



Advanced Trends in Engineering Sciences & Technology (ATEST-2K26)

Off-Line PAPER PRESENTATION SCHEDULE 1 & 2 APRIL -2026

Department of ECE & EEE

S.N O	PAPER ID	Name of the Author	Paper Title	Time Slot	Hall No	Day 1 / 2
1	ATEST-2K26-ECE-001	SHAIK JOHN SYDHA S. Keerthana CH. Akhila P. Sonia patan D. Rohini K. Mohan babu	FACE RECOGNITION BASED ATTENDANCE SYSTEM	12.00-12.10 PM	G-003	DAY-1
2	ATEST-2K26-ECE-002	Dr. MANJUNATH B E TUNGALA AKANKSHA GUDURI HEMA DURGA LAKSHMI REDDEM VAISHNAVI KARRA SANDEEP CHINAPANA HARIKRISHNA	DESIGN AND IMPLEMENTATION OF WALLACE TREE MULTIPLIER	12.10-12.20 PM	G-003	DAY-1
3	ATEST-2K26-ECE-003	Dr. P VAMSI KRISHNA YAKKATI DHANA LAKSHMI MANIKINDA BALAJI BATTA MOUNICA SRI GUTHALA AKHIL	FPGA BASED 32-BIT RIPPLE LING HYBRID CARRY ADDER	12.20-12.30 PM	G-003	DAY-1

4	A TEST-2K26-ECE-004	Er. V V G S RAJENDRA PRASAD MADASU PRAVEENASRI SHAIK RESHMA V MOKSHAGNA CHOWDARY CH SIVA SHANKAR NAIDU	A LIGHTWEIGHT IMAGE ENCRYPTION ALGORITHM BASED ON SECURE KEY USING AES WITH BKG & KEY-DEPENDENT S-BOX	12.30-12.40 PM	G-003	DAY-1
5	A TEST-2K26-ECE-005	Mr. V N M SARMA YANDAPALLI PENTAKOTA DURGA PRASAD S SHANMUGAM YOGITHA BOYA GURU PRASAD R SAINARAYANA RAJU	Low Power Crypto-Chip Design for IoT Applications Using RSA	12.40-12.50 PM	G-003	DAY-1
6	A TEST-2K26-ECE-006	Mr. P PRABHAKAR RAO SAMSANI VENKATA SAI KUMAR NALLAREDDY SRINIVASA REDDY NARAMALA SRIHARSHITHA GADDIPATI LALITHA PRIYADARSINI	Health Monitoring and Prediction System Using ESP32 and Python	12.50-1.00 PM	G-003	DAY-1
7	A TEST-2K26-ECE-007	Mr. M NARASIMHA RAO SURE SUJITHA VIVEKANANDA REDDY BOYILLA BANDI GANGA BHAVANI MANIGANTI AJAY BABU	AUTOMATIC INDIAN SIGN LANGUAGE TRANSLATOR USING PHRASE-BASED MACHINE TRANSLATION (PBMT)	1.00-1.10 PM	G-003	DAY-1
8	A TEST-2K26-ECE-008	Dr. MANJUNATH B E DEVIREDDY AKSHITHA YALAMANCHI BHULOK PRASAD BOMMISETTI SRI LAKSHMI PUJARI ASHOK	FPGA IMPLEMENTATION OF IMAGE ENHANCEMENT USING VERILOG HDL	1.10-1.20 PM	G-003	DAY-1

9	A TEST-2K26-ECE-009	Mrs. O MOUNIKA KATHI PRABHAKAR VEDURU NAVYA BURAGAPALLI NAGA LAKSHMI VARUGU NAVEEN KUMAR	A HIGH-SPEED FLOATING- POINT MULTIPLIER BASED ON FPGA'S	1.20-1.30 PM	G-003	DAY-1
10	A TEST-2K26-ECE-010	Mrs. S SHAFEENA BEGUM LAKKINENI INDIRA BALUGURI JOSHNA DUGGIPOGU VIJAYA SRI GANTA SWAPNA	PLANT LEAF DISEASE DETECTION USING YOLOV8 AND CNN	1.30-1.40 PM	G-003	DAY-1
11	A TEST-2K26-ECE-011	Er. V V G S RAJENDRA PRASAD MANDELA JANESWARI KODATI SIVA KUMARI LINGAVARAPU VAMSI KANCHARLA VISHNU VARDHAN	POTHOLE DETECTION USING CNN-BASED MODIFIED AQUILA OPTIMIZATION ALGORITHM WITH RASPBERRY PI	1.40-1.50 PM	G-003	DAY-1
12	A TEST-2K26-ECE-012	Mr. V N M SARMA YANDAPALLI PULI MAHENDRA REDDDY KANKANALA SAI KIRAN NUNSAVATH ANJI KUMAR NAIK B VENKATACHANDRA KIRAN	AI-Based Smart Irrigation and Plant Health Monitoring System	1.50-2.00 PM	G-003	DAY-1
13	A TEST-2K26-ECE-013	Mr. SK JOHN SYDHA DAMARLA PAVAN SATHISH PORUMALLA BHAGYA SRI PETLURI HARSHAVARDAN VASILA CHIRANJEEVI	High-Performance FPGA Realization of a LeNet CNN for Image Classification	3.00-3.10 PM	G-003	DAY-1

14	AATEST-2K26-ECE-014	Dr. P VAMSI KRISHNA BODDU SRINIVASA RAO AKURATHI NAGA DEVI UPENDRAM YASASWINI GUNUPATI PRATHYUSHA P CHAITANYA SATYANADH	Python-Based Skin Disease Detection System Using Convolutional Neural Networks	3.10-3.20 PM	G-003	DAY-1
15	AATEST-2K26-ECE-015	Er. V V G S RAJENDRA PRASAD IMMADI BALA NAGA PRAVEEN AKULA SUPRIYA BATTULA PREMCHANDU A VENKATESWARA RAO	AN IMPROVED SINGLE IMAGE- BASED DEHAZING TECHNIQUE USING CONVOLUTIONAL NEURAL NETWORKS, DF OPTIMIZATION ALGORITHM AND FIREFLY OPTIMIZATION ALGORITHM	3.20-3.30 PM	G-003	DAY-1
16	AATEST-2K26-ECE-016	Dr. MANJUNATH B E Mrs. M MONIKA DEVI	Intelligent Farming: Machine Learning for Optimal Crop Recommendations	3.30-3.40 PM	G-003	DAY-1
17	AATEST-2K26-ECE-017	Mr. SK JOHN SYDHA Ms. MADDALA SARIKA VANI	Energy-Efficient 4:2 Compressor Design Using Emerging Nano electronics Devices	3.40-3.50 PM	G-003	DAY-1
18	AATEST-2K26-ECE-018	Mrs. S SHAFEENA BEGUM Mr. P NARASIMHA RAO	Design of a Real-Time Predictive Maintenance System Using Machine Learning and IoT	3.50-4.00 PM	G-003	DAY-1
19	AATEST-2K26-ECE-019	Dr. P VAMSI KRISHNA Mrs. O MOUNIKA	CYBER THREAT DETECTION BASED ON ARTIFICIAL NEURAL NETWORKS USING EVENT PROFILES	4.00-4.10 PM	G-003	DAY-1

20	A TEST-2K26-ECE-020	Mr. V N M SARMA YANDAPALLI Er. V V G S RAJENDRA PRASAD	Next-Generation Smart Cities: An Edge Intelligence Approach to Latency-Aware Network Slicing	4.10-4.20 PM	G-003	DAY-1
21	A TEST-2K26-ECE-021	Er. V V G S RAJENDRA PRASAD Mr. P PRABHAKAR RAO	A Comprehensive Survey of Internet of Things (IoT): Applications, Challenges, and Future Directions	4.20-4.30 PM	G-003	DAY-1
22	A TEST-2K26-EEE-001	BERAKA MANIKANTA ,U.M.FAZIL & M.KARTHIK BABU	CASCADED TWO LEVEL INVERTER-BASED MULTILEVEL STATCOM FOR HIGH POWER APPLICATIONS	4.30-4.40 PM	G-003	DAY-1
23	A TEST-2K26-EEE-002	S.SHAIKSAVALI, P.PRUDHVI SAI, K.PAVANI & P.RAJESH	FAULT CURRENT INTERUPTION BY DYNAMIC VOLTAGE RESTORER	4.40-4.50 PM	G-003	DAY-1
24	A TEST-2K26-EEE-003	K.KRISHNA CHAITANYA, B.CYRIL & CHANDRA KIRAN	HARMONIC ELEMINATION IN SINGLE PHASE SYSTEMS BY MEANS OF HYBRID SERIES ACTIVE FILTER(HSAF)	4.50-5.00 PM	G-003	DAY-1
25	A TEST-2K26-EEE-004	Y.SUSHMA, V.TULASI RAM & N.AJITH KUMAR	ANALYSIS AND IMPLEMENTATION OF A NOVAL BIDIRECTIONAL DC- DC CONVERTER	5.00-5.10 PM	G-003	DAY-1
26	A TEST-2K26-EEE-005	I.SAI RAM & A.KIRANMAI	PHOTOVOLTAIC BURP CHARGE SYSTEM ON ENEGY SAVING CONFIGURATION	5.10-5.20 PM	G-003	DAY-1

27	ATEST-2K26-EEE-006	P.V.PATTABHI RAM & KVS PRERANA	A PERFORMANCE STUDY OF SERIES AND CASCADED Z – SOURCE INDIRECT SPARCE MATRIX CONVERTERS	5.20-5.30 PM	G-003	DAY-1
28	ATEST-2K26-EEE-007	K.NEELIMA & R.KRISHNAVENI	SIMULATION OF GRID TIED SOLAR PHOTOVOLTAIC SYSTEM FOR HOME APPLICATIONS USING MATLAB/SIMU LINK	5.30-5.40 PM	G-003	DAY-1
29	ATEST-2K26-EEE-008	B.VERA BABU	A NOVEL SINGLE -STAGE BUCK-BOOST TRANSFORMER LESS INVERTOR FOR 1-PHASE GRID CONNECTED SOLAR PV SYSTEMS	5.40-5.50 PM	G-003	DAY-1
30	ATEST-2K26-EEE-009	M.UDAY KIRAN & ARIF SHAIK	DISTRIBUTED INCREMENTAL ADAPTIVE FILTER CONTROLLED GRID INTERACTIVE RESIDENTIAL PHOTOVOLTAIC-BATTERY BASED MICRO GRID FOR RURAL ELECTRIFICATION	5.50-6.00 PM	G-003	DAY-1