

Poster_No	Poster_Name	Authors
1	Memory Augmented Neural Networks in Multimodal Machine Learning	Aayush Sugandh(Student), Professor Jiaul H Paik
2	Mood States?	LGBRIMH Tezpur. Lekhansh Shukla, Assistant Professor of Psychiatry, NIMHANS Bangalore. Animesh Mukherjee, Professor, Structural Biology Lab, Dept. of Bioscience and Biotechnology
3	endogenous RNA network in neurodegenerative disorders	Dr.Shirin Dasgupta, [MD (Gold Medal), DipRCPath (London), Dr. B. C. Roy Multi Speciality Medical Research Centre, Indian
4	Diagnosis of Oral Pre-Malignant Disorders.	Maithilee Mukherjee, Siddhartha Chattopadhyay. Indian Institute of Technology Kharagpur.
5	Impact of Cash Transfer on Household Consumption	Saptarshi Ghosh, Dept. of CSE, IIT Kharagpur, India Animesh Mukherjee, Dept. of CSE, IIT Kharagpur, India
6	Dataset for Auditing and Mitigating Biases in Facial Recognition Systems	1. Debasmita Sarma Chaudhuri 2.Riddhiman Dhar 1 and 2: Dept of Bioscience and Biotechnology
7	MACHINE LEARNING	Aruni Ankur, Prof. Riddhiman Dhar
8	under Arbitrary Perturbations	Naqee Rizwan, Subhankar Swain, Animesh Mukherjee IIT Kharagpur
9	Detection: The Vulnerabilities and their Interpretations	Department of Chemical Engineering, Indian Institute of Technology Kharagpur, India 721302
10	Production by Microalgae	ISE,Dayananda Sagar College of Engineering,Bangalore-560078
11	Learnable Dilation Deep Network for Multi-class Classification Problem	Aasritha Kondapalli, Riddhiman Dhar, Mrinal Kumar Acharya
12	and progression	Dulal Mondal, Ritwika Dey IIT Kharagpur, Department of Chemistry
13	Markov State Model	Maity (Phd Scholar at Dept of E&ECE, IIT KGP, arnab10maity@gmail.com) Prof. Goutam Saha (Faculty at Dept of
14	AI based Heart Disease Classification from Paper ECG Records	Monitoring of Parkinson's Disease on Edge Devices
15		Dipdisha Bose, Nirmalya Ghosh, and Anirban Mukherjee Department of Electrical Engineering, IIT Kharagpur
16	Consumer Sentiments and Business Cycles	Sohini Sahu (Indian Institute of Technology Kanpur)
17	From EEG Signals to Explainable Brain Graphs for Depression Analysis	From EEG Signals to Explainable Brain Graphs for Depression Analysis
18	Questions	Soujanya Hazra and Sanjay Ghosh, Department of Electrical Engineering, IIT Kharagpur
19	Dynamic Signature Authentication for Biometric Security	Srinjoy Chanda, IIT Kharagpur Debjyoti Gorai, IIT Kharagpur Satyanshu Kumar, IIT Kharagpur Koustav Rudra, IIT Kharagpur
20	Lethal Mutation in Hypothyroidism	Arpan Mondal, author Prof Titash Mondal, co-author prof. Subhajit Sidhanta, co-author Ajay Haridas, co-author
21	Parkinson's Disease through Hardware Software Co-Design	Kharagpur, West Bengal, India, Pin: 721302
22	Overseas.ai	Anchal Kumar Chaubey, Dipdisha Bose, and Dr. Anirban Mukherjee Department of Electrical Engineering, IIT Kharagpur
23	MetloR: A machine learning based tool for predicting intrinsic disorder in RNA Binding Proteins	Dr. Tutan Ahmed, Sourav Nag, Raunak Pal
24	Generating and Evaluating Long-form Answers to Student Questions based on Lecture Videos	Swarnadip Mitra, Computational Structural Biology Lab, Department of Bioscience and Biotechnology, Indian Institute of Technology Kharagpur Ranjit Prasad Bahadur, Computational Structural Biology Lab, Department of Bioscience and Biotechnology, Indian Institute of Technology Kharagpur
25	LiPs: A Deep learning Framework for identifying RNA-Dependent Phase Separating Proteins	1) Sourjyadip Ray (MS student, IIT Kharagpur) 2) Somak Aditya (Assistant Professor, IIT Kharagpur) 3) Pawan Goyal (Associate Professor, IIT Kharagpur)
26	A Semantic Embedding-Based Framework for Multilingual and Bidirectional Sign Language Communication with Multimodal Extensibility	Sonali Chatterjee ¹ , Tanujay Saha ² , Ranjit P. Bahadur ¹ Computational Structural Biology Lab, Department of Bioscience and Biotechnology, Indian Institute of Technology Kharagpur, India, ² Electrical and Computer Engineering, Princeton University, Princeton, NJ, USA.
27	Reducing MRI Scan Time with Faithful Reconstruction using Complex-Valued Neural Network	Akshat Thapa, M.Tech Biomedical Engineering, Bodapati Asritha, M.Tech Medical Imaging and Informatics, School of Medical Science & Technology, Indian Institute of Technology, Kharagpur
28	GRACE: GGraph-based Addiction Care prEdiction	Biswamitra Mitra, IIT KGP Akash Roy, IIT KGP Dr. Mahesh Mohan M R, IIT KGP
29	Memory Replay for Continual Medical Image Segmentation through Atypical Sample Selection	Subham Kumar [†] , Prakrithi Shivaprakash [‡] , Koustav Rudra [†] , Lekhansh Shukla [‡] and Animesh Mukherjee [†] Indian Institute of Technology, Kharagpur [†] National Institute of Mental Health and Neuro Sciences, Bangalore
		Sutanu Bera, Vinay Ummadi, Debasish Sen, Subhamoy Mandal, and Prabir Kumar Biswas. Presenter: Sayanta Sen, Debjyoti Kalita

30	Justice on Face Value? Investigating Bias in Vision–Language Models for Bail Outcomes	Sagnik Basu, IIT Kharagpur ; Shubham Prakash, IIT Kharagpur ; Ashish Barge, IIT Kharagpur ; Siddharth Jaiswal, IIT Kharagpur ; Abhisek Dash, MPI-SWS ; Saptarshi Ghosh, IIT Kharagpur ; Animesh Mukherjee, IIT Kharagpur
31	Genome language Modelling for Anticipatory Oncology	Shayeri Ghosh (Techno Bengal Institute of Technology) Debdeep Mahapatra (Techno Bengal Institute of Technology) Soham Kar (Techno Bengal Institute of Technology) Soumorit Pramanik (Techno Bengal Institute of Technology)
32	Development of A Machine Learning Model to Predict Hybrid Epithelial-Mesenchymal Transition States in Cancer	Department of Bioscience & Biotechnology
33	ANALYSIS OF GENE REGULATORY NETWORK TOPOLOGY AND DYNAMICS UNCOVERS DRIVER TRANSCRIPTION FACTORS ASSOCIATED WITH CANCER PROGRESSION	Upasana Ray1, Adarsh Singh1,2, Debabrata Samanta1,3, Riddhiman Dhar1 Affiliation: 1 Department of Bioscience and Biotechnology, IIT Kharagpur, India 2 Current address: Cornell University, Ithaca, NY, USA 3 Current address: Wockhardt Biotech Park, Maharashtra, India
34	Conversational Genomics: Biomarker prediction using foundational model	Soumyajit Ghosh, Avik Pramanick, Anupam Khan, Prof. Mahesh Mohan MR, Prof. Debaditya Roy, Prof. Sourangshu Bhattacharya, Prof. Niloy Ganguly
35	Transcriptional Signatures in Adult Neural Stem Cell Determine Neurogenic or Astrogenic Fate of the Mature Neurons: An Exploration of Single-Cell RNA-Sequencing Data	Amiyangshu De, IIT KGP
36	Diffraction in unexpanded images merges multiple nanoclusters into apparent large condensates with inflated RNA copy numbers (>50), while expansion resolves them into discrete nanoclusters with few high-copy particles remaining.	Parakbritta Hazra Dutta, Jeet Mukhopadhyay, Samiran Bhowmik, Pintu Patra
37	AN AGENTIC AI FRAMEWORK FOR AUTOMATED HEALTHCARE DATA ANALYSIS USING LARGE LANGUAGE MODELS	Pankaj Maurya
38	Automated Lung Lesion Segmentation with Minimal Number of Labeled CT Images	Ishita Maiti 1, Namrata Kadasi 2, Nihar Domala 2, Aman Soni 2, Manjunatha Mahadevappa 1, Nirmalya Ghosh 2 1 School of Medical Science and Technology, Indian Institute of Technology Kharagpur, India 2 Electrical Engineering, Indian Institute of Technology Kharagpur, India
39	A QUANTUM COMPUTING FRAMEWORK FOR ALZHEIMER'S DRUG CANDIDATE SCREENING	SNEHA DUTTA, KOUSHANI BHOWMIK, JYOTIRMOY MANDAL, SUMAN PANJA (DEPARTMENT OF CSE-AIML)
40	Non-Invasive Diabetes Diagnosis: Optimization Meets Explainability in Saliva FTIR	Aaryan Javalekar*, Ram Saini * (IIT-KGP),