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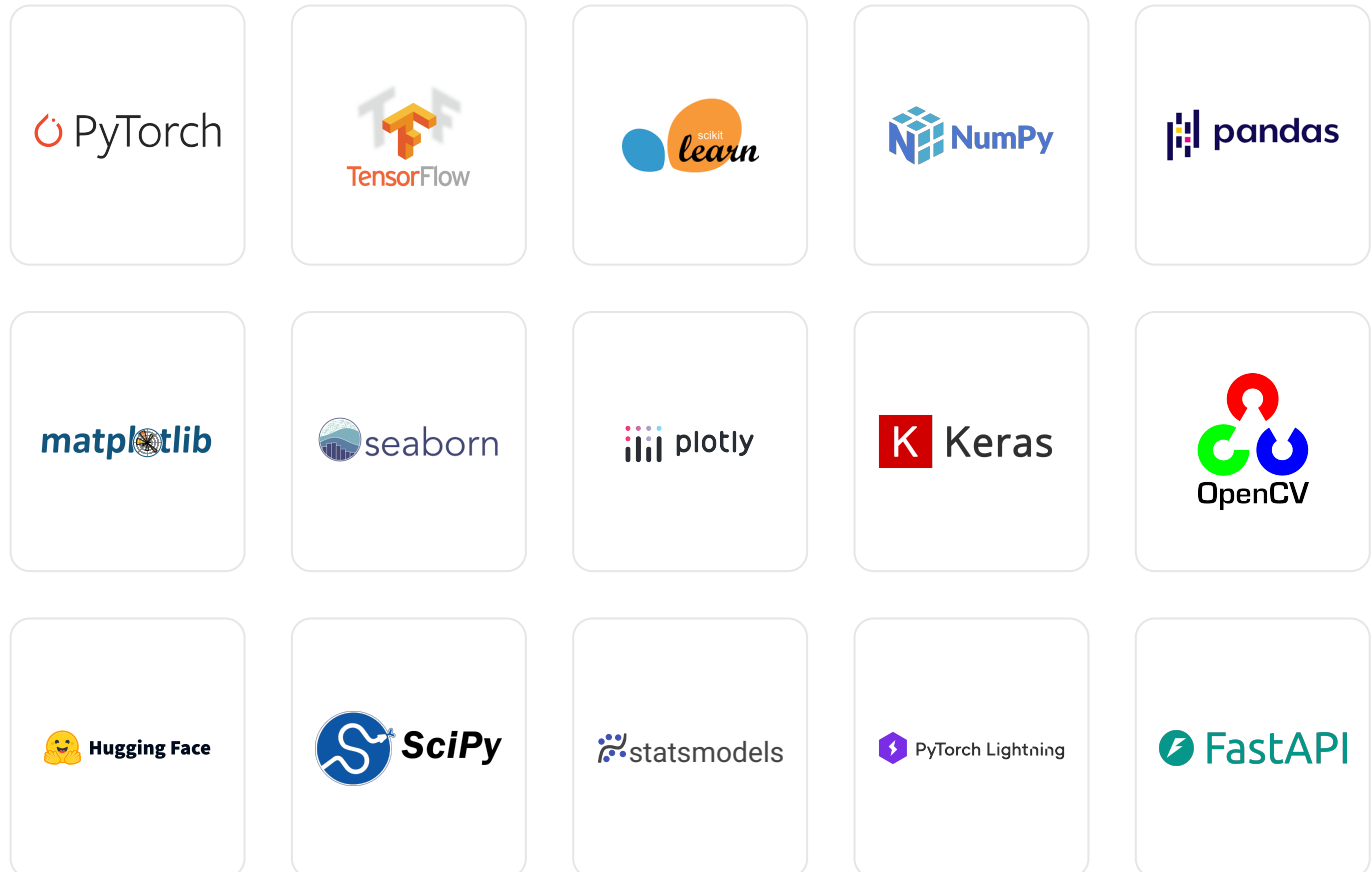
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Technologies, Simulators & Tools We Use

Generative AI, Machine Learning & Deep Learning



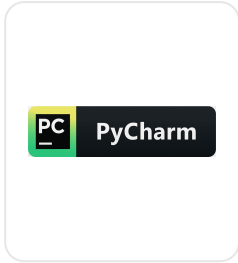
Networking Simulators & Emulators



Cloud & IoT Simulation Tools



IDE & Other Tools



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Explore all IEEE domains and their starting pages in this brochure.

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IEEE Generative AI Domain Project Titles



Have your own project idea?

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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
 Have your own project idea? We'll transform it into a successful real-world IEEE project implementation.				
1	GAI-25-0022	Improving Semantic Parsing and Text Generation Through Multi-Faceted Data Augmentation	12%	Jul-2025
 Text Data  Task: None  CV: None  NLP: Text Generation  Audio: None				
2	GAI-25-0023	Decoding the Mystery: How Can LLMs Turn Text Into Cypher in Complex Knowledge Graphs?	7%	May-2025
 Text Data  Task: Generative Task  CV: None  NLP: Question Answering  Audio: None				
3	GAI-25-0035	Prompt Engineering-Based Network Intrusion Detection System		Nov-2025
 Tabular Data  Task: Classification Task  CV: None  NLP: None  Audio: None				
4	GAI-25-0034	Data Augmentation for Text Classification Using Autoencoders		Sep-2025
 Text Data  Task: Generative Task  CV: None  NLP: Text Generation  Audio: None				
5	GAI-25-0033	Synthetic Attack Dataset Generation With ID2T for AI-Based Intrusion Detection in Industrial V2I Network		Sep-2025
 Tabular Data  Task: Generative Task  CV: None  NLP: None  Audio: None				
6	GAI-25-0024	Prompt Driven Multimodal Large Language Models for Concrete Defect Identification		Sep-2025
 Image Data  Task: None  CV: Object Detection  NLP: None  Audio: None				
7	GAI-25-0021	Synthetic Data Generation Using Large Language Models: Advances in Text and Code		Jul-2025
 Text Data  Task: Generative Task  CV: None  NLP: Text Generation  Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
8	GAI-25-0027	Driving Mechanisms of User Engagement With AI-Generated Content on Social Media Platforms: A Multimethod Analysis Combining LDA and fsQCA		Jul-2025
Text Data Task: Generative Task CV: None NLP: Topic Modeling Audio: None				
9	GAI-25-0026	LegalBot-EC: An LLM-Based Chatbot for Legal Assistance in Ecuadorian Law		Jun-2025
Text Data Task: None CV: None NLP: Dialogue Systems Audio: None				
10	GAI-25-0031	Unsupervised Context-Linking Retriever for Question Answering on Long Narrative Books		Jun-2025
Text Data Task: None CV: None NLP: Question Answering Audio: None				
11	GAI-25-0028	The Effectiveness of Large Language Models in Transforming Unstructured Text to Standardized Formats		May-2025
Text Data Task: Generative Task CV: None NLP: None Audio: None				
12	GAI-25-0030	Multi-Scale Attentional Style Transfer Model With Imbalanced Contrastive Loss		Apr-2025
Image Data Task: Generative Task CV: Style Transfer NLP: None Audio: None				
13	GAI-25-0029	Enhancing LLM Reasoning Capabilities Through Brokered Multi-Expert Reflection		Apr-2025
Text Data Task: Generative Task CV: None NLP: Question Answering Audio: None				
14	GAI-25-0032	Prefix Tuning Using Residual Reparameterization		Mar-2025
Text Data Task: Generative Task CV: None NLP: Text Generation Audio: None				
15	GAI-25-0025	From Queries to Courses: SKYRAG's Revolution in Learning Path Generation via Keyword-Based Document Retrieval		Jan-2025
Text Data Task: Generative Task CV: None NLP: Text Generation Audio: None				
16	GAI-25-0014	Legal AI for All: Reducing Perplexity and Boosting Accuracy in Normative Texts With Fine-Tuned LLMs and RAG		Oct-2025
Text Data Task: Generative Task CV: None NLP: Question Answering Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
17	GAI-25-0016	Deep Learning-Driven Craft Design: Integrating AI Into Traditional Handicraft Creation		Sep-2025
Image Data Task: Generative Task CV: Visual Content Synthesis NLP: None Audio: None				
18	GAI-25-0013	A Dual-Stage Framework for Behavior-Enhanced Automated Code Generation in Industrial-Scale Meta-Models		Sep-2025
Text Data Task: Generative Task CV: None NLP: None Audio: None				
19	GAI-25-0007	Zero-Shot Knowledge-Based Visual Question Answering with Frozen Language Models		Sep-2025
Multi Modal Data Task: Generative Task CV: None NLP: Question Answering Audio: None				
20	GAI-25-0009	From Timed Automata to Go: Formally Verified Code Generation and Runtime Monitoring for Cyber-Physical Systems		Sep-2025
Text Data Task: Generative Task CV: None NLP: None Audio: None				
21	GAI-25-0006	G-SQL: A Schema-Aware and Rule-Guided Approach for Robust Natural Language to SQL Translation		Sep-2025
Text Data Task: None CV: None NLP: Translation Audio: None				
22	GAI-25-0017	Topological Alternatives for Precision and Recall in Generative Models		Aug-2025
Multi Modal Data Task: Generative Task CV: None NLP: None Audio: None				
23	GAI-25-0019	Research on Polyphonic Music Generation Algorithm Based on GPT Large Model		Jul-2025
Audio Data Task: Generative Task CV: None NLP: None Audio: Music Generation				
24	GAI-25-0011	A Novel Spectral-Spatial Attention Network for Zero-Shot Pansharpening		Jul-2025
Image Data Task: Generative Task CV: Image Super-Resolution NLP: None Audio: None				
25	GAI-25-0018	MetaIndux-TS: Frequency-Aware AIGC Foundation Model for Industrial Time Series		Jun-2025
Tabular Data Task: Generative Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
26	GAI-25-0010	When Multimodal Large Language Models Meet Computer Vision: Progressive GPT Fine-Tuning and Stress Testing		Jun-2025
Multi Modal Data Task: Generative Task CV: Image Classification NLP: None Audio: None				
27	GAI-25-0012	Anomaly-Focused Augmentation Method for Industrial Visual Inspection		May-2025
Image Data Task: Generative Task CV: Image Augmentation NLP: None Audio: None				
28	GAI-25-0020	Simulating Nighttime Visible Satellite Imagery of Tropical Cyclones Using Conditional Generative Adversarial Networks		May-2025
Image Data Task: Generative Task CV: Image-to-Image Translation NLP: None Audio: None				
29	GAI-25-0001	Generating Synthetic Malware Samples Using Generative AI		Apr-2025
Image Data Task: Generative Task CV: None NLP: None Audio: None				
30	GAI-25-0002	Generative Diffusion Network for Creating Scents		Mar-2025
Tabular Data Task: Generative Task CV: None NLP: None Audio: None				
31	GAI-25-0003	Fed-DPSDG-WGAN: Differentially Private Synthetic Data Generation for Loan Default Prediction via Federated Wasserstein GAN		Mar-2025
Tabular Data Task: Generative Task CV: None NLP: None Audio: None				
32	GAI-25-0004	Enhancing Tabular Data Generation With Dual-Scale Noise Modeling		Mar-2025
Tabular Data Task: Generative Task CV: None NLP: None Audio: None				
33	GAI-25-0005	Co-Pilot for Project Managers: Developing a PDF-Driven AI Chatbot for Facilitating Project Management		Mar-2025
Text Data Task: Generative Task CV: None NLP: Question Answering Audio: None				
34	GAI-25-0015	Exploring the Integration of Generative AI Tools in Software Testing Education: A Case Study on ChatGPT and Copilot for Preparatory Testing Artifacts in Postgraduate Learning		Feb-2025
Text Data Task: Generative Task CV: None NLP: Text Generation Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
35	GAI-25-0008	Noise-Robust Few-Shot Classification via Variational Adversarial Data Augmentation		Feb-2025
Image Data Task: Generative Task CV: Image Generation NLP: None Audio: None				





IEEE Image Processing Domain Project Titles



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1	IMP-25-0316	Enhanced Lesion Localization and Classification in Ocular Tumor Detection Using Grad-CAM and Transfer Learning	21%	Sep-2025
 Image Data  Task: Classification Task  CV: Image Classification  NLP: None  Audio: None				
2	IMP-25-0315	BorB: A Novel Image Segmentation Technique for Improving Plant Disease Classification With Deep Learning Models	18%	Apr-2025
 Image Data  Task: Classification Task  CV: Image Classification  NLP: None  Audio: None				
3	IMP-25-0319	Graph Wavelet-Based Multiscale Convolutional Network for HSI Classification		Nov-2025
 Image Data  Task: Classification Task  CV: Image Classification  NLP: None  Audio: None				
4	IMP-25-0322	Explainable AI for Brain Tumor Classification Using Cross-Gated Multi-Path Attention Fusion and Gate-Consistency Loss		Nov-2025
 Image Data  Task: Classification Task  CV: Image Classification  NLP: None  Audio: None				
5	IMP-25-0321	Enhancing Kidney Tumor Segmentation in MRI Using Multi-Modal Medical Images With Transformers		Nov-2025
 Image Data  Task: None  CV: Image Segmentation  NLP: None  Audio: None				
6	IMP-25-0320	Centralized Position Embeddings for Vision Transformers		Nov-2025
 Image Data  Task: Classification Task  CV: Image Classification  NLP: None  Audio: None				
7	IMP-25-0318	Speckle Noise Reduction in SAR Images Using Rank Residual Constraint Regularization		Nov-2025
 Image Data  Task: None  CV: Image Denoising  NLP: None  Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
8	IMP-25-0317	HATNet: Hierarchical Attention Transformer With RS-CLIP Patch Tokens for Remote Sensing Image Captioning		Oct-2025
Image Data Task: None CV: Image Captioning NLP: Text Generation Audio: None				
9	IMP-25-0299	Remote Sensing Image Object Detection Algorithm Based on DETR		Oct-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
10	IMP-25-0311	RFTransUNet: Res-Feature Cross Vision Transformer-Based UNet for Building Extraction From High-Resolution Remote Sensing Images		Oct-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
11	IMP-25-0312	Anomaly Detection and Segmentation in Carotid Ultrasound Images Using Hybrid Stable AnoGAN		Sep-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
12	IMP-25-0298	A 3-D Block Stripe Noise Detection and Removal Method Based on Global Search Optimization and Dense Gabor Filters		Aug-2025
Image Data Task: None CV: Image Denoising NLP: None Audio: None				
13	IMP-25-0310	SAFH-Net: A Hybrid Network With Shuffle Attention and Adaptive Feature Fusion for Enhanced Retinal Vessel Segmentation		Aug-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
14	IMP-25-0308	XPolypNet: A U-Net-Based Model for Semantic Segmentation of Gastrointestinal Polyps With Explainable AI		Jul-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
15	IMP-25-0314	Transformer-Guided Serial Knowledge Distillation for High-Precision Anomaly Detection		Jul-2025
Image Data Task: None CV: Visual Anomaly Detection NLP: None Audio: None				
16	IMP-25-0306	Energy-Efficient SAR Coherent Change Detection Based on Deep Multithreshold Spiking-UNet		Jun-2025
Image Data Task: None CV: Change Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
17	IMP-25-0301	Weighted Ensemble Based on Prisoner Dilemma for Facial Expression Recognition		Jun-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
18	IMP-25-0302	Cross Attentive Multi-Cue Fusion for Skeleton-Based Sign Language Recognition		Jun-2025
Video Data Task: Classification Task CV: Video Action Recognition NLP: None Audio: None				
19	IMP-25-0300	Hierarchical Multi-Scale Patch Attention and Global Feature-Adaptive Fusion for Robust Occluded Face Recognition		Jun-2025
Image Data Task: Classification Task CV: Face Recognition NLP: None Audio: None				
20	IMP-25-0307	Hyperspectral Image Classification Based on Two-Branch Feature Fusion Network		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
21	IMP-25-0309	CTCNet: A CNN-Transformer Dual Branch Network for Sand Dune Image Segmentation		Apr-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
22	IMP-25-0304	A Blur-Score-Guided Region Selection Method for Airborne Aircraft Detection in Remote Sensing Images		Apr-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
23	IMP-25-0296	Open-Vocabulary High-Resolution Remote Sensing Image Semantic Segmentation		Apr-2025
Image Data Task: Classification Task CV: Image Segmentation NLP: None Audio: None				
24	IMP-25-0297	Handwritten Amharic Character Recognition Through Transfer Learning: Integrating CNN Models and Machine Learning Classifiers		Mar-2025
Image Data Task: Classification Task CV: Optical Character Recognition (OCR) NLP: None Audio: None				
25	IMP-25-0313	Vision Foundation Model Guided Multimodal Fusion Network for Remote Sensing Semantic Segmentation		Mar-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				





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26	IMP-25-0295	Integrate the Temporal Scheme for Unsupervised Video Summarization via Attention Mechanism		Feb-2025
Video Data Task: None CV: None NLP: Summarization Audio: None				
27	IMP-25-0303	Multiscale Feature Fusion for Salient Object Detection of Strip Steel Surface Defects		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
28	IMP-25-0305	An Improved YOLOv7-Tiny-Based Algorithm for Wafer Surface Defect Detection		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
29	IMP-25-0044	Real-Time Detection of Mixed-Critical Events Using Vision-Language Models		Oct-2025
Multi Modal Data Task: Generative Task CV: Image Captioning NLP: Text Classification Audio: None				
30	IMP-25-0114	A Tile Surface Defect Detection Algorithm Based on Improved YOLO11		Oct-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
31	IMP-25-0276	Automated Classification of User Exercise Poses in Virtual Reality Using Machine Learning-Based Human Pose Estimation		Oct-2025
Image Data Task: None CV: Pose Estimation NLP: None Audio: None				
32	IMP-25-0289	2.5D-UNet-HC: 2.5D-UNet Based on Hybrid Convolution for Prostate Ultrasound Image Segmentation		Oct-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
33	IMP-25-0248	RESRTDETR: Cross-Scale Feature Enhancement Based on Reparameterized Convolution and Channel Modulation		Oct-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
34	IMP-25-0033	MMIDNet: A Multilevel Mutual Information Disentanglement Network for Cross-Domain Infrared Small Target Detection		Oct-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





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35	IMP-25-0157	Transformer-Based DME Classification Using Retinal OCT Images Without Data Augmentation: An Evaluation of ViT-B16 and ViT-B32 With Optimizer Impact		Oct-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
36	IMP-25-0209	Automatic Explainable Segmentation of Abdominal Aortic Aneurysm From Computed Tomography Angiography		Oct-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
37	IMP-25-0115	GA-UNet: Genetic Algorithm-Optimized Lightweight U-Net Architecture for Multi-Sequence Brain Tumor MRI Segmentation		Oct-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
38	IMP-25-0208	Autonomous Road Defects Segmentation Using Transformer-Based Deep Learning Models With Custom Dataset		Oct-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
39	IMP-25-0032	SD-DETR: Space Debris Detection Transformer Based on Dynamic Convolutional Network and Cross-Scale Collaborative Attention		Oct-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
40	IMP-25-0224	Spatial-Temporal Feature Interaction and Multiscale Frequency-Domain Fusion Network for Remote Sensing Change Detection		Oct-2025
Image Data Task: None CV: Change Detection NLP: None Audio: None				
41	IMP-25-0034	Objective Quality Evaluation of Images Affected by Adverse Weather Conditions		Oct-2025
Image Data Task: None CV: Image Dehazing NLP: None Audio: None				
42	IMP-25-0154	Boosting the Performance of Image Restoration Models Through Training With Deep-Feature Auxiliary Guidance		Oct-2025
Image Data Task: None CV: Image Denoising NLP: None Audio: None				
43	IMP-25-0066	DSCP-UNet: A Tunnel Crack Segmentation Algorithm Based on Lightweight Diminutive Size and Colossal Perception		Oct-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
44	IMP-25-0142	CSD: Channel Selection Dropout for Regularization of Convolutional Neural Networks		Oct-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
45	IMP-25-0197	Encouraging Discriminative Attention Through Contrastive Explainability Learning for Lung Cancer Diagnosis		Sep-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
46	IMP-25-0245	ESRVA: Enhanced Super-Resolution and Visual Annotation Model for Object-Level Image Interpretation Using Deep Learning		Sep-2025
Image Data Task: None CV: Image Super-Resolution NLP: None Audio: None				
47	IMP-25-0123	Low-Similarity Client Sampling for Decentralized Federated Learning		Sep-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
48	IMP-25-0149	BWFNet: Bitemporal Wavelet Frequency Network for Change Detection in High-Resolution Remote Sensing Images		Sep-2025
Image Data Task: None CV: Change Detection NLP: None Audio: None				
49	IMP-25-0272	Back and Forward Incremental Learning Through Knowledge Distillation for Object Detection Unmanned Aerial Vehicles		Sep-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
50	IMP-25-0090	STMTNet: Spatio-Temporal Multiscale Triad Network for Cropland Change Detection in Remote Sensing Images		Sep-2025
Image Data Task: None CV: Change Detection NLP: None Audio: None				
51	IMP-25-0143	Innovative Methodology for Determining Basic Wood Density Using Multispectral Images and MAPIR RGNIR Camera		Sep-2025
Image Data Task: Regression Task CV: None NLP: None Audio: None				
52	IMP-25-0128	LSODNet: A Lightweight and Efficient Detector for Small Object Detection in Remote Sensing Images		Sep-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
53	IMP-25-0198	Copper and Aluminum Scrap Detection Model Based on Improved YOLOv11n		Sep-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
54	IMP-25-0291	Analyzing Lane Visibility Distance on Urban and Suburban Roads in Slovakia Under Various Weather Conditions Using a Single Camera		Sep-2025
Image Data Task: None CV: Depth Estimation NLP: None Audio: None				
55	IMP-25-0101	FADet: A Frequency-Aware Detection Framework for Infrared Small Target Detection		Sep-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
56	IMP-25-0012	Application of Drone Images Analysis to Predict the Damage of Streets in HCMC		Sep-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
57	IMP-25-0112	Retinal Fusion Network with Contrastive Learning for Imbalanced Multi-Class Retinal Disease Recognition in FFA		Sep-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
58	IMP-25-0195	Enhancing Coffee Leaf Disease Classification via Active Learning and Diverse Sample Selection		Sep-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
59	IMP-25-0220	Multimodal SAM-Adapter for Semantic Segmentation		Sep-2025
Multi Modal Data Task: None CV: Image Segmentation NLP: None Audio: None				
60	IMP-25-0103	LersGAN: A GAN-Based Model for Low-Light Remote Sensing Image Enhancement		Sep-2025
Image Data Task: None CV: Image Reconstruction NLP: None Audio: None				
61	IMP-25-0250	A Fine-Grained Remote Sensing Classification Approach for Mine Development Land Types Based on the Integration of HRNet and DeepLabV3+		Sep-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
62	IMP-25-0110	Improving Medical X-Ray Imaging Diagnosis With Attention Mechanisms and Robust Transfer Learning Techniques		Sep-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
63	IMP-25-0255	Remote Sensing Image Dehazing Using Content-Driven State Space Modeling With Scale-Aware Aggregation		Sep-2025
Image Data Task: None CV: Image Dehazing NLP: None Audio: None				
64	IMP-25-0152	Multiscale Feature Enhancement for Water Body Segmentation in High-Resolution Remote Sensing Images		Sep-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
65	IMP-25-0094	Prompt-Driven Multitask Learning With Task Tokens for ORSI Salient Object Detection		Sep-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
66	IMP-25-0026	GF-ResFormer: A Hybrid Gabor-Fourier ResNet-Transformer Network for Precise Semantic Segmentation of High-Resolution Remote Sensing Imagery		Sep-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
67	IMP-25-0037	HMSA-Net: A Hierarchical Multi-Scale Attention Network for Brain Tumor Segmentation From Multi-Modal MRI		Sep-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
68	IMP-25-0264	Detection to Framework for Traffic Signs Using a Hybrid Approach		Sep-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
69	IMP-25-0085	High-Accuracy Mapping of Coastal and Wetland Areas Using Multisensor Data Fusion and Deep Feature Learning		Sep-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
70	IMP-25-0120	TANet: A Multi-Representational Attention Approach for Change Detection in Very High-Resolution Remote Sensing Imagery		Sep-2025
Image Data Task: None CV: Change Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
71	IMP-25-0266	Adaptive Fusion of LiDAR and Camera Data for Enhanced Precision in 3D Object Detection for Autonomous Driving		Sep-2025
Multi Modal Data Task: None CV: Object Detection NLP: None Audio: None				
72	IMP-25-0124	Gradient-Aware Directional Convolution With Kolmogorov Arnold Network-Enhanced Feature Fusion for Road Extraction		Sep-2025
Image Data Task: Classification Task CV: Image Segmentation NLP: None Audio: None				
73	IMP-25-0251	Supervised Spatially Spectrally Coherent Local Linear Embedding–Wasserstein Graph Convolutional Network for Hyperspectral Image Classification		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
74	IMP-25-0151	Global Saturation-Value Translation Approach for Haze Removal in Urban Aerial Imagery		Aug-2025
Image Data Task: None CV: Image Dehazing NLP: None Audio: None				
75	IMP-25-0013	A Classifier Adaptation and Adversarial Learning Joint Framework for Cross-Scene Coastal Wetland Mapping on Hyperspectral Imagery		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
76	IMP-25-0241	Enhancing Worker Safety at Heights: A Deep Learning Model for Detecting Helmets and Harnesses Using DETR Architecture		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
77	IMP-25-0051	RCM: A Novel Fire Detection Technique That Effectively Resists Interference in Complex Scenarios		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
78	IMP-25-0122	Design of a CNN–Swin Transformer Model for Alzheimer’s Disease Prediction Using MRI Images		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
79	IMP-25-0286	Mitigating the Bias in the Model for Continual Test-Time Adaptation		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
80	IMP-25-0018	An Improved Method for Zero-Shot Semantic Segmentation		Aug-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
81	IMP-25-0073	PPDM-YOLO: A Lightweight Algorithm for SAR Ship Image Target Detection in Complex Environments		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
82	IMP-25-0138	YOLOv8n-GSE: Efficient Steel Surface Defect Detection Method		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
83	IMP-25-0239	The Spatio-Temporal Weighted Adjustment Network for Remote Sensing Image Change Detection		Aug-2025
Image Data Task: None CV: Change Detection NLP: None Audio: None				
84	IMP-25-0093	JDAWSL: Joint Domain Adaptation With Weight Self-Learning for Hyperspectral Few-Shot Classification		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
85	IMP-25-0052	FreqSpaceNet: Integrating Frequency and Spatial Domains for Remote Sensing Image Segmentation		Aug-2025
Image Data Task: Classification Task CV: Image Segmentation NLP: None Audio: None				
86	IMP-25-0102	Enhancing Industrial PCB and PCBA Defect Detection: An Efficient and Accurate SEConv-YOLO Approach		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
87	IMP-25-0214	Efficient Object Detection in Large-Scale Remote Sensing Images via Situation-Aware Model		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
88	IMP-25-0078	Vehicle Target Detection Model Based on CBAM-BiFPN and Improved CenterNet Coding		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
89	IMP-25-0183	WU-Net: An Automatic and Lightweight Deep Learning Method for Water Body Extraction of Multispectral Remote Sensing Images		Aug-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
90	IMP-25-0194	ICDRF: Indian Coin Denomination Recognition Framework		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
91	IMP-25-0155	Two-Stage Neural Network Pipeline for Kidney and Tumor Segmentation		Aug-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
92	IMP-25-0193	Weighted Feature Fusion Network Based on Large Kernel Convolution and Transformer for Multi-Modal Remote Sensing Image Segmentation		Aug-2025
Multi Modal Data Task: None CV: Image Segmentation NLP: None Audio: None				
93	IMP-25-0178	A DNA-Level Convolutional Neural Network Based on Strand Displacement Reaction for Image Recognition		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
94	IMP-25-0236	ATT-CR: Adaptive Triangular Transformer for Cloud Removal		Aug-2025
Image Data Task: None CV: Image Reconstruction NLP: None Audio: None				
95	IMP-25-0040	Enhancing Long-Duration Multi-Person Tracking in Hospitality Settings Through Random-Skip Sub-Track Correction		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
96	IMP-25-0009	Improving Token-Based Object Detection With Video		Aug-2025
Video Data Task: None CV: Object Detection NLP: None Audio: None				
97	IMP-25-0139	An Efficient Topology Construction Scheme Designed for Graph Neural Networks in Hyperspectral Image Classification		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
98	IMP-25-0145	Toward Sustainable Agriculture: DPA-UNet for Semantic Segmentation of Landscapes Using Remote Sensing Imagery		Aug-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
99	IMP-25-0131	A Spatio-Temporal Attention Network With Multiframe Information for Infrared Small Target Detection		Aug-2025
Video Data Task: None CV: Object Detection NLP: None Audio: None				
100	IMP-25-0011	Squeeze-SwinFormer: Spectral Squeeze and Excitation Swin Transformer Network for Hyperspectral Image Classification		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
101	IMP-25-0063	LoFi: Neural Local Fields for Scalable Image Reconstruction		Aug-2025
Image Data Task: None CV: Image Reconstruction NLP: None Audio: None				
102	IMP-25-0088	Self Attention GAN and SWIN Transformer-Based Pothole Detection With Trust Region-Based LSM and Hough Line Transform for 2D to 3D Conversion		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
103	IMP-25-0068	Neurological Disorder Recognition via Comprehensive Feature Fusion by Integrating Deep Learning and Texture Analysis		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
104	IMP-25-0106	LRFL-YOLO: A Large Receptive Field and Lightweight Model for Small Object Detection		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
105	IMP-25-0006	Learning With Partial-Label and Unlabeled Data: Contrastive With Negative Example Separation		Jul-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
106	IMP-25-0232	Using Variational Autoencoders for Out of Distribution Detection in Histological Multiple Instance Learning		Jul-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
107	IMP-25-0262	Mapping Spatio-Temporal Dynamics of Offshore Targets Using SAR Images and Deep Learning		Jul-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
108	IMP-25-0045	High Quality Dynamic Occlusion Computational Ghost Imaging Guided Through Conditional Diffusion Model		Jul-2025
Image Data Task: None CV: Image Reconstruction NLP: None Audio: None				
109	IMP-25-0043	YOLOv5-MDS: Target Detection Model for PCB Defect Inspection Based on YOLOv5 Integrated With Mamba Architecture		Jul-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
110	IMP-25-0097	Data Quality Analyses for Automatic Aerial Thermography Inspection of PV Power Plants		Jul-2025
Image Data Task: None CV: Visual Anomaly Detection NLP: None Audio: None				
111	IMP-25-0031	Autism spectrum disorder detection using parallel DCNN with improved teaching learning optimization feature selection scheme		Jul-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
112	IMP-25-0203	Highlight Removal From Wireless Capsule Endoscopy Images		Jul-2025
Image Data Task: None CV: Image Inpainting NLP: None Audio: None				
113	IMP-25-0140	Brain-Shapelet: A Framework for Capturing Instantaneous Abnormalities in Brain Activity for Autism Spectrum Disorder Diagnosis		Jul-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
114	IMP-25-0036	SN360: Semantic and Surface Normal Cascaded Multi-Task 360 Monocular Depth Estimation		Jul-2025
Image Data Task: None CV: Depth Estimation NLP: None Audio: None				
115	IMP-25-0048	DADSR: Degradation-Aware Diffusion Super-Resolution Model for Object-Level SAR Image		Jul-2025
Image Data Task: None CV: Image Super-Resolution NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
116	IMP-25-0163	An Automated Method Inspired by Taxonomic Classification for Distinguishing Chilean Pelagic Fish Species		Jul-2025
Image Data Task: None CV: Keypoint Detection NLP: None Audio: None				
117	IMP-25-0105	Depth Inversion Using SAR and Super-Resolution Enhancement: A Case Study on Case II Waters		Jul-2025
Image Data Task: None CV: Image Super-Resolution NLP: None Audio: None				
118	IMP-25-0271	Attention-Based Dual-Knowledge Distillation for Alzheimer's Disease Stage Detection Using MRI Scans		Jul-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
119	IMP-25-0225	Frequency Spectrum Adaptor for Remote Sensing Image-Text Retrieval		Jul-2025
Image Data Task: None CV: Image Retrieval NLP: None Audio: None				
120	IMP-25-0166	SPOT: An Active Learning Algorithm for Efficient Deep Neural Network Training		Jul-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
121	IMP-25-0170	A Temporal-Spatial-Spectral Fusion Framework for Coastal Wetland Mapping on Time-Series Remote Sensing Imagery		Jul-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
122	IMP-25-0164	SuperCoT-X: Masked Hyperspectral Image Modeling With Diverse Superpixel-Level Contrastive Tokenizer		Jul-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
123	IMP-25-0023	Spatio-Spectral Structure Tensor Total Variation for Hyperspectral Image Denoising and Destriping		Jul-2025
Image Data Task: None CV: Image Denoising NLP: None Audio: None				
124	IMP-25-0175	DB-Net: A Dual-Branch Hybrid Network for Stroke Lesion Segmentation on Non-Contrast CT Images		Jul-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
125	IMP-25-0168	RFHS-RTDETR: Multi-Domain Collaborative Network With Hierarchical Feature Integration for UAV-Based Object Detection		Jul-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
126	IMP-25-0099	LS-YOLO: A Lightweight, Real-Time YOLO-Based Target Detection Algorithm for Autonomous Driving Under Adverse Environmental Conditions		Jul-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
127	IMP-25-0021	PAdaptCD: Progressive Adaptive Thresholding and Bitemporal Image Augmentation for Semisupervised Change Detection		Jul-2025
Image Data Task: None CV: Change Detection NLP: None Audio: None				
128	IMP-25-0134	DAM-Net: Domain Adaptation Network With Microlabeled Fine-Tuning for Change Detection		Jul-2025
Image Data Task: None CV: Change Detection NLP: None Audio: None				
129	IMP-25-0019	HyCoViT: Hybrid Convolution Vision Transformer With Dynamic Dropout for Enhanced Medical Chest X-Ray Classification		Jun-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
130	IMP-25-0235	Multisensor Remote Sensing and Advanced Image Processing for Integrated Assessment of Geological Structure and Environmental Dynamics		Jun-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
131	IMP-25-0077	Fine-Scale Small Water Body Uncovered by GF-2 Remote Sensing and Multifeature Deep Learning Model		Jun-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
132	IMP-25-0129	DFC-Net: Dual-Branch Collaborative Feature Enhancement for Cloud Detection in Remote Sensing Images		Jun-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
133	IMP-25-0001	FR-CapsNet: Enhancing Low-Resolution Image Classification via Frequency Routed Capsules		Jun-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
134	IMP-25-0160	Hyperspectral Pansharpener Enhanced With Multi-Image Super-Resolution for PRISMA Data		Jun-2025
Image Data Task: None CV: Image Super-Resolution NLP: None Audio: None				
135	IMP-25-0049	Enhancing Hyperspectral Images Compressive Sensing Reconstruction With Smooth Low-Rankness Joint Gradient Sparsity		Jun-2025
Image Data Task: None CV: Image Reconstruction NLP: None Audio: None				
136	IMP-25-0003	Enhancing Water Bodies Detection in the Highland and Coastal Zones Through Multisensor Spectral Data Fusion and Deep Learning		Jun-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
137	IMP-25-0282	Novel Efficient Steel Surface Defect Detection Model Based on ConvNeXt v2 and Squeeze Aggregated Excitation Attention		Jun-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
138	IMP-25-0227	CSCP-YOLO: A Lightweight and Efficient Algorithm for Real-Time Steel Surface Defect Detection		Jun-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
139	IMP-25-0200	Radio Frequency Sensing-Based Human Emotion Identification by Leveraging 2D Transformation Techniques and Deep Learning Models		Jun-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
140	IMP-25-0136	Multi-Scale Information Interaction and Feature Pyramid Network for Salient Object Detection		Jun-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
141	IMP-25-0158	An Improved Fault Diagnosis Strategy for Induction Motors Using Weighted Probability Ensemble Deep Learning		Jun-2025
Image Data Task: Classification Task CV: Visual Anomaly Detection NLP: None Audio: None				
142	IMP-25-0074	TMAR: 3-D Transformer Network via Masked Autoencoder Regularization for Hyperspectral Sharpening		Jun-2025
Image Data Task: None CV: Image Super-Resolution NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
143	IMP-25-0206	Consistency Preserved Nonuniform Scattering Removal for Wide-Swath Remote Sensing Images		Jun-2025
Image Data Task: None CV: Image Dehazing NLP: None Audio: None				
144	IMP-25-0017	Transfer Learning Between Sentinel-1 Acquisition Modes Enhances the Few-Shot Segmentation of Natural Oil Slicks in the Arctic		Jun-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
145	IMP-25-0204	Attention-Enhanced CNN for High-Performance Deepfake Detection: A Multi-Dataset Study		Jun-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
146	IMP-25-0283	Descriptor: Manually Annotated CT Dataset of Lung Lobes in COVID-19 and Cancer Patients (LOCCA)		Jun-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
147	IMP-25-0268	FUSCANet: Enhancing Skin Disease Classification Through Feature Fusion and Spatial-Channel Attention Mechanisms		Jun-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
148	IMP-25-0027	Learning Frequency-Aware Spatial Attention by Reconstructing Images With Different Frequency Responses		Jun-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
149	IMP-25-0016	Evaluation of Post Hoc Uncertainty Quantification Approaches for Flood Detection From SAR Imagery		Jun-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
150	IMP-25-0260	PlantHealthNet: Transformer-Enhanced Hybrid Models for Disease Diagnosis and Severity Estimation in Agriculture		Jun-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
151	IMP-25-0087	Multisensor Fusion and Deep Learning Approaches for Semantic Segmentation of Glacial Lakes: A Comparative Study for Coastal Hydrology Applications		Jun-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
152	IMP-25-0275	A Fusion Strategy for High-Accuracy Multilayer Soil Moisture Downscaling and Mapping		Jun-2025
Image Data Task: Regression Task CV: None NLP: None Audio: None				
153	IMP-25-0089	Explainable Artificial Intelligence in Malignant Lymphoma Classification: Optimized DenseNet121 Deep Learning Approach With Particle Swarm Optimization and Genetic Algorithm		Jun-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
154	IMP-25-0028	Global Structural Knowledge Distillation for Semantic Segmentation		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
155	IMP-25-0060	Improved YOLOv5-Based Radar Object Detection		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
156	IMP-25-0072	Selective Intensity Ensemble Classifier (SIEC): A Triple-Threshold Strategy for Microscopic Malaria Cell Image Classification		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
157	IMP-25-0046	MMTraP: Multi-Sensor Multi-Agent Trajectory Prediction in BEV		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
158	IMP-25-0030	A Hybrid Deep Learning Framework for Early-Stage Alzheimer's Disease Classification From Neuro-Imaging Biomarkers		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
159	IMP-25-0071	HistoDX: Revolutionizing Breast Cancer Diagnosis Through Advanced Imaging Techniques		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
160	IMP-25-0070	Lightweight and Accurate YOLOv7-Based Ensembles With Knowledge Distillation for Urinary Sediment Detection		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
161	IMP-25-0242	Deformable Feature Fusion and Accurate Anchors Prediction for Lightweight SAR Ship Detector Based on Dynamic Hierarchical Model Pruning		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
162	IMP-25-0111	Computationally Enhanced UAV-Based Real-Time Pothole Detection Using YOLOv7-C3ECA-DSA Algorithm		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
163	IMP-25-0080	Advanced Leaf Classification Using Multi-Layer Perceptron for Smart Crop Management		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
164	IMP-25-0210	Cancer Cell Classification From Peripheral Blood Smear Data Using the YOLOv8 Architecture		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
165	IMP-25-0022	Row-Column Decoupled Loss: A Probability-Based Geometric Similarity Framework for Aerial Micro-Target Detection		May-2025
Image Data Task: Classification Task CV: Object Detection NLP: None Audio: None				
166	IMP-25-0238	The Application of Kalman Filter Algorithm in Rail Transit Signal Safety Detection		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
167	IMP-25-0180	Estimation of Forest Aboveground Biomass Using Multitemporal Quad-Polarimetric PALSAR-2 SAR Data by Model-Free Decomposition Approach in Planted Forest		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
168	IMP-25-0191	Enhancing Food Security With High-Quality Land-Use and Land-Cover Maps: A Local Model Approach		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
169	IMP-25-0218	DeepSeqCoco: A Robust Mobile Friendly Deep Learning Model for Detection of Diseases in Cocos Nucifera		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
170	IMP-25-0217	MEIS-YOLO: Improving YOLOv11 for Efficient Aerial Object Detection with Lightweight Design		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
171	IMP-25-0064	BD-WNet: Boundary Decoupling-Based W-Shape Network for Road Segmentation in Optical Remote Sensing Imagery		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
172	IMP-25-0233	Enhancing Fabric Defect Detection With Attention Mechanisms and Optimized YOLOv8 Framework		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
173	IMP-25-0226	Density-Aware DETR With Dynamic Query for End-to-End Tiny Object Detection		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
174	IMP-25-0002	R-YOLO: Enhancing Takeoff/Landing Safety in UAM Vertiports With Deep Learning Model		May-2025
None Task: None CV: Object Detection NLP: None Audio: None				
175	IMP-25-0084	A Novel Context-Aware Feature Pyramid Networks With Kolmogorov-Arnold Modeling and XAI Framework for Robust Lung Cancer Detection		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
176	IMP-25-0213	Self- and Cross-Attention Enhanced Transformer for Visible and Thermal Infrared Hyperspectral Image Classification		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
177	IMP-25-0075	ITT: Long-Range Spatial Dependencies for Sea Ice Semantic Segmentation		May-2025
Image Data Task: Classification Task CV: Image Segmentation NLP: None Audio: None				
178	IMP-25-0290	A Novel Hybrid Architecture With Fast Lightweight Encoder and Transformer Under Attention Fusion for the Enhancement of Sand Dust and Haze Image Restoration		May-2025
Image Data Task: None CV: Image Dehazing NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
179	IMP-25-0205	An Integrated Sample-Free Method for Agricultural Field Delineation From High-Resolution Remote Sensing Imagery		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
180	IMP-25-0167	Assessing the Detection Capabilities of RGB and Infrared Models for Robust Occluded and Unoccluded Pedestrian Detection		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
181	IMP-25-0086	A Hierarchical Feature Fusion and Dynamic Collaboration Framework for Robust Small Target Detection		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
182	IMP-25-0041	Defect Detection Algorithm for Electrical Substation Equipment Based on Improved YOLOv10n		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
183	IMP-25-0061	Emotion-Based Music Recommendation System Integrating Facial Expression Recognition and Lyrics Sentiment Analysis		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
184	IMP-25-0119	Fused YOLO and Traditional Features for Emotion Recognition From Facial Images of Tamil and Russian Speaking Children: A Cross-Cultural Study		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
185	IMP-25-0259	Osteosarcoma CT Image Segmentation Based on OSCA-TransUnet Model		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
186	IMP-25-0199	Corrections to "Research on Underwater Small Target Detection Technology Based on Single-Stage USSTD-YOLOv8n"		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
187	IMP-25-0117	MultiSHTM: Multi-Level Attention Enabled Bi-Directional Model for the Summarization of Chart Images		May-2025
Image Data Task: None CV: Image Captioning NLP: Summarization Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
188	IMP-25-0107	Improved YOLOv8 Algorithm was Used to Segment Cucumber Seedlings Under Complex Artificial Light Conditions		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
189	IMP-25-0156	TuSegNet: A Transformer-Based and Attention-Enhanced Architecture for Brain Tumor Segmentation		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
190	IMP-25-0007	An Efficient Encoding Spectral Information in Hyperspectral Images for Transfer Learning of Mask R-CNN for Instance Segmentation of Tomato Sepals		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
191	IMP-25-0273	Dam Crack Instance Segmentation Algorithm Based on Improved YOLOv8		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
192	IMP-25-0113	M ² Convformer: Multiscale Masked Hybrid Convolution-Transformer Network for Hyperspectral Image Super-Resolution		May-2025
Image Data Task: None CV: Image Super-Resolution NLP: None Audio: None				
193	IMP-25-0252	Regularization for Deep Imbalanced Regression Based on Quantitative Relationship		May-2025
Image Data Task: Regression Task CV: Depth Estimation NLP: None Audio: None				
194	IMP-25-0137	High-Performance Lung Disease Identification and Explanation Using a ReciproCAM-Enhanced Lightweight Convolutional Neural Network		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
195	IMP-25-0042	A Weighted Low-Rank and Sparse Constraint-Based Multichannel Radar Forward-Looking Imaging Method		May-2025
Image Data Task: None CV: Image Super-Resolution NLP: None Audio: None				
196	IMP-25-0234	Contextual Tomographic SAR Denoising Approach for Estimating Scatterers' Height and Deformation Velocity		May-2025
Image Data Task: None CV: Image Denoising NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
197	IMP-25-0269	Statistical Performance Evaluation of the Deep Learning Architectures Over Body Fluid Cytology Images		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
198	IMP-25-0281	Enhancing Bounding Box Regression for Object Detection: Dimensional Angle Precision IoU-Loss		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
199	IMP-25-0126	MuFF-Net: A Domain-Aware Multiscale Feature Fusion Network for Breast Ultrasound Image Segmentation With Radiomic Applications		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
200	IMP-25-0014	Hybrid Dual-Input Model for Respiratory Sound Classification With Mel Spectrogram and Waveform		May-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Audio Classification				
201	IMP-25-0082	Real-Time Object Detection Using Low-Resolution Thermal Camera for Smart Ventilation Systems		May-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
202	IMP-25-0244	A Two-Stage U-Net Framework for Interactive Segmentation of Lung Nodules in CT Scans		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
203	IMP-25-0050	Sign Language Recognition—Dataset Cleaning for Robust Word Classification in a Landmark-Based Approach		May-2025
Video Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
204	IMP-25-0177	A Computer Vision and Point Cloud-Based Monitoring Approach for Automated Construction Tasks Using Full-Scale Robotized Mobile Cranes		Apr-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
205	IMP-25-0293	A Dual-Purpose Microwave-Optical Component for Wireless Capsule Endoscopy: A Feasibility Study by Radio Link Analysis		Apr-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
206	IMP-25-0132	CASSNet: Cross-Attention Enhanced Spectral–Spatial Interaction Network for Hyperspectral Image Super-Resolution		Apr-2025
Image Data Task: None CV: Image Super-Resolution NLP: None Audio: None				
207	IMP-25-0148	Graph-Aware Multimodal Deep Learning for Classification of Diabetic Retinopathy Images		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
208	IMP-25-0190	Peduncle Detection of Ripe Strawberry to Localize Picking Point Using DF-Mask R-CNN and Monocular Depth		Apr-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
209	IMP-25-0065	kLCRNet: Fast Road Network Extraction via Keypoint-Driven Local Connectivity Exploration		Apr-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
210	IMP-25-0076	Benchmarking Deep Learning for Wetland Mapping in Denmark Using Remote Sensing Data		Apr-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
211	IMP-25-0062	NetraAadhaar: A Deep Learning-Driven Aadhaar Verification Platform for the Aid of Visually Impaired		Apr-2025
Image Data Task: None CV: Optical Character Recognition (OCR) NLP: None Audio: Text-to-Speech				
212	IMP-25-0237	Swin Transformer and Momentum Contrast (MoCo) in Leukemia Diagnostics: A New Paradigm in AI-Driven Blood Cell Cancer Classification		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
213	IMP-25-0059	iYOLOV7-TPE-SS: Leveraging Improved YOLO Model With Multilevel Hyperparameter Optimization for Road Damage Detection on Edge Devices		Apr-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
214	IMP-25-0277	Retinal Image Analysis for Heart Disease Risk Prediction: A Deep Learning Approach		Apr-2025
Image Data Task: Classification Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
215	IMP-25-0055	Spectral-Spatial Collaborative Pretraining Framework With Multiconstraint Cooperation for Hyperspectral–Multispectral Image Fusion		Apr-2025
Image Data Task: None CV: Image Super-Resolution NLP: None Audio: None				
216	IMP-25-0215	Intraoperative Surgical Navigation and Instrument Localization Using a Supervised Learning Transformer Network		Apr-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
217	IMP-25-0069	Content-Based Image Retrieval for Multi-Class Volumetric Radiology Images: A Benchmark Study		Apr-2025
Image Data Task: None CV: Image Retrieval NLP: None Audio: None				
218	IMP-25-0229	An Automated Framework of Superpixels-Saliency Map and Gated Recurrent Unit Deep Convolutional Neural Network for Land Cover and Crops Disease Classification		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
219	IMP-25-0169	A Two-Stream Deep Learning Framework for Robust Coral Reef Health Classification: Insights and Interpretability		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
220	IMP-25-0067	A Super-Resolution Approach for Image Resizing of Infant Fingerprints With Vision Transformers		Apr-2025
Image Data Task: None CV: Image Super-Resolution NLP: None Audio: None				
221	IMP-25-0020	Lightweight Detection Methods for Multi-Scale Targets in Complex Scenarios		Apr-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
222	IMP-25-0184	Enhancing Situational Awareness: Anomaly Detection Using Real-Time Video Across Multiple Domains		Apr-2025
Video Data Task: None CV: Visual Anomaly Detection NLP: None Audio: None				
223	IMP-25-0096	A Novel Partitioned Random Forest Method-Based Facial Emotion Recognition		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
224	IMP-25-0182	UAV High-Speed Target Reconnaissance and Deblurring		Apr-2025
Image Data Task: Generative Task CV: Image Deblurring NLP: None Audio: None				
225	IMP-25-0005	A Transfer Learning Approach for Landslide Semantic Segmentation Based on Visual Foundation Model		Apr-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
226	IMP-25-0038	A Fallback Localization Algorithm for Automated Vehicles Based on Object Detection and Tracking		Apr-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
227	IMP-25-0079	Forest Fire Detection Based on Enhanced Feature Information Capture and Long-Range Dependency		Apr-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
228	IMP-25-0054	Performance Evaluation of Image Super-Resolution for Cavity Detection in Irradiated Materials		Apr-2025
Image Data Task: None CV: Image Super-Resolution NLP: None Audio: None				
229	IMP-25-0150	CD-STMamba: Toward Remote Sensing Image Change Detection With Spatio-Temporal Interaction Mamba Model		Apr-2025
Image Data Task: Classification Task CV: Change Detection NLP: None Audio: None				
230	IMP-25-0192	Satellite Image Inpainting With Edge-Conditional Expectation Attention		Apr-2025
Image Data Task: None CV: Image Inpainting NLP: None Audio: None				
231	IMP-25-0187	Deep Learning Approaches for Morphological Classification of Intestinal Organoids		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
232	IMP-25-0147	Hybrid 3B Net and EfficientNetB2 Model for Multi-Class Brain Tumor Classification		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
233	IMP-25-0253	Enhanced Multi-Pill Detection and Recognition Using VFI Augmentation and Auto-Labeling for Limited Single-Pill Data		Apr-2025
Image Data Task: Classification Task CV: Object Detection NLP: None Audio: None				
234	IMP-25-0185	Deep Fusion of Neurophysiological and Facial Features for Enhanced Emotion Detection		Mar-2025
Image Data Task: Classification Task CV: None NLP: None Audio: None				
235	IMP-25-0162	MR Spatiospectral Reconstruction Integrating Subspace Modeling and Self-Supervised Spatiotemporal Denoising		Mar-2025
Image Data Task: None CV: Image Denoising NLP: None Audio: None				
236	IMP-25-0265	MFDAFF-Net: Multiscale Frequency-Aware and Dual Attention-Guided Feature Fusion Network for UAV Imagery Object Detection		Mar-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
237	IMP-25-0091	Efficient-Proto-Caps: A Parameter-Efficient and Interpretable Capsule Network for Lung Nodule Characterization		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
238	IMP-25-0243	Winograd Transform-Based Fast Detection of Heart Disease Using ECG Signals and Chest X-Ray Images		Mar-2025
Multi Modal Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
239	IMP-25-0121	Integrating Random Forest With Boundary Enhancement for Mapping Crop Planting Structure at the Parcel Level From Remote Sensing Images		Mar-2025
Image Data Task: None CV: Image Classification NLP: None Audio: None				
240	IMP-25-0010	ESFormer: A Pillar-Based Object Detection Method Based on Point Cloud Expansion Sampling and Optimised Swin Transformer		Mar-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
241	IMP-25-0188	Eagle-YOLOv8: UAV Object Detection Inspired by the Eagle-Eye Vision System		Mar-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
242	IMP-25-0109	Graph-CAM: Explainable Image Features via Graph Neural Network in Fourier Domain		Mar-2025
Image Data Task: None CV: Visual Content Synthesis NLP: None Audio: None				
243	IMP-25-0221	YOLO-GCOF: A Lightweight Low-Altitude Drone Detection Model		Mar-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
244	IMP-25-0222	Adaptive Token Mixer for Hyperspectral Image Classification		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
245	IMP-25-0127	Real-Time Long-Wave Infrared Semantic Segmentation With Adaptive Noise Reduction and Feature Fusion		Mar-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
246	IMP-25-0118	A Novel Approach With Enhanced Accuracy and Efficiency for Image Segmentation		Mar-2025
Image Data Task: Classification Task CV: Image Segmentation NLP: None Audio: None				
247	IMP-25-0179	Cross-Modality Object Detection Based on DETR		Mar-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
248	IMP-25-0258	Vehicle-to-Infrastructure Multi-Sensor Fusion (V2I-MSF) With Reinforcement Learning Framework for Enhancing Autonomous Vehicle Perception		Mar-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
249	IMP-25-0202	Optimizing Stroke Recognition With MediaPipe and Machine Learning: An Explainable AI Approach for Facial Landmark Analysis		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
250	IMP-25-0098	Tongue Image Segmentation Method Based on the VDAU-Net Model		Mar-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
251	IMP-25-0173	Constructing a Lightweight Fire and Smoke Detection Through the Improved GhostNet Architecture and Attention Module Mechanism		Mar-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
252	IMP-25-0081	Edge-YOLO: Lightweight Multi-Scale Feature Extraction for Industrial Surface Inspection		Mar-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
253	IMP-25-0216	Cross-Modal Semantic Relations Enhancement With Graph Attention Network for Image-Text Matching		Mar-2025
Multi Modal Data Task: None CV: Image Retrieval NLP: Paraphrase / Semantic Similarity Audio: None				
254	IMP-25-0144	Transforming Highway Safety With Autonomous Drones and AI: A Framework for Incident Detection and Emergency Response		Mar-2025
Video Data Task: None CV: Object Detection NLP: Text Generation Audio: None				
255	IMP-25-0186	A Novel Hybrid Model for Brain Ischemic Stroke Detection Using Feature Fusion and Convolutional Block Attention Module		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
256	IMP-25-0287	DUAL-GDFQ: A Dual-Generator, Dual-Phase Learning Approach for Data-Free Quantization		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
257	IMP-25-0280	DAF-Net: Dual-Aperture Feature Fusion Network for Aircraft Detection on Complex-Valued SAR Image		Mar-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
258	IMP-25-0292	A Novel Intensity-Corrected Blue Channel Compensation and Edge-Preserving Contrast Enhancement Using Laplace Filter and Sigmoid Function for Sand-Dust Image Enhancement		Mar-2025
Image Data Task: None CV: Image Denoising NLP: None Audio: None				
259	IMP-25-0116	Enhanced Nighttime Vehicle Detection for On-Board Processing		Mar-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
260	IMP-25-0146	Estimation of Road Pavement Surface Conditions via Time Series of Satellite Synthetic Aperture Radar Images		Mar-2025
Image Data Task: Classification Task CV: None NLP: None Audio: None				
261	IMP-25-0053	Cross-Scale Transformer-Based Matching Network for Generalizable Person Re-Identification		Mar-2025
Image Data Task: None CV: Image Classification NLP: None Audio: None				
262	IMP-25-0083	Near Miss Detection Using Distancing Monitoring and Distance-Based Proximal Indicators		Mar-2025
Video Data Task: Classification Task CV: Object Detection NLP: None Audio: None				
263	IMP-25-0207	Optimized Epoch Selection Ensemble: Integrating Custom CNN and Fine-Tuned MobileNetV2 for Maling Dataset Classification		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
264	IMP-25-0029	Autonomous Aerial Vehicle Object Detection Based on Spatial Perception and Multiscale Semantic and Detail Feature Fusion		Mar-2025
Image Data Task: Classification Task CV: Object Detection NLP: None Audio: None				
265	IMP-25-0047	Water Meter Reading Based on Text Recognition Techniques and Deep Learning		Mar-2025
Image Data Task: None CV: Optical Character Recognition (OCR) NLP: None Audio: None				
266	IMP-25-0228	FRORS: An Effective Fine-Grained Retrieval Framework for Optical Remote Sensing Images		Feb-2025
Image Data Task: None CV: Image Retrieval NLP: None Audio: None				
267	IMP-25-0159	A Comparative Study of Image Processing Techniques for Javanese Ancient Manuscripts Enhancement		Feb-2025
Image Data Task: None CV: Image Denoising NLP: None Audio: None				
268	IMP-25-0176	DAFDM: A Discerning Deep Learning Model for Active Fire Detection Based on Landsat-8 Imagery		Feb-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
269	IMP-25-0161	Design of Enhanced License Plate Information Recognition Algorithm Based on Environment Perception		Feb-2025
Image Data Task: None CV: Optical Character Recognition (OCR) NLP: None Audio: None				
270	IMP-25-0274	Self-DSNet: A Novel Self-ONNs Based Deep Learning Framework for Multimodal Driving Distraction Detection		Feb-2025
Multi Modal Data Task: Classification Task CV: None NLP: None Audio: None				
271	IMP-25-0247	A Spatial and Semantic Alignment Fusion Network for SeaLand Port Segmentation		Feb-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
272	IMP-25-0024	Explainable Mapping of the Irregular Land Use Parcel With a Data Fusion Deep-Learning Model		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
273	IMP-25-0231	High Precision Infant Facial Expression Recognition by Improved YOLOv8		Feb-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
274	IMP-25-0108	TDA SegUNet: Topological Data Analysis-Based Shape-Aware Brain Tumor Segmentation		Feb-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
275	IMP-25-0058	MCDiff: A Multilevel Conditional Diffusion Model for PolSAR Image Classification		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
276	IMP-25-0223	Enhancing Breast Cancer Diagnosis With Bidirectional Recurrent Neural Networks: A Novel Approach for Histopathological Image Multi-Classification		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
277	IMP-25-0279	LEU3: An Attention Augmented-Based Model for Acute Lymphoblastic Leukemia Classification		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
278	IMP-25-0267	Transformative Transfer Learning for MRI Brain Tumor Precision: Innovative Insights		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
279	IMP-25-0261	Online Hand Gesture Recognition Using Semantically Interpretable Attention Mechanism		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
280	IMP-25-0092	ELTrack: Events-Language Description for Visual Object Tracking		Feb-2025
Multi Modal Data Task: None CV: Object Detection NLP: Feature Extraction Audio: None				
281	IMP-25-0039	A Single-Stage Photovoltaic Module Defect Detection Method Based on Optimized YOLOv8		Feb-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
282	IMP-25-0263	GLF-NET: Global and Local Dynamic Feature Fusion Network for Real-Time Steel Strip Surface Defect Detection		Feb-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
283	IMP-25-0035	Estimating Near-Surface Air Temperature From Satellite-Derived Land Surface Temperature Using Temporal Deep Learning: A Comparative Analysis		Feb-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
284	IMP-25-0125	Attention Enhanced InceptionNeXt-Based Hybrid Deep Learning Model for Lung Cancer Detection		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
285	IMP-25-0130	AEFFNet: Attention Enhanced Feature Fusion Network for Small Object Detection in UAV Imagery		Feb-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
286	IMP-25-0004	Adaptive Circular Receptive Field for Remote Sensing Image Target Detection		Feb-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
287	IMP-25-0025	Human Pose Estimation and Event Recognition via Feature Extraction and Neuro-Fuzzy Classifier		Feb-2025
Video Data Task: Classification Task CV: Pose Estimation NLP: None Audio: None				
288	IMP-25-0135	Vehicle Detection and Tracking Based on Improved YOLOv8		Feb-2025
Video Data Task: None CV: Object Detection NLP: None Audio: None				
289	IMP-25-0181	An Inverted Residual Cross Head Knowledge Distillation Network for Remote Sensing Scene Image Classification		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
290	IMP-25-0249	Design of an Integrated Model for Video Summarization Using Multimodal Fusion and YOLO for Crime Scene Analysis		Feb-2025
Video Data Task: None CV: Video Summarization NLP: None Audio: None				
291	IMP-25-0246	Ultrasound Segmentation Using Semi-Supervised Learning: Application in Point-of-Care Sarcopenia Assessment		Jan-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
292	IMP-25-0165	Automatic Segmentation of Asphalt Cracks on Highways After Large-Scale and Severe Earthquakes Using Deep Learning-Based Approaches		Jan-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
293	IMP-25-0294	SqueezeSlimU-Net: An Adaptive and Efficient Segmentation Architecture for Real-Time UAV Weed Detection		Jan-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
294	IMP-25-0270	YOLOV8-MR: An Improved Lightweight YOLOv8 Algorithm for Tomato Fruit Detection		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
295	IMP-25-0056	Knowledge Distillation in Object Detection for Resource-Constrained Edge Computing		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
296	IMP-25-0240	DCKD: Distribution-Corrected Knowledge Distillation for Enhanced Industrial Defect Detection		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
297	IMP-25-0285	Machine Learning-Based Normal White Blood Cell Multi-Classification Optimization		Jan-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
298	IMP-25-0257	CenterNet-Elite: A Small Object Detection Model for Driving Scenario		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
299	IMP-25-0095	UVtrack: Multi-Modal Indoor Seamless Localization Using Ultra-Wideband Communication and Vision Sensors		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
300	IMP-25-0196	Multi-Modal Social Media Analytics: A Sentiment Perception-Driven Framework in Nanjing Districts		Jan-2025
Multi Modal Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
301	IMP-25-0256	EMSNet: Efficient Multimodal Symmetric Network for Semantic Segmentation of Urban Scene From Remote Sensing Imagery		Jan-2025
Multi Modal Data Task: None CV: Image Segmentation NLP: None Audio: None				
302	IMP-25-0008	Unsupervised Image Super-Resolution for High-Resolution Satellite Imagery via Omnidirectional Real-to-Synthetic Domain Translation		Jan-2025
Image Data Task: Generative Task CV: Image Super-Resolution NLP: None Audio: None				
303	IMP-25-0104	Improving Autonomous Vehicle Cognitive Robustness in Extreme Weather With Deep Learning and Thermal Camera Fusion		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
304	IMP-25-0174	Hybrid Intersection Over Union Loss for a Robust Small Object Detection in Low-Light Conditions		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
305	IMP-25-0171	Tongue-LiteSAM: A Lightweight Model for Tongue Image Segmentation With Zero-Shot		Jan-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
306	IMP-25-0141	Satellite-Based Forest Stand Detection Using Artificial Intelligence		Jan-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
307	IMP-25-0100	Explainability of Subfield Level Crop Yield Prediction Using Remote Sensing		Jan-2025
Multi Modal Data Task: Regression Task CV: None NLP: None Audio: None				
308	IMP-25-0278	Transformer-Based Person Detection in Paired RGB-T Aerial Images With VTSaR Dataset		Jan-2025
Image Data Task: Classification Task CV: Object Detection NLP: None Audio: None				
309	IMP-25-0219	Detection and Classification Method for Early-Stage Colorectal Cancer Using Dyadic Wavelet Packet Transform		Jan-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
310	IMP-25-0211	Dual-Granularity Feature Alignment for Change Detection in Remote Sensing Images		Jan-2025
Image Data Task: None CV: Change Detection NLP: None Audio: None				
311	IMP-25-0057	Transformer-Based Multi-Player Tracking and Skill Recognition Framework for Volleyball Analytics		Jan-2025
Image Data Task: None CV: Video Action Recognition NLP: None Audio: None				
312	IMP-25-0133	Application of CRNN and OpenGL in Intelligent Landscape Design Systems Utilizing Internet of Things, Explainable Artificial Intelligence, and Drone Technology		Jan-2025
Multi Modal Data Task: Generative Task CV: Image Generation NLP: None Audio: None				
313	IMP-25-0230	Always Clear Days: Degradation Type and Severity Aware All-in-One Adverse Weather Removal		Jan-2025
Image Data Task: None CV: Image Denoising NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
314	IMP-25-0015	Multiscale Adapter Based on SAM for Remote Sensing Semantic Segmentation		Jan-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
315	IMP-25-0201	Pretrained Detail Enhancement Framework for Remote Sensing Object Detection		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
316	IMP-25-0189	Task-Decoupled Learning Strategies for Optimized Multiclass Object Detection From VHR Optical Remote Sensing Imagery		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
317	IMP-25-0254	FedDrip: Federated Learning With Diffusion-Generated Synthetic Image		Jan-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
318	IMP-25-0288	RMHA-Net: Robust Optic Disc and Optic Cup Segmentation Based on Residual Multiscale Feature Extraction With Hybrid Attention Networks		Jan-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
319	IMP-25-0284	An Improved Correlation Filtering Method for Tracking Maritime Small Targets of GF-4 Staring Satellite Sequence Images		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
320	IMP-25-0212	EfficientNet-b0-Based 3D Quantification Algorithm for Rectangular Defects in Pipelines		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
321	IMP-25-0172	Unsupervised Visual-to-Geometric Feature Reconstruction for Vision-Based Industrial Anomaly Detection		Jan-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
322	IMP-25-0153	Real-time recognition and translation of Kinyarwanda sign language into Kinyarwanda text		Nov-2024
Video Data Task: Classification Task CV: Image Classification NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
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1	DLP-25-0173	Knowledge-Distilled Multi-Task Model With Enhanced Transformer and Bidirectional Mamba2 for Air Quality Forecasting	25%	Aug-2025
 Tabular Data  Task: Regression Task  CV: None  NLP: None  Audio: None				
2	DLP-25-0191	A Novel Approach for Tweet Similarity in a Context-Aware Fake News Detection Model	21%	Mar-2025
 Text Data  Task: Classification Task  CV: None  NLP: Text Classification  Audio: None				
3	DLP-25-0180	Calibrating Sentiment Analysis: A Unimodal-Weighted Label Distribution Learning Approach	18%	Aug-2025
 Text Data  Task: Classification Task  CV: None  NLP: Text Classification  Audio: None				
4	DLP-25-0198	Selective Reading for Arabic Sentiment Analysis	16%	Apr-2025
 Text Data  Task: Classification Task  CV: None  NLP: Text Classification  Audio: None				
5	DLP-25-0174	DualDRNet: A Unified Deep Learning Framework for Customer Baseline Load Estimation and Demand Response Potential Forecasting for Load Aggregators	15%	Sep-2025
 Tabular Data  Task: Time Series Task  CV: None  NLP: None  Audio: None				
6	DLP-25-0189	On-Board Deployability of a Deep Learning-Based System for Distraction and Inattention Detection	14%	Aug-2025
 Image Data  Task: Classification Task  CV: None  NLP: None  Audio: None				
7	DLP-25-0184	A Novel Hybrid GCN-LSTM Algorithm for Energy Stock Price Prediction: Leveraging Temporal Dynamics and Inter-Stock Relationships	14%	Jan-2025
 Tabular Data  Task: Time Series Task  CV: None  NLP: None  Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
8	DLP-25-0197	NeuroFuzDetect–A Neural and Fuzzy Inference System for Fake News Classification	12%	Mar-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
9	DLP-25-0196	MDCNN: Multi-Teacher Distillation-Based CNN for News Text Classification	10%	Mar-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
10	DLP-25-0211	Hybrid KNN–LSTM Framework for Electricity Theft Detection in Smart Grids Using SGCC Smart-Meter Data	7%	Nov-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
11	DLP-25-0207	Improving Network Structure for Efficient Classification Network Based on MobileNetV3		Nov-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
12	DLP-25-0212	Adaptive Incremental Learning for Robust X-Ray Threat Detection in Dynamic Operational Environments		Nov-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
13	DLP-25-0210	Modeling the Role of the Alpha Rhythm in Attentional Processing during Distractor Suppression		Nov-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
14	DLP-25-0213	Enhancing Bangla Speech Emotion Recognition Through Machine Learning Architectures		Nov-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Speech Emotion Recognition				
15	DLP-25-0208	A Systematic Evaluation of Current Architectures in Wind Power Forecasting		Nov-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
16	DLP-25-0209	Arabic Fake News Detection on X(Twitter) Using Bi-LSTM Algorithm and BERT Embedding		Nov-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
17	DLP-25-0206	Sentiment Analysis of YouTube Educational Videos: Correlation Between Educators' and Students' Sentiments		Oct-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
18	DLP-25-0203	A Multimodal Aspect-Level Sentiment Analysis Model Based on Syntactic-Semantic Perception		Oct-2025
Multi Modal Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
19	DLP-25-0182	Forecasting Bitcoin Price With Neural and Statistical Models Across Different Time Granularities		Oct-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
20	DLP-25-0202	Contrastive and Attention-Based Multimodal Fusion: Detecting Negative Memes Through Diverse Fusion Strategies		Sep-2025
Multi Modal Data Task: Classification Task CV: Image Classification NLP: Text Classification Audio: None				
21	DLP-25-0193	Evaluating Time-Series Deep Learning Models for Accurate and Efficient Reconstruction of Clinical 12-Lead ECG Signals		Sep-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
22	DLP-25-0183	An Attention-Guided Improved Decomposition-Reconstruction Model for Stock Market Prediction		Sep-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
23	DLP-25-0181	FedSalesNet: A Federated Learning-Inspired Deep Neural Framework for Decentralized Multi-Store Sales Forecasting		Sep-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
24	DLP-25-0172	Power Demand Forecasting in Iraq Using Singular Spectrum Analysis and Kalman Filter-Smoother		Sep-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
25	DLP-25-0171	Audio-Based Neural Network to Classify Patients With Early Parkinson's Disease		Sep-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Audio Classification				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
26	DLP-25-0175	ST-DGCN: A Novel Spatial-Temporal Dynamic Graph Convolutional Network for Cardiovascular Diseases Diagnosis		Sep-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
27	DLP-25-0188	Rethinking Multimodality: Optimizing Multimodal Deep Learning for Biomedical Signal Classification		Sep-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
28	DLP-25-0185	Enhancing Stock Price Forecasting Accuracy Through Compositional Learning of Recurrent Architectures: A Multi-Variant RNN Approach		Aug-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
29	DLP-25-0204	SetFitQuad: A Few-Shot Framework for Aspect Sentiment Quad Prediction With Sampling Strategies		Aug-2025
Text Data Task: None CV: None NLP: Text Classification Audio: None				
30	DLP-25-0201	Efficient Text Encoders for Labor Market Analysis		Jul-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
31	DLP-25-0192	Multi-Query Cross-Modal Attention Fusion for Cognitive Impairment Recognition		Jun-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
32	DLP-25-0195	Data-Driven Policy Making Framework Utilizing TOWS Analysis		May-2025
Text Data Task: None CV: None NLP: Topic Modeling Audio: None				
33	DLP-25-0190	Enhancing Internet Traffic Forecasting in MEC Environments With 5GT-Trans: Leveraging Synthetic Data and Transformer-Based Models		May-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
34	DLP-25-0205	Automatic Identification of Amharic Text Idiomatic Expressions Using a Deep Learning Approach		May-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
35	DLP-25-0186	MP-NER: Morpho-Phonological Integration Embedding for Chinese Named Entity Recognition		Apr-2025
Text Data Task: Classification Task CV: None NLP: Token Classification Audio: None				
36	DLP-25-0178	Domain-Generalized Emotion Recognition on German Text Corpora		Apr-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
37	DLP-25-0200	Mental Health Safety and Depression Detection in Social Media Text Data: A Classification Approach Based on a Deep Learning Model		Apr-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
38	DLP-25-0179	A Cascaded Ensemble Framework Using BERT and Graph Features for Emotion Detection From English Poetry		Mar-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
39	DLP-25-0194	Examining Customer Satisfaction Through Transformer-Based Sentiment Analysis for Improving Bilingual E-Commerce Experiences		Mar-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
40	DLP-25-0199	EmoNet: Deep Attentional Recurrent CNN for X (Formerly Twitter) Emotion Classification		Feb-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
41	DLP-25-0187	Optimizing Pre-Trained Code Embeddings With Triplet Loss for Code Smell Detection		Feb-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
42	DLP-25-0177	Headline-Guided Extractive Summarization for Thai News Articles		Feb-2025
Text Data Task: None CV: None NLP: Summarization Audio: None				
43	DLP-25-0108	Can We Trust AI With Our Ears? A Cross-Domain Comparative Analysis of Explainability in Audio Intelligence		Oct-2025
Multi Modal Data Task: Classification Task CV: None NLP: None Audio: Audio Classification				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
44	DLP-25-0081	An Explainable AI Framework Integrating Variational Sparse Autoencoder and Random Forest for EEG-Based Epilepsy Detection		Oct-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
45	DLP-25-0167	Adaptive Buffering Strategies for Incremental Learning Under Concept Drift in Lifestyle Disease Modeling		Oct-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
46	DLP-25-0047	CathepsinDL: Deep Learning-Driven Model for Cathepsin Inhibitor Screening and Drug Target Identification		Oct-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
47	DLP-25-0071	IntelliUnitGen: A Unit Test Case Generation Framework Based on the Integration of Static Analysis and Prompt Learning		Sep-2025
Text Data Task: Generative Task CV: None NLP: Text Generation Audio: None				
48	DLP-25-0061	LLM-Based News Recommendation System With Multi-Granularity News Content Fusion and Dual-View User Interest Perception		Sep-2025
Text Data Task: None CV: None NLP: None Audio: None				
49	DLP-25-0092	AI-Based Detection of Coronary Artery Occlusion Using Acoustic Biomarkers Before and After Stent Placement		Sep-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Audio Classification				
50	DLP-25-0056	A One-Shot Learning Approach for Fault Classification of Bearings via Multi-Autoencoder Reconstruction		Sep-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
51	DLP-25-0140	OAS-XGB: An OptiFlect Adaptive Search Optimization Framework Using XGBoost to Predict Length of Stay for CAD Patients		Sep-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
52	DLP-25-0091	Trustworthiness Evaluation of Large Language Models Using Multi-Criteria Decision Making		Sep-2025
Text Data Task: None CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
53	DLP-25-0134	AI-Empowered Latent Four-dimensional Variational Data Assimilation for River Discharge Forecasting		Sep-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
54	DLP-25-0101	Optimized Kolmogorov–Arnold Networks-Driven Chronic Obstructive Pulmonary Disease Detection Model		Sep-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Audio Classification				
55	DLP-25-0052	SMA-YOLO: A Defect Detection Algorithm for Self-Explosion of Insulators Under Complex Backgrounds		Sep-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
56	DLP-25-0067	A Lightweight Recurrent Architecture for Robust Urban Traffic Forecasting With Missing Data		Sep-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
57	DLP-25-0020	Spatio-Temporal Forecasting of Bus Arrival Times Using Context-Aware Deep Learning Models in Urban Transit Systems		Sep-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
58	DLP-25-0073	A Hybrid Neural-CRF Framework for Assamese Part-of-Speech Tagging		Sep-2025
Text Data Task: Classification Task CV: None NLP: Token Classification Audio: None				
59	DLP-25-0170	E-DANN: An Enhanced Domain Adaptation Network for Audio-EEG Feature Decoupling in Explainable Depression Recognition		Sep-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
60	DLP-25-0021	EEG-Based Prognostic Prediction in Moderate Traumatic Brain Injury: A Hybrid BiLSTM-AdaBoost Approach		Sep-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
61	DLP-25-0043	STMINet: Spatio-Temporal Multigranularity Intermingling Network for Remote Sensing Change Detection		Sep-2025
Image Data Task: None CV: Change Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
62	DLP-25-0142	Phaseper: A Complex-Valued Transformer for Automatic Speech Recognition		Sep-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Automatic Speech Recognition				
63	DLP-25-0160	Adjusted Exponential Scaling: An Innovative Approach for Combining Diverse Multiclass Classifications		Sep-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
64	DLP-25-0010	Hand Signs Recognition by Deep Muscle Impedimetric Measurements		Sep-2025
Image Data Task: Classification Task CV: None NLP: None Audio: None				
65	DLP-25-0141	A Novel Transformer-CNN Hybrid Deep Learning Architecture for Robust Broad-Coverage Diagnosis of Eye Diseases on Color Fundus Images		Sep-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
66	DLP-25-0049	KAleep-Net: A Kolmogorov-Arnold Flash Attention Network for Sleep Stage Classification Using Single-Channel EEG With Explainability		Sep-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
67	DLP-25-0117	Hybrid Deep Learning Model for Scalogram-Based ECG Classification of Cardiovascular Diseases		Sep-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
68	DLP-25-0124	On the Features Extracted From Dual-Polarized Sentinel-1 Images for Deep-Learning-Based Sea Surface Oil-Spill Detection		Aug-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
69	DLP-25-0087	A Joint Real- and Complex-Valued Network for Classification of Pol(In)SAR Images		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
70	DLP-25-0013	SiamSpecNet: One-Shot Bearing Fault Diagnosis Using Siamese Networks and Gabor Spectrograms		Aug-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
71	DLP-25-0089	Extractive Text Summarization Using Formality of Language		Aug-2025
Text Data Task: None CV: None NLP: Summarization Audio: None				
72	DLP-25-0107	HyperEAST: An Enhanced Attention-Based Spectral–Spatial Transformer With Self-Supervised Pretraining for Hyperspectral Image Classification		Aug-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
73	DLP-25-0008	A Deep Learning Model for Predicting ICU Discharge Readiness and Estimating Excess ICU Stay Duration		Aug-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
74	DLP-25-0030	Brain Network Analysis Reveals Age-Related Differences in Topological Reorganization During Vigilance Decline		Aug-2025
Tabular Data Task: None CV: None NLP: None Audio: None				
75	DLP-25-0112	Enhancing Global and Local Context Modeling in Time Series Through Multi-Step Transformer-Diffusion Interaction		Aug-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
76	DLP-25-0169	Domain-Specific Multi-Document Political News Summarization Using BART and ACT-GAN		Aug-2025
Text Data Task: None CV: None NLP: Summarization Audio: None				
77	DLP-25-0088	What's Going On in Dark Web Question and Answer Forums: Topic Diversity and Linguistic Characteristics		Aug-2025
Text Data Task: None CV: None NLP: Topic Modeling Audio: None				
78	DLP-25-0090	LARNet-SAP-YOLOv11: A Joint Model for Image Restoration and Corrosion Defect Detection of Transmission Line Fittings Under Multiple Adverse Weather Conditions		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
79	DLP-25-0085	SFONet: A Novel Joint Spatial-Frequency Domain Algorithm for Multiclass Ship Oriented Detection in SAR Images		Aug-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
80	DLP-25-0048	SPPMFN: Efficient Multimodal Financial Time-Series Prediction Network With Self-Supervised Learning		Jul-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
81	DLP-25-0105	Ground-Based Remote Sensing Cloud Image Segmentation Using Convolution-MLP Network		Jul-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
82	DLP-25-0054	ASFF-Det: Adaptive Space-Frequency Fusion Detector for Object Detection in SAR Images		Jul-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
83	DLP-25-0037	A Hybrid Deep Learning-Machine Learning Stacking Model for Yemeni Arabic Dialect Sentiment Analysis		Jul-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
84	DLP-25-0083	ECGNet: High-Precision ECG Classification Using Deep Learning and Advanced Activation Functions		Jul-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
85	DLP-25-0136	Research on Natural Language Misleading Content Detection Method Based on Attention Mechanism		Jul-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
86	DLP-25-0031	CIA-UNet: An Attention-Enhanced Multi-Scale U-Net for Single Tree Crown Segmentation		Jul-2025
Image Data Task: Classification Task CV: Image Segmentation NLP: None Audio: None				
87	DLP-25-0076	Enhanced Online Continuous Brain-Control by Deep Learning-Based EEG Decoding		Jul-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
88	DLP-25-0153	Transfer Learning for Photovoltaic Power Forecasting Across Regions Using Large-Scale Datasets		Jul-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
89	DLP-25-0001	Optimizing the Learnable RoPE Theta Parameter in Transformers		Jul-2025
Text Data Task: Generative Task CV: None NLP: Text Generation Audio: None				
90	DLP-25-0063	Flexible Job Shop Scheduling Based on Energy Consumption of Method Research		Jul-2025
Tabular Data Task: None CV: None NLP: None Audio: None				
91	DLP-25-0118	Soybean Yield Estimation Using Improved Deep Learning Models With Integrated Multisource and Multitemporal Remote Sensing Data		Jul-2025
Multi Modal Data Task: Regression Task CV: None NLP: None Audio: None				
92	DLP-25-0131	ANN-SVM-IP: An Innovative Method for Rapidly and Efficiently Detecting and Classifying of External Defects of Apple Fruits		Jul-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
93	DLP-25-0147	An Improved Backbone Fusion Neural Network for Orchard Extraction		Jul-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
94	DLP-25-0121	DCT-Based Channel Attention for Multivariate Time Series Classification		Jul-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
95	DLP-25-0028	Multistage Training and Fusion Method for Imbalanced Multimodal UAV Remote Sensing Classification		Jul-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
96	DLP-25-0065	Time Series-Based Fault Detection and Classification in IEEE 9-Bus Transmission Lines Using Deep Learning		Jul-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
97	DLP-25-0139	A Hybrid Large Language Model for Context-Aware Document Ranking in Telecommunication Data		Jul-2025
Text Data Task: None CV: None NLP: Paraphrase / Semantic Similarity Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
98	DLP-25-0164	RUL Prediction Based on MBGD-WGAN-GRU for Lithium-Ion Batteries		Jul-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
99	DLP-25-0103	Short-Term Photovoltaic Power Combined Prediction Based on Feature Screening and Weight Optimization		Jul-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
100	DLP-25-0102	Performance Evaluation of Different Speech-Based Emotional Stress Level Detection Approaches		Jun-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Speech Emotion Recognition				
101	DLP-25-0149	Exploring Bill Similarity with Attention Mechanism for Enhanced Legislative Prediction		Jun-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				
102	DLP-25-0070	AZIM: Arabic-Centric Zero-Shot Inference for Multilingual Topic Modeling With Enhanced Performance on Summarized Text		Jun-2025
Text Data Task: None CV: None NLP: Topic Modeling Audio: None				
103	DLP-25-0128	PARS: A Position-Based Attention for Rumor Detection Using Feedback From Source News		Jun-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
104	DLP-25-0069	Mixing High-Frequency Bands Based on Wavelet Decomposition for Long-Term State-of-Charge Forecasting of Lithium-Ion Batteries		Jun-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
105	DLP-25-0036	Trust Decay-Based Temporal Learning for Dynamic Recommender Systems With Concept Drift Adaptation		Jun-2025
Text Data Task: None CV: None NLP: None Audio: None				
106	DLP-25-0162	Diagnosis of Commutation Failure in a High- Voltage Direct Current Transmission System Based on Fuzzy Entropy Feature Vectors and a PCNN-GRU		Jun-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
107	DLP-25-0046	Combining Autoregressive Models and Phonological Knowledge Bases for Improved Accuracy in Korean Grapheme-to-Phoneme Conversion		Jun-2025
Text Data Task: None CV: None NLP: None Audio: None				
108	DLP-25-0157	Customized Spectro-Temporal CNN Feature Extraction and ELM-Based Classifier for Accurate Respiratory Obstruction Detection		Jun-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Audio Classification				
109	DLP-25-0009	Evaluation of Encoder-Only Transformer for Multi-Step Traffic Flow Prediction		Jun-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
110	DLP-25-0115	Performance Evaluation of Support Vector Machine and Stacked Autoencoder for Hyperspectral Image Analysis		Jun-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
111	DLP-25-0096	A Reinforcement Learning Approach to Personalized Asthma Exacerbation Prediction Using Proximal Policy Optimization		Jun-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
112	DLP-25-0007	An End-to-End Deep Learning System for Automated Fashion Tagging: Segmentation, Classification, and Hierarchical Labeling		Jun-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
113	DLP-25-0099	Faster-PPENet: Advancing Logistic Intelligence for PPE Recognition at Construction Sites		Jun-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
114	DLP-25-0012	Research on Lingnan Culture Image Restoration Methods Based on Multi-Scale Non-Local Self-Similar Learning		Jun-2025
Image Data Task: None CV: Image Reconstruction NLP: None Audio: None				
115	DLP-25-0104	Effective Tumor Annotation for Automated Diagnosis of Liver Cancer		Jun-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
116	DLP-25-0163	Power Wavelet Cepstral Coefficients (PWCC): An Accurate Auditory Model-Based Feature Extraction Method for Robust Speaker Recognition		Jun-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Speaker Identification				
117	DLP-25-0135	The Construction of Knowledge Graphs in the Assembly Domain Based on Deep Learning		Jun-2025
Text Data Task: Classification Task CV: None NLP: Token Classification Audio: None				
118	DLP-25-0084	EEG-Based Seizure Onset Detection of Frontal and Temporal Lobe Epilepsies Using 1DCNN		Jun-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
119	DLP-25-0110	Robust Face Recognition Using Deep Learning and Ensemble Classification		May-2025
Image Data Task: Classification Task CV: Face Recognition NLP: None Audio: None				
120	DLP-25-0027	A Multi-Modal Approach for the Molecular Subtype Classification of Breast Cancer by Using Vision Transformer and Novel SVM Polyvariant Kernel		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
121	DLP-25-0159	A Convolutional Neural Network Model for Classifying Resting Tremor Amplitude in Parkinson's Disease		May-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
122	DLP-25-0004	Hybrid Deep Learning and Fuzzy Matching for Real-Time Bidirectional Arabic Sign Language Translation: Toward Inclusive Communication Technologies		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
123	DLP-25-0113	DiverseNet: Decision Diversified Semi-Supervised Semantic Segmentation Networks for Remote Sensing Imagery		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
124	DLP-25-0066	A Deep Learning Framework for Healthy Lifestyle Monitoring and Outdoor Localization		May-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
125	DLP-25-0062	Eliminating Meteorological Dependencies in Solar Power Forecasting: A Deep Learning Solution With NeuralProphet and Real-World Data		May-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
126	DLP-25-0133	An End-to-End Concatenated CNN Attention Model for the Classification of Lung Cancer With XAI Techniques		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
127	DLP-25-0053	Defect Location Analysis of CFRP Plates Based on Morphological Filtering Technique		May-2025
Image Data Task: None CV: Visual Anomaly Detection NLP: None Audio: None				
128	DLP-25-0148	Early In-Hospital Mortality Prediction Based on xTimesNet and Time Series Interpretable Methods		May-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
129	DLP-25-0033	A Transfer Learning-Based Framework for Enhanced Classification of Perceived Mental Stress Using EEG Spectrograms		May-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
130	DLP-25-0100	Interpretable Chinese Fake News Detection With Chain-of-Thought and In-Context Learning		May-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
131	DLP-25-0086	Machine Anomalous Sound Detection Using Spectral-Temporal Modulation Representations Derived From Machine-Specific Filterbanks		May-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Audio Classification				
132	DLP-25-0003	PIONet: A Positional Encoding Integrated Onehot Feature-Based RNA-Binding Protein Classification Using Deep Neural Network		May-2025
Text Data Task: Classification Task CV: None NLP: None Audio: None				
133	DLP-25-0123	A Novel Approach to Continual Knowledge Transfer in Multilingual Neural Machine Translation Using Autoregressive and Non-Autoregressive Models for Indic Languages		May-2025
Text Data Task: Generative Task CV: None NLP: Translation Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
134	DLP-25-0126	Segmentation and Classification of Skin Cancer Diseases Based on Deep Learning: Challenges and Future Directions		May-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
135	DLP-25-0011	Lorenz-PSO Optimized Deep Neural Network for Enhanced Phonocardiogram Classification		May-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Audio Classification				
136	DLP-25-0044	How Deep is Your Guess? A Fresh Perspective on Deep Learning for Medical Time-Series Imputation		May-2025
Tabular Data Task: None CV: None NLP: None Audio: None				
137	DLP-25-0097	High Perplexity Mountain Flood Level Forecasting in Small Watersheds Based on Compound Long Short-Term Memory Model and Multimodal Short Disaster-Causing Factors		May-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
138	DLP-25-0151	MCDGMatch: Multilevel Consistency Based on Data-Augmented Generalization for Remote Sensing Image Classification		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
139	DLP-25-0150	Weak-Strong Graph Contrastive Learning Neural Network for Hyperspectral Image Classification		May-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
140	DLP-25-0034	Understanding Software Defect Prediction Through eXplainable Neural Additive Models		May-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
141	DLP-25-0132	Urban Parking Demand Forecasting Using xLSTM-Informer Model		May-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
142	DLP-25-0015	Color Night-Light Remote Sensing Image Fusion With Two-Branch Convolutional Neural Network		Apr-2025
Image Data Task: Generative Task CV: Image Super-Resolution NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
143	DLP-25-0094	Integration of Deep Learning Architectures With GRU for Automated Leukemia Detection in Peripheral Blood Smear Images		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
144	DLP-25-0041	Dataset Construction and Effectiveness Evaluation of Spoken-Emotion Recognition for Human Machine Interaction		Apr-2025
Multi Modal Data Task: Classification Task CV: None NLP: None Audio: None				
145	DLP-25-0109	A Comprehensive Comparative Analysis of Deep Learning Models for Student Performance Prediction in Virtual Learning Environments: Leveraging the OULA Dataset and Advanced Resampling Techniques		Apr-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
146	DLP-25-0064	Automated Detection of Road Defects Using LSTM and Random Forest		Apr-2025
Image Data Task: Classification Task CV: None NLP: None Audio: None				
147	DLP-25-0106	Self-Denoising of BOTDA Using Deep Convolutional Neural Networks		Apr-2025
Image Data Task: None CV: Image Denoising NLP: None Audio: None				
148	DLP-25-0098	Neural Network Pruning for Lightweight Metal Corrosion Image Segmentation Models		Apr-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
149	DLP-25-0093	Corrections to "Gradual Variation-Based Dual-Stream Deep Learning for Spatial Feature Enhancement With Dimensionality Reduction in Early Alzheimer's Disease Detection"		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
150	DLP-25-0057	Manhattan Correlation Attention Network for Metal Part Anomaly Classification		Apr-2025
Image Data Task: Classification Task CV: Visual Anomaly Detection NLP: None Audio: None				
151	DLP-25-0144	Research on Book Recommendation Integrating Book Category Features and User Attribute Information		Apr-2025
Text Data Task: Classification Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
152	DLP-25-0060	Enhancing Model Robustness in Noisy Environments: Unlocking Advanced Mono-Channel Speech Enhancement With Cooperative Learning and Transformer Networks		Apr-2025
Audio Data Task: None CV: None NLP: None Audio: Speech Enhancement				
153	DLP-25-0035	Capturing Fine-Grained Food Image Features Through Iterative Clustering and Attention Mechanisms		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
154	DLP-25-0077	Attribute-Guided Alignment Model for Person Re-Identification With Feature Distillation and Enhancement		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
155	DLP-25-0129	Explainable Artificial Intelligence Driven Segmentation for Cervical Cancer Screening		Apr-2025
Image Data Task: Classification Task CV: Image Segmentation NLP: None Audio: None				
156	DLP-25-0111	Adaptive Input Sampling: A Novel Approach for Efficient Object Detection in High Resolution Traffic Monitoring Images		Apr-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
157	DLP-25-0116	CIMF-Net: A Change Indicator-Enhanced Multiscale Fusion Network for Remote Sensing Change Detection		Apr-2025
Image Data Task: None CV: Change Detection NLP: None Audio: None				
158	DLP-25-0166	Vision Transformers Versus Convolutional Neural Networks: Comparing Robustness by Exploiting Varying Local Features		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
159	DLP-25-0023	Real-Time EEG Signal Analysis for Microsleep Detection: Hyper-Opt-ANN as a Key Solution		Apr-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
160	DLP-25-0072	Core Temperature Estimation of Lithium-Ion Batteries Using Long Short-Term Memory (LSTM) Network and Kolmogorov–Arnold Network (KAN)		Apr-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
161	DLP-25-0119	Convolutional Bi-LSTM for Automatic Personality Recognition From Social Media Texts		Apr-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
162	DLP-25-0152	TCI-Net: Structural Feature Enhancement and Multi-Level Constrained Network for Reliable Thin Crack Identification on Concrete Surfaces		Apr-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
163	DLP-25-0079	Forecasting Tunnel-Induced Ground Settlement: A Hybrid Deep Learning Approach and Traditional Statistical Techniques With Sensor Data		Apr-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
164	DLP-25-0017	A FixMatch Framework for Alzheimer's Disease Classification: Exploring the Trade-Off Between Supervision and Performance		Apr-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
165	DLP-25-0075	Lung-AttNet: An Attention Mechanism-Based CNN Architecture for Lung Cancer Detection With Federated Learning		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
166	DLP-25-0051	Dual-Channel Dynamic Gated Spatio-Temporal Graph for Traffic Flow Forecasting		Mar-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
167	DLP-25-0042	Improving Local Fidelity and Interpretability of LIME by Replacing Only the Sampling Process With CVAE		Mar-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
168	DLP-25-0025	RAT-CC: A Recurrent Autoencoder for Time-Series Compression and Classification		Mar-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
169	DLP-25-0014	CromSS: Cross-Modal Pretraining With Noisy Labels for Remote Sensing Image Segmentation		Mar-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
170	DLP-25-0080	Triplet Multi-Kernel CNN for Detection of Pulmonary Diseases From Lung Sound Signals		Mar-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Audio Classification				
171	DLP-25-0068	Finger Vein Recognition Based on Vision Transformer With Feature Decoupling for Online Payment Applications		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
172	DLP-25-0125	Using Deep Learning Transformers for Detection of Hedonic Emotional States by Analyzing Eudaimonic Behavior of Online Users		Mar-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
173	DLP-25-0006	Integrating Time Series Anomaly Detection Into DevOps Workflows		Mar-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
174	DLP-25-0024	A Dual-Stream Deep Learning Architecture With Adaptive Random Vector Functional Link for Multi-Center Ischemic Stroke Classification		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
175	DLP-25-0137	Vision Transformer-Based Anomaly Detection in Smart Grid Phasor Measurement Units Using Deep Learning Models		Mar-2025
Image Data Task: Classification Task CV: Visual Anomaly Detection NLP: None Audio: None				
176	DLP-25-0120	FLaNS: Feature-Label Negative Sampling for Out-of-Distribution Detection		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
177	DLP-25-0055	Imposing Correlation Structures for Deep Binaural Spatio-Temporal Wiener Filtering		Mar-2025
Audio Data Task: None CV: None NLP: None Audio: Speech Enhancement				
178	DLP-25-0165	NDL-Net: A Hybrid Deep Learning Framework for Diagnosing Neonatal Respiratory Distress Syndrome From Chest X-Rays		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
179	DLP-25-0016	A Hybrid Deep Learning Approach for Skin Lesion Segmentation With Dual Encoders and Channel-Wise Attention		Mar-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
180	DLP-25-0039	FiSC: A Novel Approach for Fitzpatrick Scale-Based Skin Analyzer's Image Classification		Mar-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
181	DLP-25-0156	Deep Learning-Based Super-Resolution of Remote Sensing Images for Enhanced Groundwater Quality Assessment and Environmental Monitoring in Urban Areas		Mar-2025
Multi Modal Data Task: Generative Task CV: Image Super-Resolution NLP: None Audio: None				
182	DLP-25-0045	Automatic Brain Tumor Segmentation: Advancing U-Net With ResNet50 Encoder for Precise Medical Image Analysis		Mar-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				
183	DLP-25-0127	TRUNC: A Transfer Learning Unsupervised Network for Data Clustering		Feb-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				
184	DLP-25-0022	Enhancing Facial Recognition and Expression Analysis With Unified Zero-Shot and Deep Learning Techniques		Feb-2025
Image Data Task: Classification Task CV: Face Recognition NLP: Zero-Shot Classification Audio: None				
185	DLP-25-0168	Enhancing Voice Phishing Detection Using Multilingual Back-Translation and SMOTE: An Empirical Study		Feb-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Audio Classification				
186	DLP-25-0143	SERN-AwGOP: Squeeze-and-Excitation Residual Network With an Attention-Weighted Generalized Operational Perceptron for Atrial Fibrillation Detection		Feb-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
187	DLP-25-0050	YOLORemote: Advancing Remote Sensing Object Detection by Integrating YOLOv8 With the CE-WA-CS Feature Fusion Approach		Feb-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
188	DLP-25-0002	On the Benefit of FMG and EMG Sensor Fusion for Gesture Recognition Using Cross-Subject Validation		Feb-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
189	DLP-25-0005	A Transformer-Based Model for State of Charge Estimation of Electric Vehicle Batteries		Feb-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
190	DLP-25-0146	Optimizing Crop Recommendations With Improved Deep Belief Networks: A Multimodal Approach		Feb-2025
Multi Modal Data Task: Recommendation Task CV: None NLP: None Audio: None				
191	DLP-25-0130	A Hyperspectral Classification Method Based on Deep Learning and Dimension Reduction for Ground Environmental Monitoring		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
192	DLP-25-0138	Dual-Scale Complementary Spatial-Spectral Joint Model for Hyperspectral Image Classification		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
193	DLP-25-0176	Adversarial Domain Adaptation-Based EEG Emotion Transfer Recognition		Feb-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
194	DLP-25-0078	A Sensory Glove With a Limited Number of Sensors for Recognition of the Finger Alphabet of Polish Sign Language		Feb-2025
Video Data Task: Classification Task CV: None NLP: None Audio: None				
195	DLP-25-0018	Predicting Ultra-Short-Term Wind Power Combinations Under Extreme Weather Conditions		Feb-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
196	DLP-25-0155	Analysis of Near-Fall Detection Method Utilizing Dynamic Motion Images and Transfer Learning		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
197	DLP-25-0059	An Auto-Annotation Approach for Object Detection and Depth-Based Distance Estimation in Security and Surveillance Systems		Feb-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
198	DLP-25-0058	Reconstruction and Classification of Brain Strokes Using Deep Learning-Based Microwave Imaging		Feb-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
199	DLP-25-0029	Boosting Cervical Cancer Prediction Leveraging a Hybrid FT-Transformer Model		Feb-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
200	DLP-25-0122	EEG Transformer for Classifying Students' Epistemic Cognition States in Educational Contexts		Feb-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
201	DLP-25-0074	Ultra-Short-Term Wind Power Forecasting Based on DT-DSCTransformer Model		Jan-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
202	DLP-25-0161	Robustifying Routers Against Input Perturbations for Sparse Mixture-of-Experts Vision Transformers		Jan-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
203	DLP-25-0114	Drawing-Aware Parkinson's Disease Detection Through Hierarchical Deep Learning Models		Jan-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
204	DLP-25-0032	A Generalized Zero-Shot Deep Learning Classifier for Emotion Recognition Using Facial Expression Images		Jan-2025
Image Data Task: Classification Task CV: Image Classification NLP: Zero-Shot Classification Audio: None				
205	DLP-25-0154	Tuberculosis Lesion Segmentation Improvement in X-Ray Images Using Contextual Background Label		Jan-2025
Image Data Task: None CV: Image Segmentation NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
206	DLP-25-0019	Robust and Sparse Kernel-Free Quadratic Surface LSR via L2,p-Norm With Feature Selection for Multi-Class Image Classification		Jan-2025
Image Data Task: Classification Task CV: Image Classification NLP: None Audio: None				
207	DLP-25-0040	Remote Epilepsy Monitoring: Signal Quality and Reliability Comparative Analysis		Jan-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
208	DLP-25-0038	XCF-LSTMSATNet: A Classification Approach for EEG Signals Evoked by Dynamic Random Dot Stereograms		Jan-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
209	DLP-25-0095	Smart Farming: Enhancing Urban Agriculture Through Predictive Analytics and Resource Optimization		Jan-2025
Image Data Task: Classification Task CV: None NLP: None Audio: None				
210	DLP-25-0026	Few-Shot Object Detection in Remote Sensing: Mitigating Label Inconsistencies and Navigating Category Variations		Jan-2025
Image Data Task: None CV: Object Detection NLP: None Audio: None				
211	DLP-25-0158	Asynchronous Real-Time Federated Learning for Anomaly Detection in Microservice Cloud Applications		Jan-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
212	DLP-25-0145	A Novel Approach to Faster Convergence and Improved Accuracy in Deep Learning-Based Electrical Energy Consumption Forecast Models for Large Consumer Groups		Jan-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
213	DLP-25-0082	Leveraging Multilingual Transformer for Multiclass Sentiment Analysis in Code-Mixed Data of Low-Resource Languages		Jan-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				





IEEE Machine Learning Domain Project Titles



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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
 Have your own project idea? We'll transform it into a successful real-world IEEE project implementation.				
1	MAC-25-0065	Design of an Early Prediction Model for Parkinson's Disease Using Machine Learning	12%	Jan-2025
 Tabular Data  Task: Classification Task  CV: None  NLP: None  Audio: None				
2	MAC-25-0069	Toward Practical Wrist BCIs: Multi-Class EEG Classification of Actual and Imagined Movements		Nov-2025
 Tabular Data  Task: Classification Task  CV: None  NLP: None  Audio: None				
3	MAC-25-0068	Diagnosis and Protection of Ground Fault in Electrical Systems: A Comprehensive Analysis		Nov-2025
 Tabular Data  Task: Classification Task  CV: None  NLP: None  Audio: None				
4	MAC-25-0066	Novel Evaluation Techniques for Outlier Detection Methods: A Case Study With RCOD		Aug-2025
 Tabular Data  Task: None  CV: None  NLP: None  Audio: None				
5	MAC-25-0064	A Data Resource Trading Price Prediction Method Based on Improved LightGBM Ensemble Model		May-2025
 Tabular Data  Task: Regression Task  CV: None  NLP: None  Audio: None				
6	MAC-25-0063	A New Fault Detection Method Using Machine Learning in Analog Radio-on-Fiber MIMO Transmission System		Mar-2025
 Tabular Data  Task: Classification Task  CV: None  NLP: None  Audio: None				
7	MAC-25-0067	A Hybrid K-Means++ and Particle Swarm Optimization Approach for Enhanced Document Clustering		Jan-2025
 Text Data  Task: Clustering Task  CV: None  NLP: Topic Modeling  Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
8	MAC-25-0029	Investigating Data Consistency in the ASHRAE Dataset Using Clustering and Label Matching		Sep-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				
9	MAC-25-0047	Intelligent Warehousing: A Machine Learning and IoT Framework for Precision Inventory Optimization		Sep-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
10	MAC-25-0046	BSM-DND: Bias and Sensitivity-Aware Multilingual Deepfake News Detection Using Bloom Filters and Recurrent Feature Elimination		Sep-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
11	MAC-25-0035	A Comprehensive Study on Frequent Pattern Mining and Clustering Categories for Topic Detection in Persian Text Stream		Sep-2025
Text Data Task: None CV: None NLP: Topic Modeling Audio: None				
12	MAC-25-0019	Evaluation of Machine Learning and Deep Learning Models for Fake News Detection in Arabic Headlines		Sep-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
13	MAC-25-0009	Optimizing Retail Inventory and Sales Through Advanced Time Series Forecasting Using Fine Tuned PrGB Regressor		Sep-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
14	MAC-25-0060	CASCADE Approach With Real-Time Data in Vehicle Maintenance		Aug-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				
15	MAC-25-0040	Smarter Root Cause Analysis: Enhancing BARO With Outlier Filtering and Ranking Refinement		Aug-2025
Tabular Data Task: None CV: None NLP: None Audio: None				
16	MAC-25-0015	Minimum Information Trees for High Dimensional Data Visualization in Clustering		Aug-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
17	MAC-25-0043	Use of Impedance for Condition Assessment of HV Silicone-Coated Insulators		Aug-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
18	MAC-25-0003	An Enhanced Transfer Learning Remote Sensing Inversion of Coastal Water Quality: A Case Study of Dissolved Oxygen		Aug-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
19	MAC-25-0061	Microwave-Based Non-Invasive Blood Glucose Sensors: Key Design Parameters and Case-Informed Evaluation		Aug-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
20	MAC-25-0023	Machine Learning in Biomedical Informatics: Optimizing Resource Allocation and Energy Efficiency in Public Hospitals		Aug-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
21	MAC-25-0059	An Enhanced Density Peak Clustering Algorithm With Dimensionality Reduction and Relative Density Normalization for High-Dimensional Duplicate Data		Aug-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				
22	MAC-25-0030	Defect Detection and Correction in OpenMP: A Static Analysis and Machine Learning-Based Solution		Jul-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
23	MAC-25-0062	Finite Sample Analysis of Distribution-Free Confidence Ellipsoids for Linear Regression		Jul-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
24	MAC-25-0011	A Comparative Study of Sequence Clustering Algorithms		Jul-2025
Text Data Task: Clustering Task CV: None NLP: None Audio: None				
25	MAC-25-0052	Leveraging Machine Learning Regression Algorithms to Predict Mechanical Properties of Evaporitic Rocks From Their Physical Attributes		Jul-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
26	MAC-25-0031	Multi-Modal Feature Set-Based Detection of Freezing of Gait in Parkinson's Disease Patients Using SVM		Jul-2025
Multi Modal Data Task: Classification Task CV: None NLP: None Audio: None				
27	MAC-25-0027	Analysis of Meteorological and Soil Parameters for Predicting Ecosystem State Dynamics		Jul-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
28	MAC-25-0012	Hybrid CNN-LSTM With Attention Mechanism for Robust Credit Card Fraud Detection		Jun-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
29	MAC-25-0021	Credibility-Adjusted Data-Conscious Clustering Method for Robust EEG Signal Analysis		Jun-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				
30	MAC-25-0058	Dual Passive-Aggressive Stacking k-Nearest Neighbors for Class-Incremental Multi-Label Stream Classification		Jun-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
31	MAC-25-0033	Efficient Pathfinding on Grid Maps: Comparative Analysis of Classical Algorithms and Incremental Line Search		Jun-2025
Tabular Data Task: None CV: None NLP: None Audio: None				
32	MAC-25-0051	Outlier Traffic Flow Detection and Pattern Analysis Under Unplanned Disruptions: A Low-Rank Robust Decomposition Model		May-2025
Tabular Data Task: None CV: None NLP: None Audio: None				
33	MAC-25-0054	Topology Knapsack Problem for Geometry Optimization		May-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				
34	MAC-25-0016	A New Multicriteria Approach for the Efficiency Measures on the Forex Market		May-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
35	MAC-25-0017	Hybrid Machine Learning-Based Multi-Stage Framework for Detection of Credit Card Anomalies and Fraud		Apr-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
36	MAC-25-0007	Data-Adaptive Dynamic Time Warping-Based Multivariate Time Series Fuzzy Clustering		Apr-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				
37	MAC-25-0041	Self SOC Estimation for Second-Life Lithium-Ion Batteries		Apr-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
38	MAC-25-0032	The Effect of AI Gamification on Students' Engagement and Academic Achievement in Malaysia: SEM Analysis Perspectives		Apr-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
39	MAC-25-0025	Gradient Boosting Feature Selection for Integrated Fault Diagnosis in Series-Compensated Transmission Lines		Apr-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
40	MAC-25-0026	Illuminating the Path to Enhanced Resilience of Machine Learning Models Against the Shadows of Missing Labels		Apr-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
41	MAC-25-0005	Metrics and Algorithms for Identifying and Mitigating Bias in AI Design: A Counterfactual Fairness Approach		Mar-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
42	MAC-25-0028	SMOTHashBoost: Ensemble Algorithm for Imbalanced Dataset Pattern Classification		Mar-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
43	MAC-25-0044	Designing a Digital Transformation Strategy for Hydropower Generation in Colombia		Mar-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
44	MAC-25-0039	A New Definition and Research Agenda for Demand Response in the Distributed Energy Resource Era		Mar-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
45	MAC-25-0001	Robust Framework for PMU Placement and Voltage Estimation of Power Distribution Network		Mar-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
46	MAC-25-0006	Depression and Anxiety Screening for Pregnant Women via Free Conversational Speech in Naturalistic Condition		Mar-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Speech Emotion Recognition				
47	MAC-25-0010	DDNet: A Robust, and Reliable Hybrid Machine Learning Model for Effective Detection of Depression Among University Students		Mar-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
48	MAC-25-0055	Enhancing Sports Team Management Through Machine Learning		Mar-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
49	MAC-25-0024	Innovative Tailored Semantic Embedding and Machine Learning for Precise Prediction of Drug-Drug Interaction Seriousness		Mar-2025
Text Data Task: Classification Task CV: None NLP: Text Classification Audio: None				
50	MAC-25-0018	The Art of Retention: Advancing Sustainable Management Through Age-Diverse Turnover Modeling		Mar-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
51	MAC-25-0008	1DCNN-Residual Bidirectional LSTM for Permanent Magnet Synchronous Motor Temperature Prediction Based on Operating Condition Clustering		Mar-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
52	MAC-25-0014	An Approach to Truck Driving Risk Identification: A Machine Learning Method Based on Optuna Optimization		Mar-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
53	MAC-25-0056	Enhancing Crowdfunding Success With Machine Learning and Visual Analytics: Insights From Chinese Platforms		Feb-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
54	MAC-25-0002	Anomaly Detection and Performance Analysis With Exponential Smoothing Model Powered by Genetic Algorithms and Meta Optimization		Feb-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
55	MAC-25-0036	Implementation and Performance Evaluation of Machine Learning-Based Apriori Algorithm to Detect Non-Technical Losses in Distribution Systems		Feb-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
56	MAC-25-0053	Predicting the Classification of Heart Failure Patients Using Optimized Machine Learning Algorithms		Feb-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
57	MAC-25-0050	An Improved Triangulation Oversampling Method for Processing Unbalanced Data		Feb-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
58	MAC-25-0013	Interpretable Machine Learning Models for PISA Results in Mathematics		Feb-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
59	MAC-25-0045	Integrating Advanced Techniques: RFE-SVM Feature Engineering and Nelder-Mead Optimized XGBoost for Accurate Lung Cancer Prediction		Jan-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
60	MAC-25-0004	New Evaluation Method for Fuzzy Cluster Validity Indices		Jan-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				
61	MAC-25-0049	Construction and Performance Evaluation of Grain Porosity Prediction Models Based on Metaheuristic Algorithms and Machine Learning		Jan-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
62	MAC-25-0022	LASSO-mCGA: Machine Learning and Modified Compact Genetic Algorithm-Based Biomarker Selection for Breast Cancer Subtype Classification		Jan-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
63	MAC-25-0034	A Time-Constrained and Spatially Explicit AI Model for Soil Moisture Inversion Using CYGNSS Data		Jan-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
64	MAC-25-0048	Lithium Battery Life Prediction for Electric Vehicles Using Enhanced TCN and SVN Quantile Regression		Jan-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
65	MAC-25-0042	A Data-Driven Approach to Engineering Instruction: Exploring Learning Styles, Study Habits, and Machine Learning		Jan-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
66	MAC-25-0037	Gaussian Mixture Model-Based Vector Approach to Real-Time Three-Dimensional Path Planning in Cluttered Environment		Jan-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				
67	MAC-25-0038	Electricity Theft Detection Using Machine Learning in Traditional Meter Postpaid Residential Customers: A Case Study on State Electricity Company (PLN) Indonesia		Jan-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
68	MAC-25-0020	Convergence-Driven Adaptive Many-Objective Particle Swarm Optimization		Jan-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
69	MAC-25-0057	A Nonintrusive Nonlinear Model Reduction Method for Thermal Cycling-Induced Viscoplastic Deformation Problems Based on Segmented Gaussian Process Regression Machine Learning		Jan-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				





IEEE Data Science Domain Project Titles



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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
 Have your own project idea? We'll transform it into a successful real-world IEEE project implementation.				
1	DAS-25-0025	Gender and Academic Indicators in First-Year Engineering Dropout: A Multi-Model Approach	13%	Sep-2025
 Tabular Data  Task: Classification Task  CV: None  NLP: None  Audio: None				
2	DAS-25-0028	Harnessing Social Media to Measure Traffic Safety Culture: A Theory of Planned Behavior Approach	10%	Oct-2025
 Text Data  Task: Classification Task  CV: None  NLP: Text Classification  Audio: None				
3	DAS-25-0029	Fine-Grained Feature Extraction in Key Sentence Selection for Explainable Sentiment Classification Using BERT and CNN	10%	Apr-2025
 Text Data  Task: Classification Task  CV: None  NLP: Text Classification  Audio: None				
4	DAS-25-0031	Python Under the Microscope: A Comparative Energy Analysis of Execution Methods		Nov-2025
 None  Task: None  CV: None  NLP: None  Audio: None				
5	DAS-25-0023	Enhancing Air Quality Prediction Through Holt-Winters Smoothing and Transformer-BiGRU With Bayesian Optimization		Oct-2025
 Tabular Data  Task: Regression Task  CV: None  NLP: None  Audio: None				
6	DAS-25-0030	Towards Automated Classification of Adult Attachment Interviews in German Language Using the BERT Language Model		Sep-2025
 Text Data  Task: Classification Task  CV: None  NLP: Text Classification  Audio: None				
7	DAS-25-0026	Dynamic Energy Sparse Self-Attention Based on Informer for Remaining Useful Life of Rolling Bearings		Jul-2025
 Tabular Data  Task: Regression Task  CV: None  NLP: None  Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
8	DAS-25-0024	A Regionally Adaptable Nutrition Centric Food Recommendation System (FR-RANC)		Jul-2025
Tabular Data Task: Recommendation Task CV: None NLP: None Audio: None				
9	DAS-25-0027	Hybrid Prophet-NAR Model for Short-Term Electricity Load Forecasting		Jan-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
10	DAS-25-0020	Multimodal Outlier Optimizer for Textual, Numeric, and Image Data		Oct-2025
Multi Modal Data Task: None CV: Visual Anomaly Detection NLP: None Audio: None				
11	DAS-25-0006	ECG Heartbeat Classification Using CNN Autoencoder Feature Extraction and Attention-Augmented BiLSTM Classifier		Sep-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
12	DAS-25-0009	Reinforcement Learning-Based Recommender Systems Enhanced With Graph Neural Networks		Aug-2025
Tabular Data Task: Recommendation Task CV: None NLP: None Audio: None				
13	DAS-25-0013	DriftShield: Autonomous Fraud Detection via Actor-Critic Reinforcement Learning With Dynamic Feature Reweighting		Jul-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
14	DAS-25-0010	Deep Neural Networks in Smart Grid Digital Twins: Evolution, Challenges, and Future Outlooks		Jul-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
15	DAS-25-0005	Trajectory of Fifths in Tonal Mode Detection		Jun-2025
Audio Data Task: Classification Task CV: None NLP: None Audio: Audio Classification				
16	DAS-25-0021	AI-Driven Nudge Optimization: Integrating Two-Tower Networks and Multi-Armed Bandit With Behavioral Economics for Digital Banking Campaign		Jun-2025
Tabular Data Task: Recommendation Task CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
17	DAS-25-0018	PanOpt: A Nationwide Joint Optimization of Dynamic Bed Allocation and Patient Transfer in Pandemics		Jun-2025
Tabular Data Task: None CV: None NLP: None Audio: None				
18	DAS-25-0022	A Deep Learning Approach for Fault Detection and Localization in MT-VSC-HVDC System Utilizing Wavelet Scattering Transform		May-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
19	DAS-25-0008	Extraction of Periodic Characteristics and Long-Term Stock Price Forecasting Using Non-Harmonic Analysis With Over 14 Years of NASDAQ Data Before and After COVID-19		May-2025
Tabular Data Task: Time Series Task CV: None NLP: None Audio: None				
20	DAS-25-0017	Bipartite Graph Adversarial Network for Subject-Independent Emotion Recognition		May-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
21	DAS-25-0004	An Integrated Preprocessing and Drift Detection Approach With Adaptive Windowing for Fraud Detection in Payment Systems		May-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
22	DAS-25-0019	Accelerating the k-Means++ Algorithm by Using Geometric Information		Apr-2025
Tabular Data Task: Clustering Task CV: None NLP: None Audio: None				
23	DAS-25-0012	AI-Driven Innovation Using Multimodal and Personalized Adaptive Education for Students With Special Needs		Apr-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
24	DAS-25-0015	Exploring Features and Products in E-Commerce on Consumers Behavior Using Cognitive Affective		Mar-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
25	DAS-25-0003	Improving Learning Management System Performance: A Comprehensive Approach to Engagement, Trust, and Adaptive Learning		Mar-2025
Tabular Data Task: None CV: None NLP: None Audio: None				





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
26	DAS-25-0001	Maximum Flow Model With Multiple Origin and Destination and Its Application in Designing Urban Drainage Systems		Mar-2025
Tabular Data Task: None CV: None NLP: None Audio: None				
27	DAS-25-0011	Deterministic Uncertainty Estimation for Multi-Modal Regression With Deep Neural Networks		Mar-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
28	DAS-25-0007	Vehicle and Onboard UAV Collaborative Delivery Route Planning: Considering Energy Function with Wind and Payload		Feb-2025
Tabular Data Task: None CV: None NLP: None Audio: None				
29	DAS-25-0014	Enhancing Indoor Localization With Temporally-Aware Separable Group Shuffled CNNs and Skip Connections		Jan-2025
Tabular Data Task: Classification Task CV: None NLP: None Audio: None				
30	DAS-25-0016	Integrating Technology Acceptance Model With UTAUT to Increase the Explanatory Power of the Effect of HCI on Students' Intention to Use E-Learning System and Perceive Success		Jan-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				
31	DAS-25-0002	Variation in Photovoltaic Energy Rating and Underlying Drivers Across Modules and Climates		Jan-2025
Tabular Data Task: Regression Task CV: None NLP: None Audio: None				





IEEE Big Data Domain Project Titles



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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
1	BIG-25-0032	Enhancement of Implicit Emotion Recognition in Arabic Text: Annotated Dataset and Baseline Models	10%	Sep-2025
2	BIG-25-0029	Explainable Artificial Intelligence for Time Series Using Attention Mechanism: Application to Wind Turbine Fault Detection		Oct-2025
3	BIG-25-0031	A New Class of Hybrid LSTM-VSMN for Epileptic EEG Signal Generation and Classification		Sep-2025
4	BIG-25-0030	A Scalable Approach to Historical Data Management via Optimized Transaction Logs		Aug-2025
5	BIG-25-0027	Research on InSAR Coherence Proxy and Optimization Method for Interferometric Network Construction in the Era of InSAR Big Data		Oct-2025
6	BIG-25-0014	A Scalable Framework for Big Data Analytics in Psychological Research: Leveraging Distributed Systems and Cluster Management		Oct-2025
7	BIG-25-0017	A Benchmark Dataset and Novel Methods for Parallax-Based Flying Aircraft Detection in Sentinel-2 Imagery		Sep-2025
8	BIG-25-0011	Semi-Supervised Prefix Tuning of Large Language Models for Industrial Fault Diagnosis with Big Data		Sep-2025
9	BIG-25-0019	Optimized Hybrid Framework Versus Spark and Hadoop: Performance Analysis for Big Data Applications in Vehicular Engine Systems		Sep-2025
10	BIG-25-0002	ULDepth: Transform Self-Supervised Depth Estimation to Unpaired Multi-Domain Learning		Aug-2025
11	BIG-25-0024	BCSM-YOLO: An Improved Product Package Recognition Algorithm for Automated Retail Stores Based on YOLOv11		Aug-2025
12	BIG-25-0009	Comparing Machine Learning-Based Crime Hotspots Versus Police Districts: What's the Best Approach for Crime Forecasting?		Jul-2025
13	BIG-25-0012	Automated Cardiac Disease Prediction Using Composite GAN and DeepLab Model		Jul-2025
14	BIG-25-0023	Power Transmission Corridors Wildfire Detection for Multi-Scale Fusion and Adaptive Texture Learning Based on Transformers		Jul-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
15	BIG-25-0028	Optimizing Multimodal Data Queries in Data Lakes		Jul-2025
16	BIG-25-0021	Deep Learning-Driven Labor Education and Skill Assessment: A Big Data Approach for Optimizing Workforce Development and Industrial Relations		Jun-2025
17	BIG-25-0025	Systemic Analysis of the QS International Research Network Indicator Using Big Data: Regional Inequalities and Recommendations for Improved University Rankings		Jun-2025
18	BIG-25-0026	Online Self-Training Driven Attention-Guided Self-Mimicking Network for Semantic Segmentation		Jun-2025
19	BIG-25-0006	Para-YOLO: An Efficient High-Parameter Low-Computation Algorithm Based on YOLO11n for Remote Sensing Object Detection		Jun-2025
20	BIG-25-0013	A Full Perception Layered Convolution Network for UAV Point Clouds Data Towards Landslide Crack Detection		May-2025
21	BIG-25-0016	Cauchy-Lanczos Algorithm for Effective Dimension Reduction		May-2025
22	BIG-25-0020	Road Perception for Autonomous Driving: Pothole Detection in Complex Environments Based on Improved YOLOv8		May-2025
23	BIG-25-0001	Ball Bearing Fault Diagnosis Based on Hybrid Adversarial Learning		Apr-2025
24	BIG-25-0022	IDBR: Interaction-Aware Dual-Granularity Learning for Bundle Recommendation		Apr-2025
25	BIG-25-0015	Toward an Integrated Intelligent Framework for Crowd Control and Management (IICCM)		Mar-2025
26	BIG-25-0007	Optimal Subdata Selection for Prediction Based on the Distribution of the Covariates		Mar-2025
27	BIG-25-0018	Comparative Study of Portfolio Optimization Models for Cryptocurrency and Stock Markets		Mar-2025
28	BIG-25-0010	ATT-BLKAN: A Hybrid Deep Learning Model Combining Attention is Used to Enhance Business Process Prediction		Feb-2025
29	BIG-25-0003	DataLab as a Service: Distributed Computing Framework for Multi-Interactive Analysis Environments		Jan-2025
30	BIG-25-0005	NeuralACT: Accounting Analytics Using Neural Network for Real-Time Decision Making From Big Data		Jan-2025
31	BIG-25-0008	A Heterogeneous Ensemble Learning Method Combining Spectral, Terrain, and Texture Features for Landslide Mapping		Jan-2025
32	BIG-25-0004	The Role of Big Data Analytics in Revolutionizing Diabetes Management and Healthcare Decision-Making		Jan-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
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IEEE Cloud Computing Domain Project Titles



Have your own project idea?

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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
1	CLC-25-0022	Cache Contention Aware Virtual Machine Placement and Mitigation Using Adaptive ABC Algorithm		Jun-2025
2	CLC-25-0021	Incentive Mechanism for Data Sharing in Smart Manufacturing Under the Industrial Internet		Jun-2025
3	CLC-25-0023	ODACE-RMS: A Remote Web-Based Platform for Automated Multi-Device Android Testing and Certification		Jun-2025
4	CLC-25-0018	Cloud-Enabled Predictive Modeling of Mental Health Using Ensemble Machine Learning Models and AES-256 Security		Aug-2025
5	CLC-25-0003	Edge Server Placement and Task Allocation for Maximum Delay Reduction		Jul-2025
6	CLC-25-0001	Scalable Cold-Start Optimization in Serverless Computing: Leveraging Function Fusion With PanOpticon Simulator		Jul-2025
7	CLC-25-0020	vConnect: V2V Connectivity Prediction and Independent Task Offloading Framework in Vehicular Edge Computing		Jul-2025
8	CLC-25-0009	Optimizing Predictive Maintenance in Industrial IoT Cloud Using Dragonfly Algorithm		Jun-2025
9	CLC-25-0002	Novel Unsupervised Cluster Reinforcement Q-Learning in Minimizing Energy Consumption of Federated Edge Cloud		May-2025
10	CLC-25-0007	Dynamic Threshold-Based Resource Management for Fog Computing Environments		May-2025
11	CLC-25-0010	Time-Triggered Task Offloading Scheduling in TSN-Based Edge Computing Power Networks		May-2025
12	CLC-25-0013	End-to-End Learning Framework Incorporating Image Reconstruction and Recognition Models		Apr-2025
13	CLC-25-0008	Intent-Based Multi-Cloud Storage Management Powered by a Fine-Tuned Large Language Model		Apr-2025
14	CLC-25-0019	Optimizing Resource Allocation and Task Offloading in Multi-UAV MEC Networks		Apr-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
15	CLC-25-0006	Corrections to "Predictive Energy Management for Docker Containers in Cloud Computing: A Time Series Analysis Approach"		Apr-2025
16	CLC-25-0017	ChunkFunc: Dynamic SLO-Aware Configuration of Serverless Functions		Apr-2025
17	CLC-25-0011	A Game Theoretical Priority-Aware R2V Task Offloading Framework for Vehicular Fog Networks		Mar-2025
18	CLC-25-0016	Non-Redundant Feature Extraction in Mobile Edge Computing		Mar-2025
19	CLC-25-0014	Resource Adaptive Automated Task Scheduling Using Deep Deterministic Policy Gradient in Fog Computing		Feb-2025
20	CLC-25-0012	Efficient Task Scheduling and Load Balancing in Fog Computing for Crucial Healthcare Through Deep Reinforcement Learning		Feb-2025
21	CLC-25-0015	Response Time Analysis With Cause-Effect Chain Considering DAG Structure and High-Load Tasks		Jan-2025
22	CLC-25-0005	Power Controlled Resource Allocation and Task Offloading via Optimized Deep Reinforcement Learning in D2D Assisted Mobile Edge Computing		Jan-2025
23	CLC-25-0004	A Verifiable and Secure Industrial IoT Data Deduplication Scheme With Real-Time Data Integrity Checking in Fog-Assisted Cloud Environments		Jan-2025





IEEE Cloud Security Domain Project Titles



Have your own project idea?

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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
1	CLS-25-0020	Holistic Cyber Risk Assessment in the Cloud Continuum: A Multi-Layer, Multi-Domain Approach		Oct-2025
2	CLS-25-0021	Noise-Augmented Transferability: A Low-Query-Budget Transfer Attack on Android Malware Detectors		Oct-2025
3	CLS-25-0011	Metasurface-Enabled Honey Encryption: A New Paradigm for Secure Data Transmission		Sep-2025
4	CLS-25-0012	A Multi-Factor Authentication Method for Power Grid Terminals Based on Edge Computing Paradigm		Sep-2025
5	CLS-25-0019	Deep Transfer Learning for Intrusion Detection in Edge Computing Scenarios		Aug-2025
6	CLS-25-0022	A Timed-Permission Access Control Profile Within MARTE		Aug-2025
7	CLS-25-0014	Cybersecurity in Cloud Computing AI-Driven Intrusion Detection and Mitigation Strategies		Jun-2025
8	CLS-25-0013	Cloud-Fog Automation: The New Paradigm Toward Autonomous Industrial Cyber-Physical Systems		May-2025
9	CLS-25-0016	Enhancing Property-Based Token Attestation With Homomorphic Encryption (PTA-HE) for Secure Mobile Computing		May-2025
10	CLS-25-0018	Decoding Phishing Evasion: Analyzing Attacker Strategies to Circumvent Detection Systems		Apr-2025
11	CLS-25-0023	Anomaly Detection and Root Cause Analysis in Cloud-Native Environments Using Large Language Models and Bayesian Networks		Apr-2025
12	CLS-25-0015	Touch of Privacy: A Homomorphic Encryption-Powered Deep Learning Framework for Fingerprint Authentication		Mar-2025
13	CLS-25-0017	Advancing Interoperable IoT-Based Access Control Systems: A Unified Security Approach in Diverse Environments		Feb-2025
14	CLS-25-0005	Fine-Grained and Lightweight Quantum-Resistant Access Control System With Efficient Revocation for IoT Cloud		Oct-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
15	CLS-25-0007	eBPF-Based Runtime Detection of Semantic DDoS Attacks in Linux Containers		Sep-2025
16	CLS-25-0002	SecFedMDM-1: A Federated Learning-Based Malware Detection Model for Interconnected Cloud Infrastructures		Jun-2025
17	CLS-25-0010	Bambda: A Real-Time Verification Framework for Serverless Computing		May-2025
18	CLS-25-0004	F-OSFA: A Fog Level Generalizable Solution for Zero-Day DDOS Attacks Detection		Apr-2025
19	CLS-25-0008	Sustainable AI With Quantum-Inspired Optimization: Enabling End-to-End Automation in Cloud-Edge Computing		Mar-2025
20	CLS-25-0006	A Privacy-Preserving Federated Learning With a Feature of Detecting Forged and Duplicated Gradient Model in Autonomous Vehicle		Feb-2025
21	CLS-25-0001	Understanding the Security Risks of Websites Using Cloud Storage for Direct User File Uploads		Feb-2025
22	CLS-25-0009	Enhancing Cloud Security: A Multi-Factor Authentication and Adaptive Cryptography Approach Using Machine Learning Techniques		Feb-2025
23	CLS-25-0003	Automated Fog Node Audit and Certification Scheme With Multiple Attestation Certificate Authorities		Jan-2025





IEEE Cybersecurity Domain Project Titles



Have your own project idea?

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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
1	CYS-25-0037	Integrating Sentiment Analysis With Machine Learning for Cyberbullying Detection on Social Media	21%	Apr-2025
2	CYS-25-0048	Intrusion Detection in IoT and IIoT: Comparing Lightweight Machine Learning Techniques Using TON_IoT, WUSTL-IIOT-2021, and EdgelloTset Datasets	15%	Mar-2025
3	CYS-25-0049	HIDS-RPL: A Hybrid Deep Learning-Based Intrusion Detection System for RPL in Internet of Medical Things Network	10%	Feb-2025
4	CYS-25-0044	Beekeeper: Accelerating Honeypot Analysis With LLM-Driven Feedback		Sep-2025
5	CYS-25-0042	A Threat-Informed Approach to Malware Evasion Using DRM and TLS Callbacks		Sep-2025
6	CYS-25-0038	Enhancing Dynamic Malware Behavior Analysis Through Novel Windows Events With Machine Learning		Sep-2025
7	CYS-25-0045	A CUDA-Accelerated Hybrid CNN-DNN Approach for Multi-Class Malware Detection in IoT Networks		Aug-2025
8	CYS-25-0041	CAXF-LCCDE: An Enhanced Feature Extraction and Ensemble Learning Model for XSS Detection		Aug-2025
9	CYS-25-0043	OPTISTACK: A Hybrid Ensemble Learning and XAI-Based Approach for Malware Detection in Compressed Files		Jun-2025
10	CYS-25-0047	Guaranteed False Data Injection Attack Without Physical Model		Jun-2025
11	CYS-25-0039	Real-Time Automated Cyber Threat Classification and Emerging Threat Detection Framework		Jun-2025
12	CYS-25-0046	Multi-Tier HetNets With Random DDoS Attacks: Service Probability and User Load Analysis		Jun-2025
13	CYS-25-0052	Enhancing the Sustainability of Machine Learning-Based Malware Detection Techniques for Android Applications		Jun-2025
14	CYS-25-0040	LLM-MalDetect: A Large Language Model-Based Method for Android Malware Detection		Apr-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
15	CYS-25-0051	Cyber Attack Prediction: From Traditional Machine Learning to Generative Artificial Intelligence		Mar-2025
16	CYS-25-0050	Hybrid Rumor Debunking in Online Social Networks: A Differential Game Approach		Jan-2025
17	CYS-25-0031	Multi-Step LLM Pipeline for Enhancing TTP Extraction in Cyber Threat Intelligence		Oct-2025
18	CYS-25-0029	Enhancing the Survivability of Power Systems With Grid-Edge DERs Against DoS Attacks		Oct-2025
19	CYS-25-0022	A Self-Adaptive Intrusion Detection System for Zero-Day Attacks Using Deep Q-Networks		Oct-2025
20	CYS-25-0020	Intelligent Intrusion Detection Mechanism for Cyber Attacks in Digital Substations		Sep-2025
21	CYS-25-0026	ROBENS: A Robust Ensemble System for Password Strength Classification		Sep-2025
22	CYS-25-0001	Enhancing Remaining Useful Life Prediction Against Adversarial Attacks: An Active Learning Approach		Sep-2025
23	CYS-25-0024	Real-Time Detection and Multi-Class Classification of DGAs With HybridBERT		Sep-2025
24	CYS-25-0018	Lightweight End-to-End Patch-Based Self-Attention Network for Robust Image Forgery Detection		Sep-2025
25	CYS-25-0023	SB-Net: A Novel Spam Botnet Detection Scheme With Two-Stage Cascade Learner and Ensemble Feature Selection		Aug-2025
26	CYS-25-0034	Machine Learning for Early Detection of Phishing URLs in Parked Domains: An Approach Applied to a Financial Institution		Aug-2025
27	CYS-25-0006	ShellBox: Adversarially Enhanced LLM-Interactive Honeypot Framework		Aug-2025
28	CYS-25-0033	CAN-GraphiT: A Graph-Based IDS for CAN Networks Using Transformer		Jul-2025
29	CYS-25-0036	Integrating Sociocultural Intelligence Into Cybersecurity: A LESCANT-Based Approach for Phishing and Social Engineering Detection		Jun-2025
30	CYS-25-0032	DSEM-NIDS: Enhanced Network Intrusion Detection System Using Deep Stacking Ensemble Model		Jun-2025
31	CYS-25-0003	MalPacDetector: An LLM-Based Malicious NPM Package Detector		Jun-2025
32	CYS-25-0012	On the Validity of Traditional Vulnerability Scoring Systems for Adversarial Attacks Against LLMs		May-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
33	CYS-25-0009	AFD: Defending Convolutional Neural Networks Without Using Adversarial Samples		May-2025
34	CYS-25-0011	Deepfake Detection Using Spatio-Temporal-Structural Anomaly Learning and Fuzzy System-Based Decision Fusion		May-2025
35	CYS-25-0030	Intrusion Detection Using Hybrid Pearson Correlation and GS-PSO Optimized Random Forest Technique for RPL-Based IoT		May-2025
36	CYS-25-0019	Mixed-Embeddings and Deep Learning Ensemble for DGA Classification With Limited Training Data		Apr-2025
37	CYS-25-0015	Explainable Anomaly Detection Based on Operational Sequences in Industrial Control Systems		Apr-2025
38	CYS-25-0014	Deriving Usability Evaluation Criteria for Threat Modeling Tools		Apr-2025
39	CYS-25-0005	Multi-Stage Adversarial Defense for Online DDoS Attack Detection System in IoT		Apr-2025
40	CYS-25-0027	A Hybrid Graph-Based Risk Assessment and Attack Path Detection Model for IoT Systems		Apr-2025
41	CYS-25-0013	Dynamic Data Updates and Weight Optimization for Predicting Vulnerability Exploitability		Apr-2025
42	CYS-25-0002	Adaptive DDoS Attack Detection: Entropy-Based Model With Dynamic Threshold and Suspicious IP Reevaluation		Mar-2025
43	CYS-25-0035	MAD-CTI: Cyber Threat Intelligence Analysis of the Dark Web Using a Multi-Agent Framework		Mar-2025
44	CYS-25-0025	Finetuning Large Language Models for Vulnerability Detection		Feb-2025
45	CYS-25-0017	Protecting Industrial Control Systems From Shodan Exploitation Through Advanced Traffic Analysis		Feb-2025
46	CYS-25-0010	Evaluating Pretrained Deep Learning Models for Image Classification Against Individual and Ensemble Adversarial Attacks		Feb-2025
47	CYS-25-0004	The Role of Multiple Data Characteristics in EEG-Based Biometric Recognition: The Impact of States, Channels, and Frequencies		Feb-2025
48	CYS-25-0028	A Hybrid Deep Learning Model for Network Intrusion Detection System Using Seq2Seq and ConvLSTM-Subnets		Feb-2025
49	CYS-25-0021	Laser Guard: Efficiently Detecting Laser-Based Physical Adversarial Attacks in Autonomous Driving		Feb-2025
50	CYS-25-0007	Deep Learning-Based Vulnerability Detection Solutions in Smart Contracts: A Comparative and Meta-Analysis of Existing Approaches		Jan-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
51	CYS-25-0008	Transferability Evaluation in Wi-Fi Intrusion Detection Systems Through Machine Learning and Deep Learning Approaches		Jan-2025
52	CYS-25-0016	GNN-EADD: Graph Neural Network-Based E-Commerce Anomaly Detection via Dual-Stage Learning		Jan-2025





IEEE Networking Domain Project Titles



Have your own project idea?

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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
1	NET-25-0076	User Grouping and Resource Allocation for Uplink of MU-MIMO-OFDMA-Enabled WLAN Using Multi-Agent Reinforcement Learning		Nov-2025
2	NET-25-0075	Cluster-Based Machine Learning-Driven Routing for UAV Networks in 6G Environment		Oct-2025
3	NET-25-0073	NOMA Channel State Estimation: Deep Learning Approaches		Sep-2025
4	NET-25-0072	A Modified Min-Max Method With Adaptive Distance Adjustment for RSSI-Based Indoor Localization		Aug-2025
5	NET-25-0074	Automatic Modulation Recognition Based on Multi-Source Heterogeneous Networks		Aug-2025
6	NET-25-0070	Explainable AI for Enhancing Efficiency of DL-Based Channel Estimation		Aug-2025
7	NET-25-0071	Deep Compressed Sensing for Terahertz Ultra-Massive MIMO Channel Estimation		Feb-2025
8	NET-25-0064	Deep Reinforcement Learning-Driven Dynamic Spectrum Access in Dense Wi-Fi Environments		Oct-2025
9	NET-25-0018	LSTM With Bayesian Loss for Ordinal and Imbalanced Channel Quality Prediction		Oct-2025
10	NET-25-0049	Fuzzy Linear Programming Formulation for Time Prediction in Product Delivery		Oct-2025
11	NET-25-0042	A Pilot-Free Estimation Method of Fading Channel for Satellite Communication Based on Limited Intercept Samples		Sep-2025
12	NET-25-0050	Machine Learning-Driven Analysis of User Bandwidth Allocation and Performance in 5G Network		Sep-2025
13	NET-25-0028	Impulsive Gain-Focused Channel Selection Method for Wireless Underwater Optical Communications		Sep-2025
14	NET-25-0067	Reinforcement Learning With Clustering Optimization for Antenna Parameter Adjustment in HAPS Networks		Sep-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
15	NET-25-0022	Random Forests Relay Selector in Buffer-Aided Cooperative Networks		Sep-2025
16	NET-25-0039	A Diversified Tour-Driven Deep Reinforcement Learning Approach to Routing for Intelligent and Connected Vehicles		Sep-2025
17	NET-25-0048	Intelligent Handover Management in Ultra-Dense 5G Networks: A Deep Q-Learning-Based Prediction Model		Aug-2025
18	NET-25-0023	Macro-Level Energy Demand Model for Cellular Telecommunication Networks		Aug-2025
19	NET-25-0051	Reverse Engineering Segment Routing Policies and Link Costs With Inverse Reinforcement Learning and EM		Aug-2025
20	NET-25-0034	Integrating Machine Learning and Observational Causal Inference for Enhanced Spectral and Energy Efficiency in Wireless Networks		Aug-2025
21	NET-25-0029	Hybrid Model for 6G Network Traffic Prediction and Wireless Resource Optimization		Aug-2025
22	NET-25-0035	Simultaneous RIS Adjustment and Transmission Based on Markov Chain Monte Carlo and Simulated Annealing		Aug-2025
23	NET-25-0066	Pilot Allocation in Multi-Cell MIMO Systems Based on Missing Data Imputation		Jul-2025
24	NET-25-0027	Toward Sustainable 6G Cellular System Core-Network-Level Traffic Aggregation: An Empirical Study		Jul-2025
25	NET-25-0063	Dynamic Spectrum Coexistence of NR-V2X and Wi-Fi 6E Using Deep Reinforcement Learning		Jul-2025
26	NET-25-0069	Comparative Analysis of Machine Learning Algorithms for Antenna Alignments		Jul-2025
27	NET-25-0036	Machine Learning Aided Resilient Spectrum Surveillance for Cognitive Tactical Wireless Networks: Design and Proof-of-Concept		Jul-2025
28	NET-25-0047	Explainable AI for Spectral Analysis of Electromagnetic Fields		Jun-2025
29	NET-25-0010	Improved GNSS Positioning Schemes in Urban Canyon Environments		Jun-2025
30	NET-25-0040	Cooperative Communication Resources Scheduling of Satellite Network Using a Mixed Vector Encoding Heuristic Algorithm		Jun-2025
31	NET-25-0032	Improved Energy Efficient Anytime Optimistic Algorithm for PEGASIS to Extend Network Lifetime in Homogeneous and Heterogeneous Networks		Jun-2025
32	NET-25-0068	Guest Editorial Special Section on Generative AI and Large Language Models Enhanced 6G Wireless Communication and Sensing		Jun-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
33	NET-25-0055	Hybrid CNN-Ensemble Framework for Intelligent Optical Fiber Fault Detection and Diagnosis		Jun-2025
34	NET-25-0024	Wireless Control With Channel State Detection and Message Dropout Compensation		Jun-2025
35	NET-25-0052	Time Series Forecasting Based on Temporal Networks Evolution and Dynamic Constraints		Jun-2025
36	NET-25-0012	Impact of Channel and System Parameters on Performance Evaluation of Frequency Extrapolation Using Machine Learning		May-2025
37	NET-25-0038	A Hankelization-Based Neural Network-Assisted Signal Classification in Integrated Sensing and Communication Systems		May-2025
38	NET-25-0061	Goal-Oriented Interference Coordination in 6G In-Factory Subnetworks		May-2025
39	NET-25-0060	Joint Optimization of UAV Placement and Resource Allocation in FDMA Wireless-Powered Sensor Networks		May-2025
40	NET-25-0015	A Hybrid CT-DEWCA-Based Energy-Efficient Routing Protocol for Data and Storage Nodes in Underwater Acoustic Sensor Networks		May-2025
41	NET-25-0020	Spatial-Temporal Discretization Optimization in the Modeling of Optical and RF Wireless Networks		May-2025
42	NET-25-0011	An Innovative Adaptive Threshold-Based BESS Controller Utilizing Deep Learning Forecast for Peak Demand Reductions		May-2025
43	NET-25-0002	A Concept for Network Slicing in Wireless Mesh Networks		May-2025
44	NET-25-0030	Gaussian Q Function Approximation in Wireless Communication System's Design: A Gradient-Based Optimization Approach		May-2025
45	NET-25-0041	Unsupervised Learning for Distributed Downlink Power Allocation in Cell-Free mMIMO Networks		Apr-2025
46	NET-25-0025	Performance Analysis of SWIPT-Assisted Cooperative NOMA Network With Non-Linear EH, Interference, and Imperfect SIC		Apr-2025
47	NET-25-0007	ST-D3QN: Advancing UAV Path Planning With an Enhanced Deep Reinforcement Learning Framework in Ultra-Low Altitudes		Apr-2025
48	NET-25-0043	Hybrid Feed Forward Neural Networks and Particle Swarm Optimization for Intelligent Self-Organization in the Industrial Communication Networks		Apr-2025
49	NET-25-0057	Budget-feasible truthful mechanism for resource allocation and pricing in vehicle computing		Apr-2025
50	NET-25-0019	A TSN-Like Slot-Based Scheduler for Improved Wireless Quality and Platoon Formation in Smart Factories		Apr-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
51	NET-25-0053	Low-Latency and Energy-Efficient Federated Learning Over Cell-Free Networks: A Trade-Off Analysis		Mar-2025
52	NET-25-0017	Research Progress and Prospects of Pre-Training Technology for Electromagnetic Signal Analysis		Mar-2025
53	NET-25-0059	UAV-Assisted IRS System With Energy Harvesting: Enhanced Reliability in Critical Scenarios for 5G/6G Wireless Communication		Mar-2025
54	NET-25-0009	Stochastic Geometry Analysis of Reconfigurable Intelligent Surface-Assisted Millimeter-Wave Energy Harvesting Networks		Mar-2025
55	NET-25-0054	DOA Estimation by Feature Extraction Based on Parallel Deep Neural Networks and MRMR Feature Selection Algorithm		Mar-2025
56	NET-25-0004	Statistical Precoder Design in Multi-User Systems via Graph Neural Networks and Generative Modeling		Feb-2025
57	NET-25-0065	Joint Estimation of CFO and Sparse Channel for High-Mobility RIS-Assisted MIMO-OFDMA Uplink System		Feb-2025
58	NET-25-0037	A Web-Based Solution for Federated Learning With LLM-Based Automation		Feb-2025
59	NET-25-0016	A Comparative Study of Network Slicing Techniques for Effective Utilization of Channel for 5G and Beyond 5G Networks		Feb-2025
60	NET-25-0045	Smart Packet Delivery in Mobile Underwater Sensors Networks (M-CTSP)		Feb-2025
61	NET-25-0001	Probabilistic Allocation of Payload Code Rate and Header Copies in LR-FHSS Networks		Feb-2025
62	NET-25-0033	Federated Learning-Based Collaborative Wideband Spectrum Sensing and Scheduling for UAVs in UTM Systems		Feb-2025
63	NET-25-0008	Provisioning of Time-Sensitive and Non-Time-Sensitive Flows With Assured Performance		Feb-2025
64	NET-25-0046	Deep Reinforcement Learning-Based Resource Allocation for QoE Enhancement in Wireless VR Communications		Feb-2025
65	NET-25-0031	Optimizing Energy and Spectral Efficiency in Mobile Networks: A Comprehensive Energy Sustainability Framework for Network Operators		Jan-2025
66	NET-25-0058	Energy Efficient Tree-Based Routing Algorithm for Wireless Sensor Networks		Jan-2025
67	NET-25-0056	Coverage Probability of RIS-Assisted Wireless Communication Systems With Random User Deployment Over Nakagami- m Fading Channel		Jan-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
69	NET-25-0006	Vehicle-to-Vehicle Communication Channel Estimator Based on Gate Recurrent Unit		Jan-2025
70	NET-25-0021	Performance Analysis of Active RIS-Assisted Downlink NOMA With Transmit Antenna Selection		Jan-2025
71	NET-25-0005	Resource Scheduling in MU-MIMO and NOMA Enabled Integrated Access and Backhaul Networks		Jan-2025
72	NET-25-0003	Geographical Fairness in Multi-RIS-Assisted Networks in Smart Cities: A Robust Design		Jan-2025
73	NET-25-0044	Minimizing Power Consumption and Interference Mitigation of Downlink NOMA HetNets by IRS-Supported Aerial Base Stations		Jan-2025
74	NET-25-0013	Indoor mMTC Group Targets Localization in 5G Networks Based on Parallel Chaotic Stochastic Resonance Processing of Distance Estimation Between Terminals		Dec-2024
75	NET-25-0014	A Robust RIS-Enabled Spectrum Sensing Algorithm for Cognitive Radio Networks		Nov-2024
76	NET-25-0062	Combination of Phase Rotation SM-OOK and Rectangular, Cross, Octagonal SD-8QAMs for MIMO Systems		Sep-2024





IEEE Network Security Domain Project Titles



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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
1	NWS-25-0033	Physical Layer Security in RIS-Assisted THz-Enabled LEO Satellite Communications		Sep-2025
2	NWS-25-0031	A Novel SHIP Vector Machine for Network Intrusion Detection		Jul-2025
3	NWS-25-0028	On Spatial Correlation Properties in Rice Wireless Channels for Physical Layer Security		May-2025
4	NWS-25-0030	IoT Device Identification Techniques: A Comparative Analysis for Security Practitioners		May-2025
5	NWS-25-0029	Extending Secure Local5G Networking Over Transcontinental Network Slicing		Apr-2025
6	NWS-25-0034	Multi-Level Pre-Training for Encrypted Network Traffic Classification		Apr-2025
7	NWS-25-0032	CBCTL-IDS: A Transfer Learning-Based Intrusion Detection System Optimized With the Black Kite Algorithm for IoT-Enabled Smart Agriculture		Mar-2025
8	NWS-25-0009	GeoGuard: A Hybrid Deep Learning Intrusion Detection System With Integrated Geo-Intelligence and Contextual Awareness		Oct-2025
9	NWS-25-0026	Performance Analysis of Active RIS-Aided Wireless Communication Systems Over Nakagami- m Fading Channel		Sep-2025
10	NWS-25-0015	Spectrum Anomaly Detection Using Deep Neural Networks: A Wireless Signal Perspective		Aug-2025
11	NWS-25-0022	Securing 5G and Beyond-Enabled UAV Links: Resilience Through Multiagent Learning and Transformers Detection		Aug-2025
12	NWS-25-0005	Enhanced Intrusion Detection via Hybrid Data Resampling and Feature Optimization		Aug-2025
13	NWS-25-0016	Robust and Privacy-Preserving Federated Learning Against Malicious Clients: A Bulyan-Based Adaptive Differential Privacy Framework		Aug-2025
14	NWS-25-0001	Experimental Demonstrations of Chaotic Digital Filter-Based Physical Layer Security in Converged Fibre-mmWave Access Networks		Aug-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
15	NWS-25-0024	Federated Learning for Distributed IoT Security: A Privacy-Preserving Approach to Intrusion Detection		Jul-2025
16	NWS-25-0007	Reinforcement Learning-Driven Secrecy Energy Efficiency Maximization in RIS-Enabled Communication Systems		Jul-2025
17	NWS-25-0010	Optimal ACL Policy Placement in Hybrid SDN Networks: A Reinforcement Learning Approach		Jul-2025
18	NWS-25-0004	Enhancing MANET Security Through Long Short-Term Memory-Based Trust Prediction in Location-Aided Routing Protocols		Jul-2025
19	NWS-25-0006	Exploiting Opportunistic Scheduling Schemes on Cooperative NOMA Networks Under Active Eavesdropper		Jun-2025
20	NWS-25-0014	Secure and Efficient maTLS With Proxy Signature Scheme		Jun-2025
21	NWS-25-0002	Spatial-Temporal Cooperative In-Vehicle Network Intrusion Detection Method Based on Federated Learning		Jun-2025
22	NWS-25-0021	Compressed Speech Steganalysis Through Deep Feature Extraction Using 3D Convolution and Bi-LSTM		May-2025
23	NWS-25-0011	SDN Controller Selection and Secure Resource Allocation		Apr-2025
24	NWS-25-0003	ConvGRU: A Lightweight Intrusion Detection System for Vehicle Networks Based on Shallow CNN and GRU		Apr-2025
25	NWS-25-0027	Protection Against Poisoning Attacks on Federated Learning-Based Spectrum Sensing $\$ \$ \$ \setminus \lg \$ \$ \$ \} \}$?>		Apr-2025
26	NWS-25-0012	BLE Channel Sounding: Novel Method for Enhanced Ranging Accuracy in Vehicle Access		Apr-2025
27	NWS-25-0013	Post-Quantum Wireless-Based Key Encapsulation Mechanism via CRYSTALS-Kyber for Resource-Constrained Devices		Apr-2025
28	NWS-25-0019	Intrusion Detection in IoT Networks Using Dynamic Graph Modeling and Graph-Based Neural Networks		Apr-2025
29	NWS-25-0008	Evaluating ORB and SIFT With Neural Network as Alternatives to CNN for Traffic Classification in SDN Environments		Mar-2025
30	NWS-25-0018	Interval Secure Event-Triggered Control of Hybrid Power System Under DoS Attack		Mar-2025
31	NWS-25-0017	Secured Wireless Communications Using Multiple Active and Passive Intelligent Reflecting Surfaces		Feb-2025
32	NWS-25-0023	Anomaly Detection-Based UE-Centric Inter-Cell Interference Suppression		Feb-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
33	NWS-25-0025	Ensemble Network Graph-Based Classification for Botnet Detection Using Adaptive Weighting and Feature Extraction		Feb-2025
34	NWS-25-0020	Routing and Wavelength Assignment in Hybrid Networks With Classical and Quantum Signals		Jan-2025





IEEE Information Security Domain Project Titles



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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
1	INS-25-0033	Global-Local Ensemble Detector for AI-Generated Fake News	18%	Apr-2025
2	INS-25-0036	Key-Audit Chain (KAC): A Resilient and Reliable Key Management Framework for DID-Based Decentralized Environments		Aug-2025
3	INS-25-0038	Detecting Information Flow Security Vulnerabilities by Analysis Coupling		Jul-2025
4	INS-25-0039	A Secure COVID Affected CT Scan Image Encryption Scheme Using Hybrid MLSCM for IoMT Environment		May-2025
5	INS-25-0035	GNSTAM: Integrating Graph Networks With Spatial and Temporal Signature Analysis for Enhanced Android Malware Detection		May-2025
6	INS-25-0034	DOG: An Object Detection Adversarial Attack Method		Feb-2025
7	INS-25-0037	A Tensor-Based Go Decomposition Method for Hyperspectral Anomaly Detection		Jan-2025
8	INS-25-0012	Security Analysis and Performance Evaluation of Certificateless Proxy Re-Encryption for Blockchain Applications		Sep-2025
9	INS-25-0027	Post-Quantum Authentication Framework Based on Iris Recognition and Homomorphic Encryption		Sep-2025
10	INS-25-0014	5G-MobiCare: A Secure 5G Assisted Remote Mobile Health Monitoring Platform		Jul-2025
11	INS-25-0010	A Trust-By-Learning Framework for Secure 6G Wireless Networks Under Native Generative AI Attacks		Jul-2025
12	INS-25-0020	Pre-Processing-Based Walsh Code With Switched System in Secure Image Steganography Enhancement		Jul-2025
13	INS-25-0015	Integrated Feature-Temporal GAN for Imbalanced Transaction Fraud Detection		Jul-2025
14	INS-25-0003	Leveraging RAG and LLMs for Access Control Policy Extraction From User Stories in Agile Software Development		Jul-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
15	INS-25-0002	Guardian Shield: Safeguarding Patient Data Integrity in Healthcare Systems		Jul-2025
16	INS-25-0030	Linear and Numerical SDoF Bounds of Active RIS-Assisted MIMO Wiretap Interference Channel		Jun-2025
17	INS-25-0025	A Self-Sovereign Identity-Based Authentication and Reputation Protocol for IoV Applications		Jun-2025
18	INS-25-0018	Semantic-Retention Attack for Continual Named Entity Recognition		Jun-2025
19	INS-25-0017	AGU2-Net: Multi-Scale U2-Net Enhanced by Attention Gate Mechanism for Image Tampering Localization		Jun-2025
20	INS-25-0029	Security-Enhanced Image Encryption: Combination of S-Boxes and Hyperchaotic Integrated Systems		Jun-2025
21	INS-25-0008	Enhanced Consumer Healthcare Data Protection Through AI-Driven TinyML and Privacy-Preserving Techniques		May-2025
22	INS-25-0019	A Novel Polynomial Activation for Audio Classification Using Homomorphic Encryption		May-2025
23	INS-25-0028	A Federated Explainable AI Framework for Smart Agriculture: Enhancing Transparency, Efficiency, and Sustainability		May-2025
24	INS-25-0005	A Novel DNA Techniques to Strengthen Cryptographic Permutation Tables in Encryption Algorithm		May-2025
25	INS-25-0007	Joint Encryption and Optimization for 6G MEC-Enabled IoT Networks		Apr-2025
26	INS-25-0004	Comments on "Exploring Secure V2X Communication Networks for Human-Centric Security and Privacy in Smart Cities"—Privacy-Preserving Certificate in V2X Communications		Apr-2025
27	INS-25-0016	SecureFedPROM: A Zero-Trust Federated Learning Approach With Multi-Criteria Client Selection		Apr-2025
28	INS-25-0026	RSTHFS: A Rough Set Theory-Based Hybrid Feature Selection Method for Phishing Website Classification		Apr-2025
29	INS-25-0031	New Composite Chaotic Map Applied to an Image Encryption Scheme in Cybersecurity Applications		Apr-2025
30	INS-25-0013	Multi-Channel Multi-Protocol Quantum Key Distribution System for Secure Image Transmission in Healthcare		Apr-2025
31	INS-25-0021	Uncoordinated Syntactic Privacy: A New Composable Metric for Multiple, Independent Data Publishing		Mar-2025
32	INS-25-0001	Optimizing Secure Multi-User ISAC Systems With STAR-RIS: A Deep Reinforcement Learning Approach for 6G Networks		Feb-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
33	INS-25-0011	An Efficient and Privacy-Preserving Federated Learning Approach Based on Homomorphic Encryption		Jan-2025
34	INS-25-0006	On Strong Secrecy for Multiple Access Channels With States and Causal CSI		Jan-2025
35	INS-25-0009	Multi-Modal Biometric Authentication: Leveraging Shared Layer Architectures for Enhanced Security		Jan-2025
36	INS-25-0032	Multiauthority KP-ABE access model with elliptic curve cryptography		Jan-2025
37	INS-25-0022	Ad Click Fraud Detection Using Machine Learning and Deep Learning Algorithms		Jan-2025
38	INS-25-0024	An Efficient Malware Detection Approach Based on Machine Learning Feature Influence Techniques for Resource-Constrained Devices		Jan-2025
39	INS-25-0023	Analysis of Standards-Based Counterfeit Microelectronics Detection Methods		Jan-2025





IEEE Blockchain Domain Project Titles



Have your own project idea?

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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
1	BLC-25-0023	Empowering P2P Energy Networks: A Blockchain-Based Multi-Parameter Reputation Management System for Grid Enhancement		Aug-2025
2	BLC-25-0027	A Cyber Secure and Scalable Blockchain-Based Framework for Monitoring and Controlling Distributed Energy Resources		Aug-2025
3	BLC-25-0024	Lightweight Blockchain for Authentication and Authorization in Resource-Constrained IoT Networks		Mar-2025
4	BLC-25-0025	Toward Secure and Transparent Global Authentication: A Blockchain-Based System Integrating Biometrics and Subscriber Identification Module		Mar-2025
5	BLC-25-0026	BlockMEDC: Blockchain Smart Contracts System for Securing Moroccan Higher Education Digital Certificates		Feb-2025
6	BLC-25-0028	Blockchain-Based Anonymous Reputation System for Performance Appraisal		Jan-2025
7	BLC-25-0021	A Weighted Two-Hop Raft Consensus Mechanism for Large-Scale Agricultural Products Traceability		Aug-2025
8	BLC-25-0018	Blockchain-Based Governance for Autonomous Weapon Systems		Aug-2025
9	BLC-25-0010	Tracing Components in e-Supply Chain at Open Marketplace Using Lightweight Consensus and Semi-Fungible Tokens		Aug-2025
10	BLC-25-0002	A Comparative Analysis of Blockchain-Smart Contracts-ERP Integration Strategies for Supply Network (SN) Collaboration		Aug-2025
11	BLC-25-0003	Reconfigurable Production Lines for Industrial 5.0 Automation: An Intent-Based Approach		Aug-2025
12	BLC-25-0004	Trusted Blockchain-Based Clinical Decision and Medication Management System for Movement Disorders		Aug-2025
13	BLC-25-0016	Decentralized Digital Product Passport Building Blocks for Enhancing Supply Chain Sovereignty and Circular Economy Practices		Aug-2025
14	BLC-25-0017	Ethereum Blockchain Interconnectivity for Dynamic and Privacy-Preserving Access Control		Jun-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
15	BLC-25-0022	BEATS: Practical Audit Trail in Blockchain Systems		Jun-2025
16	BLC-25-0020	Toward Compliance and Transparency in Raw Material Sourcing With Blockchain and Edge AI		Jun-2025
17	BLC-25-0007	Blockchain and IoT-Driven Sustainable Battery Recycling: Integration and Challenges		Jun-2025
18	BLC-25-0008	Smart Contract-Based Peer-to-Peer Energy Token Trading for Self-Decisive Retailers and Prosumers With Flexible Loads		May-2025
19	BLC-25-0015	Lightweight Blockchain for Data Integrity and Traceability in IoT Networks		May-2025
20	BLC-25-0014	SPUFChain: Permissioned Blockchain Lightweight Authentication Scheme for Supply Chain Management Using PUF of IoT		May-2025
21	BLC-25-0006	Optimization of the Traceability of Perishable Products Through Light Blockchain and IoT in the Food Industry		Apr-2025
22	BLC-25-0012	Formal Specification and Verification of Smart Contract-Based Loan Management System Using TLA+		Apr-2025
23	BLC-25-0013	BP-Vot: Blockchain-Based e-Voting Using Smart Contracts, Differential Privacy, and Self-Sovereign Identities		Mar-2025
24	BLC-25-0019	Evaluation of Blockchain-Based Tracking and Tracing System With Uncertain Information: A Multi-Criteria Decision-Making Approach		Feb-2025
25	BLC-25-0009	Enhancing Digital Identity and Access Control in Event Management Systems Using Sui Blockchain		Feb-2025
26	BLC-25-0001	New Energy Vehicles' Technological Innovation Strategy Under Dual Credit Policy: The Role of Blockchain Adoption and Demand Information Sharing		Feb-2025
27	BLC-25-0011	Blockchain-Assisted Generation Rescheduling in Imperfect Market Environments		Jan-2025
28	BLC-25-0005	Cooperative Behaviors and Multienergy Coupling Through Distributed Energy Storage in the Peer-to-Peer Market Mechanism		Jan-2025





IEEE Android Domain Project Titles



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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
1	AND-25-0016	Enhanced Phishing Detection Approach Using a Layered Model: Domain Squatting and URL Obfuscation Identification and Lexical Feature-Based Classification		Oct-2025
2	AND-25-0013	XAI-SkinCADx: A Six-Stage Explainable Deep Ensemble Framework for Skin Cancer Diagnosis and Risk-Based Clinical Recommendations		Oct-2025
3	AND-25-0010	Optimum Scheduling of Truck-Based Mobile Energy Couriers (MEC) Using Deep Deterministic Policy Gradient		Sep-2025
4	AND-25-0015	Indoor Localization Using Smartphone Magnetic Sensor Data: A Bi-LSTM Neural Network Approach		Sep-2025
5	AND-25-0007	Enhancing Image Quality by Optimizing and Fine-Tuning Multi-Fidelity Generative Adversarial Networks		Jul-2025
6	AND-25-0009	PASS-SAM: Integration of Segment Anything Model for Large-Scale Unsupervised Semantic Segmentation		May-2025
7	AND-25-0012	DRL-Based Task Offloading and Resource Allocation Strategy for Secure V2X Networking		May-2025
8	AND-25-0008	Chinese Image Captioning Based on Deep Fusion Feature and Multi-Layer Feature Filtering Block		Apr-2025
9	AND-25-0011	Reinforcement Learning-Driven Task Offloading and Resource Allocation in Wireless IoT Networks		Apr-2025
10	AND-25-0006	RAI-Net: Tomato Plant Disease Classification Using Residual-Attention-Inception Network		Apr-2025
11	AND-25-0004	Enhancing Object Detection in Assistive Technology for the Visually Impaired: A DETR-Based Approach		Apr-2025
12	AND-25-0005	Multi-Stage Neural Network-Based Ensemble Learning Approach for Wheat Leaf Disease Classification		Feb-2025
13	AND-25-0014	Hybrid Henry Gas-Harris Hawks Comprehensive-Opposition Algorithm for Task Scheduling in Cloud Computing		Jan-2025
14	AND-25-0002	Machine Learning Model for Road Anomaly Detection Using Smartphone Accelerometer Data		Jul-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
15	AND-25-0001	MobilitApp: A Deep Learning-Based Tool for Transport Mode Detection to Support Sustainable Urban Mobility		Apr-2025
16	AND-25-0003	Enhancing Mobile App Recommendations With Crowdsourced Educational Data Using Machine Learning and Deep Learning		Feb-2025





IEEE IoT Domain Project Titles



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S No	Wisen Code	IEEE Project Title	Disc %	Published Year
1	IOT-25-0023	TwinGuard: A Supervised Machine Learning Framework for DoS Attack Detection in IoT-Enabled Digital Twins Using Random Forest and Feature Selection Optimization	20%	Nov-2025
2	IOT-25-0022	MCRel: A Minimal Cut Set-Based Approach for Reliability Analysis of Sensor-Based IIoT		Nov-2025
3	IOT-25-0018	IoT and Machine Learning for the Forecasting of Physiological Parameters of Crop Leaves		Sep-2025
4	IOT-25-0019	Discovery Latency Analysis of Ultra-Dense Internet-of-Things Networks		May-2025
5	IOT-25-0020	Federated Learning With Sailfish-Optimized Ensemble Models for Anomaly Detection in IoT Edge Computing Environment		Mar-2025
6	IOT-25-0021	Leveraging AI for Intrusion Detection in IoT Ecosystems: A Comprehensive Study		Mar-2025
7	IOT-25-0003	A Hybrid Priority-Laxity-Based Scheduling Algorithm for Real-Time Aperiodic Tasks Under Varying Environmental Conditions		Sep-2025
8	IOT-25-0007	Corrections to "IoT-Enabled Advanced Water Quality Monitoring System for Pond Management and Environmental Conservation"		Aug-2025
9	IOT-25-0017	CaMPASS-Net: A Deep Learning Framework on Capacity Maximization for MIMO Pinching Antenna Systems in IoT		Jul-2025
10	IOT-25-0015	Energy Efficiency of Substation Buildings Based on Low Power Analysis Technology		Jul-2025
11	IOT-25-0001	A Novel Hybrid Deep Learning-Based Framework for Intelligent Anomaly Detection in Smart Meters		Jun-2025
12	IOT-25-0002	PNet-IDS: A Lightweight and Generalizable Convolutional Neural Network for Intrusion Detection in Internet of Things		Jun-2025
13	IOT-25-0016	Leveraging Edge Intelligence for Solar Energy Management in Smart Grids		May-2025
14	IOT-25-0010	CPS-IIoT-P2Attention: Explainable Privacy-Preserving With Scaled Dot-Product Attention in Cyber-Physical System-Industrial IoT		May-2025





S No	Wisen Code	IEEE Project Title	Disc %	Month-Year
15	IOT-25-0013	Modeling Parking Occupancy Using Algorithm of 3D Visibility Network		Apr-2025
16	IOT-25-0006	Application of Multimodal Self-Supervised Architectures for Daily Life Affect Recognition		Apr-2025
17	IOT-25-0011	ML-Aided 2-D Indoor Positioning Using Energy Harvesters and Optical Detectors for Self-Powered Light-Based IoT Sensors		Mar-2025
18	IOT-25-0012	Smartphone Enabled Wearable Diabetes Monitoring System		Mar-2025
19	IOT-25-0009	Anomaly-Based Intrusion Detection for IoMT Networks: Design, Implementation, Dataset Generation, and ML Algorithms Evaluation		Mar-2025
20	IOT-25-0005	Simple Yet Powerful: Machine Learning-Based IoT Intrusion System With Smart Preprocessing and Feature Generation Rivals Deep Learning		Mar-2025
21	IOT-25-0004	Hierarchical Clustering-Based Algorithm for Deployment Planning of LoRa Gateway		Feb-2025
22	IOT-25-0008	A Physics-Based Hyper Parameter Optimized Federated Multi-Layered Deep Learning Model for Intrusion Detection in IoT Networks		Jan-2025
23	IOT-25-0014	IoT-Enabled Adaptive Watering System With ARIMA-Based Soil Moisture Prediction for Smart Agriculture		Jan-2025

