



Govt College For Women

The Constituent College of Cluster University of Srinagar
NAAC Re-Accredited Grade "B+"

International Conference on Multidisciplinary Research and Innovation 2024 (ICMRI-2024)

Technical Session – CS & IT

Forenoon Session

Date: 19 March 2023

Time: 11:30 AM to 05:10 PM

Venue: PG Department of Computer Applications, GCW M.A Road Sgr.

Chair: Dr. A.H Moon, Dean Research, IUST Awantipora

Co-Chair: Dr. Bilal Maqbool, Assistant Professor (CA) - GDC(B) Baramulla

Rapporteur: Malik Durafshan, Assistant Professor (CA) – GCW M.A Road Sgr

SNO	Title of paper with Author's Name	Time
1	LEAD TALK Dr. A.H Moon	11:30 – 11:50 AM
2	QUANTUM COMPUTING Mansi Sharma Guru Nanak Dev University Amritsar	11:50 – 12:00 PM
3	ARTIFICIAL INTELLIGENCE TRANSFORMING INDUSTRIES: AN ETHICAL PERSPECTIVE Shubpreet Kour Guru Nanak Dev University Amritsar	12:00 – 12:10 PM
4	CYBERSECURITY IN CLOUD COMPUTING ENVIRONMENTS Mehak Mittal Guru Nanak Dev University Amritsar	12:10 – 12:20 PM
5	MITIGATING CHALLENGES IN DEEP LEARNING THROUGH ADVANCED STRATEGIES FOR SMALL DATASETS Salma Fayaz ¹ , Syed Zubair Ahmad Shah ² , Assif Assad ³ ^{1,2,3} Department of Computer Science and Engineering, IUST	12:20 – 12:30 PM
6	VULNERABILITY ANALYSIS: EXPLORING XSS ATTACKS IN LARGE LANGUAGE MODELS (LLMS) PROMPT USAGE Janet Teng, Student, Chemical Engineering [CS Minor], Massachusetts Institute Technology	12:30 – 12:40 PM
7	USING HYBRID MACHINE LEARNING TECHNIQUES TO PREDICT HEART DISEASE EFFECTIVELY. Shabir Ahmad GCW Nawakadal Srinagar	12:40 – 12:50 PM

8	MLAAS BY TOP CSPS Abdul Wahid ¹ , Dr M Tariq Banday ² ^{1,2} Department of Electronics & Inst. Technology, University of Kashmir, Srinagar	12:50 – 01:00 PM
9	SCRIPT IDENTIFICATION FOR KASHMIRI LANGUAGE: CHALLENGES AND APPLICATIONS Rafia Amin ¹ , Dr. Rumaan Bashir ² ^{1,2} Department of Computer Science, IUST Awantipora	01:00 – 01:10 PM
	BREAK	01:10 – 02:10 PM
Technical Session – CS & IT Afternoon Session		
10	DISEASE DIAGNOSIS VIA MEDICAL IMAGE ANALYSIS USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING Novsheena Rasool ¹ , Javaid Iqbal Bhat ² ^{1,2} IUST, Awantipora	02:10 – 02:20 PM
11	(AUTOMATIC BRAIN TUMOUR SEGMENTATION) ABRATS USING DEEP LEARNING WITH CLUSTERING ON MRI MODALITIES Shabir Ahmad Rather ¹ , Ashaq Hussain Shah ² ^{1,2} Govt Degree College Dooru	02:20 – 02:30 PM
12	NATURAL LANGUAGE PROCESSING: APPLICATIONS AND CHALLENGES Ishrat Nabi ¹ , Dr. Rumaan Bashir ² ^{1,2} Department of Computer Science, IUST Awantipora	02:30 – 02:40 PM
13	LEVERAGING ARTIFICIAL INTELLIGENCE IN NLP FOR KASHMIRI LANGUAGE Sheezan farooq ¹ , Dr. Rumaan Bashir ² ^{1,2} Department of Computer Science, IUST Awantipora	02:40 – 02:50 PM
14	YOLO BASED SMALL OBJECT DETECTION Iqra ¹ , Kaisar Javeed Gird ² , Danish Nazir Raja ³ ^{1,2,3} Department of Computer Science, IUST Awantipora	02:50 – 03:00 PM

15	<p>A COMPARATIVE ANALYSIS OF ARTIFICIAL INTELLIGENCE-BASED TECHNIQUES IN TEXT CLASSIFICATION WITH SPECIAL REFERENCE TO KASHMIRI.</p> <p>Masooda Masarat Department of Computer Science, IUST Awantipora</p>	03:00 – 03:10 PM
16	<p>PRIVACY-PRESERVING DATA MINING TECHNIQUES</p> <p>Seerat Ul Ain¹, S.M.K Quadri² ^{1,2} Department of Computer Science, Jamia Millia Islamia, New Delhi-110025,</p>	03:10 – 03:20 PM
17	<p>COMPARATIVE ANALYSIS OF MACHINE LEARNING APPROACHES FOR CROP SELECTION</p> <p>Shujaat Hussain Shah¹, Khursheed Ahmad Rah², Dr. Sameer Kaul³ ^{1,2,3} PG Deptt. of Computer Applications, GCW M.A road Srinagar</p>	03:20 – 03:30 PM
18	<p>THYROID DISORDER PREDICTION USING EMBEDDED FEATURE SELECTION AND DNN</p> <p>Mohammad Saleem Mir GDC Pattan</p>	03:30 – 03:40 PM
19	<p>HYPERSPECTRAL IMAGING VIA MACHINE LEARNING FOR SNOW AND GLACIER FEATURE CLASSIFICATION: A REVIEW</p> <p>Syed Zubair Ahmad Shah¹, Naillah Gul², Assif Assad³, Riyaz Ahmad Mir⁴, Mohd Anul Haq⁵</p> <p>^{1,2,3}Department of Computer Science and Engineering, IUST ⁴National Institute of Hydrology, Western Himalayan Regional Centre Jammu ⁵Department of Computer Science, College of Computer and Information Sciences, Majmaah Universit, Saudi Arabia</p>	03:40 – 03:50 PM
20	<p>CNN-BASED VIDEO ANOMALY DETECTION FOR REAL-TIME SURVEILLANCE</p> <p>Areeba Afaq</p>	03:50 – 04:00 PM

21	<p>QUANTUM ERROR CORRECTION: A PATH TO ROBUST AND RELIABLE QUANTUM COMPUTING</p> <p>Igor Arkadi, PhD Candidate, Deptt. Quantum Research Lomonosov Moscow State University, Russia</p>	04:00 – 04:10 PM
22	<p>SEMANTIC ENRICHMENT OF INFORMATION RETRIEVAL THROUGH ONTOLOGY INTEGRATION</p> <p>Rashid Ashraf Malik¹, Asif Iqbal Kawoosa², Malik Durafshan³ ^{1,2,3}Govt. College for Women, M.A Road Srinagar</p>	04:10 – 04:20 PM
23	<p>REAL-TIME MODEL FOR DETECTION OF ANOMALOUS ENERGY USAGE IN RESIDENTIAL BUILDINGS</p> <p>Asif Iqbal Kawoosa¹, Rashid Ashraf Malik², Malik Durafshan³ ^{1,2,3}Govt. College for Women, M.A Road Srinagar</p>	04:20 – 04:30 PM
24	<p>BRIDGING THE REALITY GAP: SIM-TO-REAL TRANSFER IN ROBOTIC SYSTEMS</p> <p>Shigeru Tadashi</p>	04:30 – 04:40 PM
25	<p>EXPLAINABILITY IN NATURAL LANGUAGE PROCESSING: UNRAVELLING THE BLACK BOX OF NEURAL LANGUAGE MODELS</p> <p>Leonid Kulyk [Asst. Researcher, University of Bonn, Regina-Pacis-Weg 3, Germany]</p>	04:40 – 04:50 PM
26	<p>OPTIMIZING FEATURE SELECTION FOR ELECTRICITY THEFT DETECTION IN POWER DISTRIBUTION SYSTEMS</p> <p>Shakeel Ahmad Najar¹, Tanveer Ahamd Lone², Rouf Ali³ ^{1,3}GCW, M.A Road Srinagar ²GDC Sopore</p>	04:50 – 05:00 PM
27	<p>ADVANTAGES AND CHALLENGES OF LEVERAGING VLSI-BASED FLASH MEMORY FOR DATA-INTENSIVE APPLICATIONS</p> <p>Aavam Preet Kour Department of Electrical and Computer Engineering, University of Windsor, Canada.</p>	05:00 – 05:10 PM