

AIMLBIO-2022

List of accepted papers for oral presentation

Sl.No	Paper ID	Authors	Title
1	5	Husna Tabassum and Prasannavenkatesan Theerthagiri.	Performance Analysis of AI-based Learning Models on Leaf Disease Prediction
2	6	Sahana Devi and Dr.Vamsidhar Yendapalli	WOMEN INFERTILITY: A SYSTEMATIC REVIEW OF EFFECTS AND CAUSES
3	9	Revathi S A and B Sathish Babu	Anomaly Detection for Knee MR Images using Deep Transfer Learning Models
4	10	Anitha N, Rajesh T. M and Dr. Manikanthan B. S	Novel Multimodal Approach for Classification of Pulmonary Respiratory Diseases
5	11	Manjula Gururaj Rao, Sumathi Pawar, Karthik P, Kishan R Kotian and Dhanush P Hegde	Employing Machine Learning in a Multimodal Approach to Predict and Classify Brain Strokes
6	12	Minal Moharir, Manjunatha Reddy and Rohan Eswara	Predicting 30-day hospital readmissions in diabetic patients using a Federated Learning Model
7	20	Dr Sumathi Pawar, Karuna Pandith and Manjula Gururaj H	A Review on IMPACT OF COVID-19 ON LAND BUSINESS and CO-Tracker
8	23	Anitha N, Rajesh T. M, Dr. Manikanthan B. S and Sandeep G. S. K	A Review on Techniques used for Pulmonary Respiratory Disease Classification
9	29	Sinchana K and Pratiba D	Fingerprint Spoofing Detection Using Machine Learning
10	30	R Sunil	Analysis And Prediction Of Stock Trading Using Different Sectors Of Trading Companies
11	33	Dr Sumathi Pawar and Manjula Gururaj H	SIGN LANGUAGE RECOGNITION BASED ON KEYPOINTS
12	34	Kedar Bhandarkar, Sudhanva T Manur, Syed Farhan, Leela Ganesh, Vanishree K and Dr. Nagaraja G S	LoRa based Smart Agriculture Monitoring and Automated Irrigation System

13	36	Hemalatha K and Reddissekhar Reddy Y	NLP assisted Deep Learning Model for the spam detection of YouTube comments
14	38	Raje Siddiraju Upendra and Sanjay Nagar	Insilco Screening of Human Pancreatic Alpha Amylase Enzyme Inhibitory Compounds as Novel Drug Candidates Against Type-II Diabetes
15	40	Pooja J S and Santosh N	Phishing URL Detection using Machine Learning
16	42	Dr. Nagesh R, Sharath S V, Pujitha Thejaswi and Shantha P Adi	Inspection of Pharmaceutical Tablets using Computer Vision
17	44	Dr. Nagaraja G S, Mithra Varun B, Koundinya P V and Yashas M S	Prediction of Diabetes Risk based on Machine Learning Algorithms
18	45	Sharon Thomas, Anusha Jain, Santosh Vishwanathan, Shankar Tejasvi and Swetha S	ALZHEIMER'S DISEASE DETECTION AND CLASSIFICATION USING DEEP LEARNING METHODS
19	49	Swati Singh	A review on application of Quantum Game Theoretic analysis to real-world problems
20	57	R Varsha Bantia, Amit Kumar Singh, Nagarathna H, Laxmi Guragol, Kirti Gangadhar Himbandi, Vanishree K and Dr. G S Nagaraja	Home Automation using Internet of Things
21	58	Nagaraja G S, Vijay Raj and Namita Bilagi	App Engine Application for Detecting Similar Files in Google Drive
22	59	Vishalakshi Prabhu H	NB-IoT models, recent developments and Forecasts in Healthcare Industry
23	64	Bhavana Veerabhadrapa, Nagashree N. Rao and Madhu Dyavaiah	Yeast tRNA modification and DNA repair gene-deficient mutants are sensitive to aminoglycoside antibiotics
24	68	Srikanth Kavirayani and Sushma Chandra Dwadasi	Genetic Algorithm proves medicinal Characteristics of Embelia Ribes evolve distinctly
25	71	Ramya K, Puneetha Tr, Ashwani Sharma, Rajeswari M, Anala Mr, Shivandappa Ks and Nagashree N Rao	Modelling the impact of climate change on Crop Plants

26	77	Lavanya C, Pooja S, Abhay H Kashyap, Abdur Rahaman, Swarna Niranjana and Vidya Niranjana.	Novel Biomarker Prediction For Lung Cancer Using Random Forest Classifiers
27	78	Akshay Uttarkar, Ananya A R, Anagha Muralidharan, Abhay Shashidhara, Anushri U A, Avila Tarani and Vidya Niranjana	Denovo desing of anti-COVID drugs using machine learning based equivariate diffusion model targeting the spike protein
28	80	Chandrashekar K, Anagha S Setlur, Risha Mahesh, Priyanka R Bhargava, Rashmi Perdoor, Aisiri H U V, Dhanya Pradeep, Riddhi Daga and Vidya Niranjana	Comprehensive next generation sequencing analysis of colorectal cancer exome datasets with an amalgamation of AI/ML techniques on the identified mutation patterns
29	81	Chandrashekar K, Anagha S Setlur, Rajdeep K, Sashwathi V, Riya Prince, Samridhi Makkar and Vidya Niranjana.	Protocol for developing a decision support system (DSS) using mutation pattern in individual cancers with application of artificial intelligence and machine learning technologies
30	84	Lavanya C, Dwitha Dechamma Bn, Cherishma Subhasa, Bhoomika P Masoor, Varshini G S and Vidya Niranjana	A PROTOCOL ON BREED-SPECIFIC BIOMARKER IDENTIFICATION FOR COMMERCIAL DOG BREEDS IN INDIA
31	85	Anagha S Setlur, Chandrashekar K, Neha Madi, Kusuma Sampada, Abhirami Gajendra Prasad, Mary Olega Christene Murera, Monisha Arun, Maanas R Rao and Vidya Niranjana	Novel pipeline for developing a predictive QSAR model for identification of human-safe insecticide naturals
32	87	Anagha S Setlur, Chandrashekar K, Srinjana Raha, Neethi V Gandhi, Parvathi D Bhat, Pranay Prasad and Vidya Niranjana	Quantitative Structure Activity Relationship analysis as an application of machine learning for prediction and detection of safe insecticide naturals against human GABA receptors
33	90	Vanishree K and Nagaraja G S	Framework Modeling for Effective Precession Agriculture using Predictive Analytics
34	93	Lakshmi Bharathi S and Vidya Niranjana	Genetic profiling of silkworms (Bombyx mori) highlights signatures of natural selection in loci associated with commercially relevant traits.

35	94	Nagashree N Rao, Anala M R and Rajeshwari M	Predictive Modelling to study the Impact of Pollutants on the Physiological Properties of Important Crops
36	95	Sumatra Manokaran, Anusha Mysore Keerthi, Shweta Sudam Kallapur, Soujanya R, Prarthana S Reddy, Chiranth Cr, Manjunatha Reddy and Praveen Kumar Gupta	Molecular docking and pharmacokinetic studies of naturally occurring flavonoid glycosides and their activity against COVID-19 viral proteins
37	96	Anu Ann John, Bhuvana Prakash and Varsha Singh M	DETECTION OF MICROPLASTICS IN LIVESTOCK
38	97	Sneha Kumkum, Vrushali P Desai, Sriram Balakrishna, Manjunatha Reddy and Sumathra M	Limitations of Artificial Intelligence and Machine Learning Technologies in medical imaging of Covid -19
39	99	Tejas Thawari, Shivam Shinde, Soham Raut and Prajwal Kumbhar	Warning System with Face Mask Detection Using CNN
40	100	Kavana G. H, Meghana M.S, Pratyush Dwivedi, Manjunath Reddy, Sumathra Manokaran	AUTOMATED PRODUCTION OF SINGLE CELL PROTEINS: A CASE STUDY ON PHARMACEUTICAL APPLICATION OF SPIRULINA
41	101	Praveen Kumar Gupta, Aakaanksha Kaul, Maryanne Varghese, J Sanjana and Vibha Rao	Value addition on abnormality of blood coagulation-thrombophilia