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# VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade  
NBA Accreditation for CE, EEE, ME, ECE, CSE, EIE, IT B.Tech. Programmes Approved  
by AICTE, New Delhi, Affiliated to JNTUH, NIRF 109 Rank in Engineering Category  
Recognized as "College with Potential for Excellence" by UGC  
VignanaJyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.  
Telephone No: 040-2304 2758/59/60, Fax: 040-23042761  
E-mail: [postbox@vnrvjiet.ac.in](mailto:postbox@vnrvjiet.ac.in), Website: [www.vnrvjiet.ac.in](http://www.vnrvjiet.ac.in)



## 5<sup>th</sup> International Conference on Advances in Computer Engineering and Communication Systems - ICACECS-2024

8<sup>th</sup> & 9<sup>th</sup> August 2024

Department of Computer Science & Engineering  
PROGRAM SCHEDULE

8 <sup>th</sup> Aug 2024	Presentations Track-3: Session-1 @ Block Chain Technology, Cyber Security, Quantum Computing, Cloud Computing	TIME
PID	(Faculty I/c: Mr.I Ravindra Kumar <a href="mailto:ravindrakumar_i@vnrvjiet.in">ravindrakumar_i@vnrvjiet.in</a> , 9010090209)	
928	Automated Android Malware Detection Using Ensemble Learning Approach for Cybersecurity Ensemble Learning Approach for Cybersecurity	1:45 PM to 2:00PM
787	DDOS Attack Detection and Prevention with Local Monitoring Attack Detection (Lm-Ad) Scheme under SDN Context in Cloud Computing	2:00PM to 2:15PM
819	Cloudburst Prediction System	2:15PM to 2:30PM
829	A Novel Approach to Trust Management in WSNs with Logistic Functions and Bayesian Inference: The PEDEL-Net Model	2:30PM to 2:45PM
192	Prevention of Sql Injection Attacks Using LightGBM	2:45PM to 3:00PM
896	Hexagonal Shaped HMSIW based Slot Antenna for sub-6GHz Applications	3:00PM to 3:15PM
650	Functional architecture for information exchange in scalable quantum computing	3:15PM to 3:30PM
831	Dynamic Adaptability in Symbol Detection for OFDM Systems Using DeepGraph-Net	3:30PM to 3:45PM



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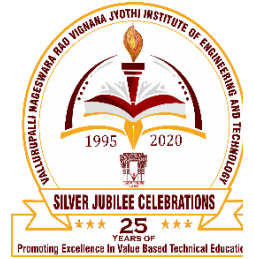
8th Aug 2024	Presentations Track-2: Session-1 @ Networks & Communications, Smart Systems and IoT	TIME
PID	(Faculty I/c: Mrs. A. Madhavi, <a href="mailto:madhavi_a@vnrvjiet.in">madhavi_a@vnrvjiet.in</a> , 9885077520)	
782	Application of Latest IoT Techniques for Crop Yield and Moisture Prediction in Smart Farming	1:45 PM to 2:00PM
95	A Comprehensive Analysis of Enhancing Security and Privacy Measures for IoT Devices	2:00PM to 2:15PM
677	Mall room driven by Sensor Occupancy detection using Random Forest Algorithm	2:15PM to 2:30PM
817	Smart and Effective Real time Management of Street parking	2:30PM to 2:45PM
807	An IoT based therapeutic bubble tube (IoT-BT): A reconfigurable sensory equipment for children with autism	2:45PM to 3:00PM
949	IOT-Based Smart Door Lock System with Face Recognition and Password Integration	3:00PM to 3:15PM
833	Radio Frequency based Drone Identification Model	3:15PM to 3:30PM
911	“Algorithmic Insights for predicting Application mapping & its analysis in Real time Network on chip environments”	3:30PM to 3:45PM
623	Inclusive Healthcare Journey: Virtual Communication for Hearing-Impaired Patients in Telugu States Using Gestures	3:45PM to 4:00PM



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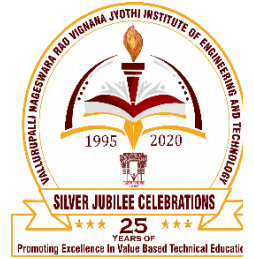
8 <sup>th</sup> Aug 2024	<b>Presentations Track-1: Session-3 @Generative AI, Machine Learning, Deep Learning, Image Processing</b>	TIME
PID	(Faculty I/c: Mrs. K Jhansi Lakshmi, <a href="mailto:jhansi_cse@vnrvjiet.in">jhansi_cse@vnrvjiet.in</a> , 9966697606)	
818	Image Classification Using MobileNetV3 Model	1:45 PM to 2:00PM
794	Image processing using Machine Learning Algorithms for identifying various medicinal plants/raw materials.	2:00PM to 2:15PM
815	YOLOv8 Integrated with OpenCV: Vehicle Detection and Counting	2:15PM to 2:30PM
994	Prediction of Lung and Colon Cancer using Bayesian Optimization based Deep Learning Model	2:30PM to 2:45PM
952	Diabetic Retinopathy Detection Augmented with Explainable AI	2:45PM to 3:00PM
980	3D Object Classification on Point Cloud Data	3:00PM to 3:15PM
770	Skin Lesion Classification Through Explainable AI - Leveraging Grad-CAM FOR Interpretability	3:15PM to 3:30PM
893	Enhancing Video Emotion Recognition Through Novel CNN Architectures and Temporal Relation Extraction	3:30PM to 3:45PM



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9 <sup>th</sup> Aug 2024	<b>Presentations Track-1: Session-1 @ Generative AI, Machine Learning, Deep Learning, Image Processing</b>	TIME
PID	(Faculty I/c: Mrs. Kriti, <a href="mailto:kriti_o@vnrvijet.in">kriti_o@vnrvijet.in</a> , 9000918233 )	
733	Assessment of Machine Learning Algorithms for Predicting Employee Attrition	10:45AM to 11:00 AM
790	A Comprehensive Survey of Machine Learning-Based Disease Prediction and Symptom Classification Using Ct Kidney Dataset	11:00AM to 11:15 AM
825	Precision Lung Cancer Classification Using the INAX-Net Model and Multiclass SVM	11:15AM to 11:30 AM
826	Automated Detection of Tomato Leaf Diseases: A Comprehensive Review and Framework Development Using Machine Learning Techniques	11:30AM to 11:45 AM
958	Enhancing Early Depression Detection in Young Adults: A Machine Learning Approach with Novel Emotional Stability Assessment	11:45AM to 12:00 PM
564	Hybrid Entropy and Feature Selection for Sentiment Value of Telugu Data	12:00PM to 12:15 PM
850	Hybrid Approach for Early Detection of Tomato Leaf Disease Using Advanced Machine Learning Algorithms	12:15PM to 12:30 PM
924	Hyper parameter Optimization in Machine Learning and Quantum Machine Learning using ANOVA Framework	12:30PM to 12:45 PM
802	Revolutionizing Polycystic Ovary Syndrome Prevention with Machine Learning	12:45PM to 1.00 PM
922	Early Congestive Heart Failure Identification in New Born Babies for Remote User using Machine Learning	1.00 PM TO 1.15PM
609	A New Dimensionality Reduction Technique for Machine Learning Datasets	1.15 PM TO 1.30PM



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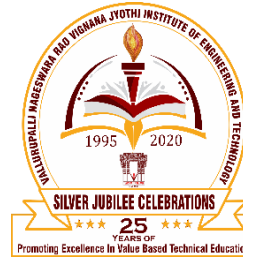
9 <sup>th</sup> Aug 2024	<b>Presentations Track-1: Session-2 @ Generative AI, Machine Learning, Deep Learning, Image Processing</b>	TIME
<b>PID</b>	<b>(Faculty I/c: Mr. V.Vijaya Bhaskar Reddy, <a href="mailto:vijayabhaskarreddy_v@vnrvjiet.in">vijayabhaskarreddy_v@vnrvjiet.in</a>, 8897192696)</b>	
967	Assessing Anaemia Prevalence among women: A Comprehensive Analysis Using Machine Learning Approaches with the NFHS-5 Dataset	10:45AM to 11:00 AM
793	Self-identifying the mental health status and get guidance for support using Machine learning and Data Mining techniques	11:00AM to 11:15 AM
801	A Hybrid Machine Learning Approach to find inversions of Planar Kinematic Chains	11:15AM to 11:30 AM
860	Sign Language Recognition for Telugu Akshara Mala using Transfer Learning	11:30AM to 11:45 AM
742	Discrete Bat based optimization algorithm for multi-document summarization	11:45AM to 12:00 PM
792	Building a custom chatbot for the Educational Domain	12:00PM to 12:15 PM
943	Investigating Marketing Role Evolution in the AI Era through Data Analysis	12:15PM to 12:30 PM
820	Revolutionizing Healthcare: A Smart Approach to Enhance Doctor Availability and Streamline Appointments with Digital Technology and AI Integration	12:30PM to 12:45 PM
822	Journey Craft: A Next-Gen Travel and Tourism Management System	12:45PM to 1.00 PM
827	A Comprehensive Crop Recommendation System Using Environmental Factors and Blended XGSVM Model	1.00 PM TO 1.15PM
710	Slumber Trends: A Deep Dive into Sleep Health and Lifestyle Choices	1.15 PM TO 1.30PM



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9 <sup>th</sup> Aug 2024	<b>Presentations Track-1: Session-4 @ Generative AI, Machine Learning, Deep Learning, Image Processing</b>	TIME
<b>PID</b>	<b>(Faculty I/c: Mrs. N Sarika, <a href="mailto:Sarika_n@vnrvjiet.in">Sarika_n@vnrvjiet.in</a>, 9908630569)</b>	
828	AlexNB-Net: A Novel Hybrid Model for Accurate Classification of Coronary Artery Plaque	10:45AM to 11:00 AM
775	Privacy of Medical Data using Hierarchical Deep Learning Fused Long-Short Term Memory Based Secret Key Generation	11:00AM to 11:15 AM
600	A Deep Learning Approach to American Sign Language Translation	11:15AM to 11:30 AM
963	EfficientNet: Revolutionizing Pneumonia Detection with Deep Learning	11:30AM to 11:45 AM
925	QuMLF: A Quantum-based Framework for Heart Disease Prediction Using QSVC and Genetic Algorithm	11:45AM to 12:00 PM
897	A Novel Approach to Handwritten MODI Script Character Recognition using a Vision Transformer	12:00PM to 12:15 PM
594	Intellectual Natural Language Processing Model with Bag of Words using CNN for Automatic Multiple Choice Questions Generation	12:15PM to 12:30 PM
901	Enhanced E-Learning Community detection using Distributed Overlapping Feature selection based Evolutionary Propagation Recurrent Neural Networks	12:30PM to 12:45 PM
837	Deep Learning in Oncology: A Hybrid Model Approach for Improved Breast Cancer Image Analysis	12:45PM to 1.00 PM
591	Assessment of Deep Learning Techniques for Land Use and Land Cover Classification	1.00PM to 1.15PM