

Track/ Session 1:		
Artificial Intelligence & Image Processing (LAB- 1 Computer Science Dept.)		
TIME (Hrs)	PAPER ID	PAPER TITLE
02:00	05	Agentic AI for Operational Efficiency in Small, Medium, and Micro Enterprises (SMMEs): A Systematic Review
02:15	04	The Use of Explainable AI in Cybersecurity: How to Make Intelligent Systems More Human-Friendly
02:30	06	Bridging the Gap: Integrating Socioeconomic Variables into Machine Learning Models for Enhanced Crop Yield Prediction
02:45	08	Artificial Intelligence-Assisted Assessment of SIP and VoIP Protocols in Multimedia Conferencing Environments
03:00	10	AI-Driven Hyderabad Banquets Reservation System
03:15	11	Predicting Early Heart Disease risk factors among young adults using Reinforcement Learning and Hybrid ML Model
03:30	13	Alzheimer's Disease Identification Using Weakly Supervised Learning And Segmentation Using 2d MRI Scans: A Step Towards Ai Driven Healthcare Ecosystem
03:45	16	Demystifying AI: Explainable AI in Healthcare – Building Trust Through Transparency
04:00	17	Drone Based Machine Learning Model for Smart Agricultural System:
04:15	29	Empowering Users: The Evolution of Human-Computer Interaction
	38	A Framework for AI-Guided Career Development: From Mindset to Startup Launch
Track/ Session 2: (LAB- 2 Computer Science Dept.)		
Data Science, Cybersecurity & Software Engineering		
TIME (Hrs)	PAPER ID	PAPER TITLE
02:00	07	Intelligent Data Engineering and Data Mining
02:15	02	Blockchain-Powered AI Security: A New Frontier in Data Protection
02:30	18	Optimizing Malware Detection A Study of Backtracking, Greedy, and Dynamic Programming Approaches
02:45	19	Enhancing Software Engineering System Through Outcome-Based Computer Science Models: Real-Time Implementation Analysis
03:00	21	Blockchain-Enabled Patient-Controlled Medical Data Authorization: A Decentralized Framework For Secure And Flexible Access Delegation
03:15	28	The Next Generation of Cybersecurity Addressing today's Digital Threats
03:30	31	Enhancing Cybersecurity In Cloud Computing Ecosystems Through Artificial Intelligence Techniques
03:45	32	In this era of digital device identity, unauthorized access of one digital device identity by stealing, hacking
04:00	33	Data Privacy, Cybersecurity, Image Processing, And Software Engineering
04:15	39	AI-Powered Cheating Detection System
04:30	40	Algorithmic Governance And Political Control: Navigating The Risks Of Data Privacy In Modern Democracies
Track/ Session 3: (LAB- 3 Computer Science Dept.)		
Mobile Computing Applications and Game Technology		
TIME (Hrs)	PAPER ID	PAPER TITLE
02:00	01	The Evolution and Impact of Mobile Computing in Modern Society
02:15	03	The 6G Architecture: AI, Edge Computing, and Quantum Communication

Note: Time followed in schedule is Pakistan Standard Time (GMT+5).
Link to respective online sessions will be sent to corresponding authors by email.

02:30	12	A VLAN-Based approach of Smart Building Connectivity and Security through 5G IoT Technologies
02:45	14	Smart Courier Service Management (SCSM): Using IoT and Android Application
03:00	15	NaviSense Smart Blind Stick: An IoT-Based Assistive Device for Enhancing Mobility and Safety of Visually Impaired Individuals
03:15	23	A Privacy Preserving Machine Learning and Deep Learning Framework Using CKKS-Based Fully Homomorphic Encryption and Differential Privacy for Secure 5G/6G Communication Systems
03:30	24	IoT based LPG Gas Leakage Detection, Alarming and Controlling System
03:45	25	Deep Reinforcement Learning (DRL) techniques on an openness of Open Radio Access Network (O-RAN) for Green 6G Network
04:00	26	Gamified Explainable AI Interfaces for Teaching AI Ethics to Teenagers
04:15	41	Applications and Security Challenges in Cyber- Physical Systems
Track/ Session 4: (LAB- 1: Information TechnologyDept.)		
ICT and Application		
TIME (Hrs)	PAPER ID	PAPER TITLE
02:00	22	Internet of Thing: For education as a smart and secure Bag- Tag for school's children monitoring and safety
02:15	09	Conventional Integrated Development Environments (IDEs)
02:30	30	Smart Water Motor System For Energy Saving With Iot Applications For Sustainable Development
02:45	35	Green IT in the Digital Age: Transforming Information Systems for a Sustainable Future
03:00	61	Green IT in the Digital Age: Transforming Information Systems for a Sustainable Future
03:15	62	A Human-Centered Design Frontier: Emotionally Adaptive UI Using Explainable AI
03:30		Intelligence Video Surveillance (IVS) System for Real-Time Analysis of Student Facial Expressions Using Image Processing Techniques
03:45	75	Intelligence Video Surveillance (IVS) System for Real-Time Analysis of Student Facial Expressions Using Image Processing Techniques
04:00	76	IoT-Based Approach: Toward sustainable Smart FOOTSTEP Power
04:15	77	LHERMES: Lazy HERMES a Load Balancing Protocol for Datacenter
Track/ Session 5: (LAB- 2: Information Technology Dept.)		
Bio-informatics		
TIME (Hrs)	PAPER ID	PAPER TITLE
02:00	27	Performance Analysis of CNN Optimization Factors for Tomato Disease Detection and Diagnosis
02:15	34	Straighten the Strands of Code: Addressing the Flaws and Powering the Hamiltonian Path in DNA Computing.
02:30	36	Snell's law in gradient index optics with machine learning
02:45	43	Artificial Intelligence and Its Transformative Role in Microbiology
03:00	53	Soulful Intelligence: Moral AI Systems, Healthy, Guided, and Awakening Humanity
03:15	56	The Role of Human-Computer Interaction in Shaping Modern Healthcare and Telemedicine
03:30	63	Demystifying AI: Explainable AI in Healthcare – Building Trust Through Transparency
03:45	72	A Battle for Digital Safety in the Age of Evolving Security Threats
04:00	73	Integrating IoT and AI in Higher Education: A Framework for Ethical and Adaptive Learning Environments
04:15	74	Integration of IoT and AI Systems in Smart City Infrastructure for Healthcare: Challenges and Solutions

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TECHNICAL SESSIONS/TRACK SCHEDULE

DAY-2: Saturday 3 May 2025



Track/ Session 1:		
Artificial Intelligence & Image Processing (LAB- 1 Computer Science Dept.)		
TIME (Hrs)	PAPER ID	PAPER TITLE
09:00	44	How AI is Making Online Learning More Fun and Personal
09:15	54	"Bridging Trust in Human-Computer Interaction: A Design Perspective on Explainable AI Interfaces"
9:30	55	Advancements and Challenges in Human-Computer Interaction: A Review of Recent Trends
9:45	60	Explainable AI
10:00	69	Project: HydroFlow Smart Irrigation System
10:15	85	Prompt Engineering and Control in Generative AI Models: Towards More Reliable AI Outputs
10:30	88	Advancements and Challenges in Human-Computer Interaction: A Review of Recent Trends
10:45	89	From Rule-Based System to Goal-Oriented Intelligence: Differentiate Traditional AI, Generative AI, and Agentic AI
11:00	97	A Survey on Sentiment Analysis using Natural Language Processing (NLP)
11:15	98	Cybersecurity: It's threats, Future trends and Challenges
11:30	103	Unmasking the Future: Decoding the Paradigm Shift of Generative AI
11:45		Enhance Software Engineer Experience with AR Code
Track/ Session 2: (LAB- 2 Computer Science Dept.)		
Data Science, Cybersecurity & Software Engineering		
TIME (Hrs)	PAPER ID	PAPER TITLE
09:00	45	Bridging Mathematics, Economics, and Artificial Intelligence for Predictive Data Analysis
09:15	46	Next-Gen B2C Commerce: How Agentic AI Enables a Human-Free Future
9:30	47	Cloud Computing Adoption In SMES Benefits And Challenges
9:45	48	Empowering the Next Era: How Generative AI, Explainable AI, and Cybersecurity Co-Creat Responsible Technology
10:00	49	AI-powered integration of Quantum Cryptography: challenges and opportunities – A Review
10:15	50	Cybersecurity and AI: Challenges of AI driven security techniques
10:30	51	Today's New Challenges in Cybersecurity
10:45	52	NeuroVaultChain: Revolutionizing Secure Data Storage and Privacy
11:00	58	To Establish The Impact Of Social Media Vernacular On Scholarly Writing
11:15	64	Explainable AI for Cybersecurity and Data Privacy
11:30	65	Automated CNC Plotter
11:45	67	Generative AI Attacks and Defenses in Cyber Security
Track/ Session 3: (LAB- 3 Computer Science Dept.)		
Mobile Computing Applications and Game Technology		
TIME (Hrs)	PAPER ID	PAPER TITLE
09:00	66	Game Technology and Gamification in Education: A Simple Stud
09:15	68	Enhancing STEM Learning through AI gamified for Students Aged
9:30	69	Network Quality Optimization of Smart Home Security System By Using 5G Technology
9:45	86	Cyber Security: Inside The World Of Red Team
10:00	102	Unmasking the Future: Decoding the Paradigm Shift of Generative AI

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10:15	104	Gamified Explainable AI Interfaces for Teaching AI Ethics to Teenagers
10:30	105	The Ineffectiveness of AI Tools in Cognitive Development and Project Creativity
10:45	106	Enhancing Cybersecurity through AI-Driven Threat Detection and Policy Compliance in Modern ICT Environments
11:00	107	Tools and Technologies of Exploratory Data Analysis (EDA)
11:15	108	Impact of AI Versus Traditional Instruction for Language Learning
11:30	111	The Role of Information Technology in Organizational Transformation: A Strategic Perspective
Track/ Session 4: (LAB- 1: Information Technology Dept.)		
ICT and Application		
TIME (Hrs)	PAPER ID	PAPER TITLE
09:00	70	ICT and Applications for Coastal Flooding and Erosion and Shoreline Protection.
09:15	80	Integration of Technology in Public and Private Institutes at Secondary School Level in Hyderabad, Pakistan
9:30	81	Smart Greenhouse
9:45	82	Impacts of AI on Human Mental Health.
10:00	91	"Exploring the Pervasive Learning Adoption in Higher Education: A Comprehensive Study using UTAUT4 Model to Understand User Acceptance and Usage"
10:15	92	Secure 5G Architectures for Modern Defense Communications
10:30	94	Smart Energy Management through Solar-Integrated IoT Home Automation
10:45	99	The Impact of Low-Code and No-Code on Software Development Efficiency
11:00	100	The Impression of ChildBook Android Application on the Educational System and Learning Skills Development in Early Childhood
11:15	101	Time Series Analysis of Hyderabad Temperature Data for Environmental Sustainability
11:30	109	Impact of AI Versus Traditional Instruction for Language Learning
11:45	110	Investigating the Role of Code-Switching from English to Urdu in Undergraduate Class Rooms: Teachers' Perspectives at GCUH
12:00	112	"A Hybrid Privacy-Preserving Machine Learning and Deep Learning Framework Using CKKS-Based Fully Homomorphic Encryption and Differential Privacy for Secure 5G/6G Communication Systems"
Track/ Session 5: (LAB- 2: Information TechnologyDept.)		
Bio-informatics		
TIME (Hrs)	PAPER ID	PAPER TITLE
09:00	78	AI-Powered Secure Data Vault with Facial Biometric Access, Cloud Sync, and Auto-Logging System
09:15	87	Silent Speak Empowering Mute Communication Through Smart Gesture
9:30	90	Assessing EMR Implementation Readiness in a Public Sector Hospital: A Case Study from Hyderabad, Sindh
9:45	93	showing the Connection Between Study Habits and Academic Success: A Case Study of GCUH Students
10:00	95	Smart Video Surveillance to Capture Suspicious Behavior of Humans
10:15	96	Stress level analyzer using heart rate and body mass index with machine learning
Track / Session 6: Online (Smart Classroom)		
Smart Classroom – Academic Block		

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