	October 2024	ISBN 979-835037668-5	Scopus, Google Scholar	DOI 10.1109/GCAT62922.2024.10923991	https://www.scopus.com/record/display.uri?eid=2-s2.0-105002261395&origin=recordpage
26.	Dr.S.Sharan yaa	Deepa R. Sukanya M. Nithya A. Sharanya S. Sowjanya, G.Durga Kausalya S.	Deep Learning and Blockchain are Compared with Edge Computing and the Internet of Things (IoT) with the Goal to Investigate the Possibilities for Integration and Innovation	2024 5th IEEE Global Conference for Advancement in Technology, GCAT 2024, 2024	October 2024	ISBN 979-835037668-5	Scopus, Google Scholar	DOI 10.1109/GCAT62922.2024.10924032	https://www.scopus.com/record/display.uri?eid=2-s2.0-105002250465&origin=recordpage

27.	Dr.S.Sharanyaa	Kenneth, Charles Robert Menaga A. Sharanyaa S. Sukanya M. Pandi, V.Samuthira Mummala, Sailaja	Integrating Artificial Intelligence in the Cloud Computing: Cutting-Edge Methods for Developing Data Analytics and Establishing Business Intelligence	2024 5th IEEE Global Conference for Advancement in Technology, GCAT 2024, 2024	October 2024	ISBN979-835037668-5	Scopus, Google Scholar	DOI10.1109/GCAT.2024.10923919	https://www.scopus.com/record/display.uri?eid=2-s2.0-105002228299&origin=recordpage
28.	Dr.S.Sharanyaa	Priya K. James, Sathish Kumar Babu, A. Aalan Sumalatha A. Sharanyaa S. Prasad S.V.S.	Artificial Intelligence and Machine Learning: Revolutionizing Data-Driven Decisions	2024 5th IEEE Global Conference for Advancement in Technology, GCAT 2024, 2024	Code 207740 October 2024	ISBN979-835037668-5	Scopus, Google Scholar	DOI10.1109/GCAT.2024.10924120	https://www.scopus.com/record/display.uri?eid=2-s2.0-105002212880&origin=recordpage