



PAST CONFERENCE

REPORT

International Conference on

**International Conference on Data
Science and Machine Learning
Applications**

(ICDSMLA -2021)

RabindraNath Tagore University,

Raisen, Madhya Pradesh

10th – 11th June 2021



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1. Event Summary

Conference Name	: International Conference on Data Science, Machine learning and Applications (ICDSMLA-21)
Date	: 10th-11th June 2021
Conference Theme	: Foster and propagate rational expertise in the field of Engineering, Social- Sciences, And Humanities
Auspice Organisations	: CSE and CS/IT Departments, RabindraNath Tagore University, Raisen, Madhya Prades.
Mode/Place	: Virtual Conference

1.1 OVERVIEW

International Conference on Data Science, Machine learning and Applications (ICDSMLA-21) held on the 10th-11th June 2021. Which was Organized by CSE and CS/IT Departments, RabindraNath Tagore University, Raisen, Madhya Pradesh.in Association with the Institute for Engineering Research and Publication (IFERP).

Participated in this conference represents a way of inter-personal and inter-institutional communication based on research themes specific to the modern trends of the Science, Engineering, Social Science and education domain, but also to the connection domains, having implications focused on the improvement of the qualitative level of the academic environment reflected in the direction of scientific research, science, Engineering, physical education, health and social environment.

The conference represented an occasion of international interest that was addressed to the Data Science, machine learning, and applications, but also to the professionals from connection domains who by their contributions may provide a multidisciplinary communication framework.

1.2 Conference Theme

International Conference on Data Science, Machine learning and Applications (ICDSMLA-21) was themed about the distinct distinguished consequences and different hurdles in the fields of engineering, social sciences and humanities. This convention seeks to draw together executives, researchers, scholars, and academics in all areas of economics, business management, social sciences and humanities, to provide a global platform for the distribution of significant investigative results, distinguished approaches, and developmental applicability that focus on both modern methods and innovative approaches.

This convention focused on strikingly advanced conditions in the distinguished developments of Data Science, machine learning, and applications and was foreseen to attract renowned experts from these specialties as well as lesser-known domains too. Participated in this conference supports participants and attendees in contemplating their proficiency to sharpen their abilities and improve their strategies using innovative approaches by interlacing with

their associates and equals. Participants were all likewise been allowed to connect with experts and prominent lecturers and share popular ideas and research outcomes with them.

2. ABOUT THE CONFERENCE

International Conference on Data Science, Machine learning and Applications (ICDSMLA-21) held on the 10th-11th June 2021. Which was Organized by CSE and CS/IT Departments, RabindraNath Tagore University, Raisen, Madhya Pradesh.in Association with the Institute for Engineering Research and Publication (IFERP). ICDSMLA offered researchers, delegates and scholars an incredible chance to interact with each other and share their experience and knowledge of technology application.

International Conference on Data Science, Machine learning and Applications (ICDSMLA-21) conference provided a stage for researchers and practitioners from academia and business to deal with state-of-the-art advancement in their respective fields.

ICDSMLA will offered participants to interact with industry experts on the recent challenges in scientific research and associated areas. Leading researchers shared their incredible research findings and tools that they use to achieve better results. This international conference on multidisciplinary research and education was bound to generate a number of new ideas and experiences that participants, irrespective of who they are (Experienced scientists, seasoned professionals or young scholars at the early stages of their careers) can derive and make use of in some form of another, towards the advancement of their careers. For those looking to spread awareness of their incredible research findings and other work, they also had the chance to present their papers and articles.

3.CONFERENCE SCOPE

ICDSMLA topics include, but are not limited to, the following research and development areas/fields.

- Automation/Control systems/Robotics
- Data Mining and Data Engineering
- Optical engineering
- Architecture Engineering
- Environmental Social Science
- Public Administration
- Social History
- Political Science
- Ancient and Modern Languages
- Human Geography
- Humanities, Social Sciences and Research

As a result, many Keynotes, Tutorial and Technical Sessions had been prepared in accordance with conference scope to discuss the Challenges, Opportunities and Problems of Application in various fields.

4. INAUGURAL PROGRAMME

The day 1 of the conference started with welcoming all the participants, dignitaries and special guest for the conference followed by the proceedings book release and introduction of session chair for the technical sessions.

4.1 Welcoming and Opening Ceremony

Welcoming Keynote Speakers of the International Conference on Data Science, Machine learning and Applications (ICDSMLA-21)

Keynote Speakers



Sai Satish Babu N.
Senior Data Scientist
British Telecom, Bangalore



Dr. Anand Nayyar
Researcher, Duy Tan University
Da Nang, Vietnam



Manish Maheshwari

Professor

Makhanlal Chaturvedi Rashtriya Patrakarita Vishwavidhyalaya



Subeesh A

Scientist at Indian Council of Agricultural Research (ICAR)
Researcher, Occasional Blogger



Dr. Abbas Al-Bakry

Chancellor

University of Information Technology and Communications, Iraq



Prof (Dr.) Ajay Rana

Founder Director, Amity School of Engineering , Amity University , INDIA

Chairman , AUN Research Labs

Chairman , Amity CISCO Networking Academy Research Lab

Followed by the welcoming our chief guest of the International Conference on Data Science, Machine learning and Applications (ICDSMLA-21)

Session chairs

1. **Dr. S.Veenadhari**, Associate Professor, RNTU
2. **Dr.Rajendra Gupta**, HOD,CS/IT, RNTU
3. **Prof.Mukesh Kumar**,HOD,CSE, RNTU
4. **Dr.Shailaja Sharma**, Professor, RNTU
5. **Dr. Sanjeev Kumar Gupta**, Dean, Faculty of Engineering and Technology
6. **Dr.Rakesh Kumar**, Professor,CSE, RNTU
7. **Dr. Shiv Shakti Shrivastava**, Professor,CSE,RNTU
8. **Dr. Pratima Gautam**, Dean, CS/IT

5.CONFERENCE ORGANIZING COMMITTEE

Chief Patron:



Shri Santosh Choubey

Chancellor

RabindraNath Tagore University



Dr. Bramh Prakash Pethiya

Vice Chancellor
RabindraNath Tagore University



Dr. Vijay Singh

Registrar
RabindraNath Tagore University

Coordinators:



Dr. Sanjeev Kumar Gupta

Dean Academics
RabindraNath Tagore University



Dr. Pratima Gautam

Dean, CS/IT
RabindraNath Tagore University

Convenor:



Dr.S.Veenadhari
Associate Professor, CSE
RabindraNath Tagore University

Co-Convenors:



Dr. Rajendra Gupta
HOD,CS/IT
RabindraNath Tagore University



Mr.Mukesh Kumar
HOD,CSE
RabindraNath Tagore University

National Advisory Committee

D.K. Chaturvedi, Professor & Head, Electrical Engineering, Dayalbagh Educational Institute (Deemed Univ.), Agra, India

Dr. Nidhi Tyagi, Professor, IT, Meerut Institute of Engineering and Technology, Uttar Pradesh, India

Dr. Nilesh V. Limbore, Director, N-Stat Research Consultancy Services, Maharashtra, India

Dr. Sagar Onkarrao Manjare, Professor & Principal, Savitribai Phule Pune University, Pune, India

Dr. Surabhi Singh, Associate Professor, MktgIMS Ghaziabad, Uttar Pradesh, India

Dr. Swapnil Laxman Lahudkar, Professor, Department of E&TC, JSPM's Imperial College of Engineering & Research, Pune, India

Ms. Deepali Vora, Head of Department, Information Technology, Vidyalankar Institute of Technology, Mumbai, India

Prof. (Dr.) Abhineet Anand, Professor, CSE Chitkara University Institute of Engineering and Technology, Chandigarh, India

Prof. (Dr.) S. H. Sawant, Principal, Mechanical Engineering, Sant Gajanan Maharaj College of Engineering, Mahagaon, Maharashtra, India

Prof. Dr. Tryambak Hiwarkar, Dean & Professor, CSE, Sri Satya Sai University of Technology & Medical Sciences, Madhya Pradesh, India

Shashi kant Gupta, Managing Director, Chinmay Research Education and Publication Pvt.Ltd, Uttar Pradesh, India

Dr Neelesh Jain, Professor & Head, IT, Sagar Institute of Research & Technology, Bhopal, India

Dr Nidhi Tiwari, Associate Professor, ECE, SAGE University, Indore, India

Dr. Faisal Talib, Professor, Mechanical Engineering, Zakir Hussain College of Engineering and Technology, Uttar Pradesh, India

Dr. Bhushan P. Saoji, Professor, Instrumentation Engineering, Bharati Vidyapeeth's College of Engineering, Navi Mumbai, India

Dr. Gayatri M. Phade, Associate Professor & Head, E & TC Engineering, Sandip Institute of Technology and Research Centre (SITRC), Maharashtra, India

Dr. Harshali P. Patil, Associate Professor, Computer Engineering, Thakur College of Engineering & Technology, Mumbai, India

Dr. Jay Kumar Jain, Associate Professor & Head, MCA, SIRT, Bhopal, India

Dr. Kamal Shah, Dean & Professor, IT, Thakur College of Engineering and Technology, Mumbai, India

Dr. Parul Gupta, Professor & Director, R. V. Institute of Technology, Bijnor, Uttar Pradesh, India

Dr. Sunil Kr Pandey, Professor, Director – IT, Institute of Technology & Science, Ghaziabad, India

Dr. Anshuman Sharma, Professor, Management Department, H.R. INSTITUTE OF TECHNOLOGY, Uttar Pradesh, India

Dr. Rameshwar Kawitkar, Professor, E&TC Engg, Sinhgad College of Engineering, Pune, India

Lomte Vina Madhavrao, Assistant Professor & Head, CSE, RMD Sinhgad School of Engineering, Pune, India

Prof. (Dr.) Ruchika Gupta, Professor & Head, Finance And IT, Amity Business School, Amity University, Noida, India

Sanjay Singh Thakur, Professor & Head, E& TC Engineering, Vidyalankar Institute of Technology Maharashtra, India

Urmila Shrawankar Professor, CSE, G H Rasoni College of Engineering, Nagpur, India

Yogesh R. Risodkar, Assistant Professor & Head, E&TC Engineering, Sandip Institute of Engineering & Management, Nasik, India

Dr. Ajay B. Gadicha, Head Of Department, Computer Science And I.T, P.R. Pote Patil College of Engineering and Management, Amravati, India

Scientific Committee:

Dr. Tushar H. Jaware, Assistant Professor, E & TC Engineering, R C Patel Institute of Technology, Shirpur, India

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Dr. Abhishek Shukla, Associate Professor, CSE, "R.D. Engineering College Technical Campus, Uttar Pradesh, India

Dr. DEV KUMAR RAI, Associate Professor, ECE, Sage University, Indore, India

Dr. ABHISHEK SHUKLA, Associate Professor, CSE, R.D. Engineering College, Uttar Pradesh, India

Dr. VIJAY BHANDARI, Associate Professor, CSE, Sagar Group of Institutions, Bhopal, India

Ankur Kumar, Assistant Professor, Civil Engineering, Buddha Institute Of Technology, Uttar Pradesh, India

Ashish Sharma, Assistant Professor, MBA, Amity School of Communication,, Madhya Pradesh, India

ASHWINI SALUNKHE, Assistant Professor, Civil, Dr. D. Y. Patil Institute of Technology Maharashtra, India

CHETAN GUPTA, Associate Professor, CSE, Sagar Institute of Research Technology and Science (SIRTS), Bhopal, India

Deepali R. Jawale, Assistant Professor, CSE, Dr. D. Y. Patil Institute of Engineering Management and Research, Pune, India

Dr. Ankita Tiwari, Assistant Professor, Mathematics, Koneru Lakshmaiah Education Foundation, Andhra Pradesh, India

Dr. Ashwini Kumar, Associate Professor, Mechanical Engg, SGT University, Haryana, India

Dr. Babasaheb R Jadhav
Associate Professor, Dr. D. Y. Patil Vidyapeeth, Global Business School and Research Centre (GBSRC), Pune, India

Dr. Deepa Parasar, Associate Professor, CSE, Amity University, Mumbai, India

DR. HIMANI BANSAL, Assistant Professor, CSE, Jaypee Institute of Information Technology, Uttar Pradesh, India

Dr. Mahip M Bartere, Assistant Professor, CSE, G H Rasoni University, Amravati, India

Dr. Manisha Singh, Associate Professor, NET/JRF, UEM JAIPUR, Jaipur, India

Dr. N. I. JAMADAR, Associate Professor, Mechanical Engineering, Dr. D.Y. Patil Institute of Technology, Pune, India

Dr. Parul Verma, Assistant Professor, Amity Institute of Information Technology, Lucknow, India

Dr. Prashant Mani, Associate Professor, ECE, SRM IST, Uttar Pradesh, India

Dr. Prateek Nigam, Associate Professor, Electrical & Electronics Engineering, Rabindranath Tagore University, Bhopal, India

Dr. Roshan A. Gangurde, Assistant Professor, MCA, K.K. Wagh Institute of Engineering Education and Research, Nasik, India

Dr. Sachin S. Agrawal, Assistant Professor, CSE, College of Engineering and Technology, Akola (MH), Maharashtra, India

Dr. Sangeeta Mishra, Associate Professor, ECE, Thakur College of Engineering and Technology, Mumbai, India

Dr. SANJIV KUMAR JAIN, Assistant Professor, EED, Medi-Caps University, Indore, India

Dr. Shrikant Jagdish Honade, Assistant Professor, ECE, G H Raison University, Amravati, India

Dr. Shrikant M. Harle, Assistant Professor, Civil, Ram Meghe College of Engg & Management, Maharashtra, India

Dr. Soumitra Das, Associate Professor, Computer Engineering, Dr. D. Y. Patil Institute of Technology, Pune, India

Dr. Swati Sharma, Assistant Professor, CSE, Meerut Institute of Engineering and Technology, Meerut (U.P.), Uttar Pradesh, India

Dr. Vilas Balgaonkar, Assistant Professor, Sustainability Studies, MIT World Peace University Pune, India

Dr.R.PARVATHI, Associate Professor, CSE, G H Raison Institute of engineering and technology Maharashtra, India

Dr.RajeshKumar, Assistant Professor, Chemistry, Swami Vivekakanand Para Medical Institute Uttar Pradesh, India

Dr.Sachin Ghalme, Associate Professor, Mechanical Engg, Sandip Institute of Technology and Research Center, Nasik, India

Gautam Kumar, Assistant Professor, MCA, Maharishi Markandeshwar (Deemed to be University) Haryana, India

HARSHADA RAJALE, Assistant Professor, ECE, Vidyalkar Institute of Technology, Maharashtra, India

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Mohammad Ahmad, Assistant Professor, Electrical Engineering, Rajkiya Engineering College, Uttar Pradesh, India

Mr. Kurde S.V., Assistant Professor, Computer Engineering, D Y Patil College of Engineering, Pune, India

Mr. Rajesh Kumar Nagar, Assistant Professor, Electronics & Communication, SAGE University Madhya Pradesh, India

Mr. Swapnil S. Chaudhari, Assistant Professor, CSE, Marathwada Mitra Mandal's Institute of Technology [MMIT], Pune, India

Ms. Chitra .P.Bhole, Assistant Professor, CSE, K.J. Somaiya Institute of Engineering & Information Technology, Mumbai, India

Ms. Sujata Sameet Alegavi, Assistant Professor, Electronics, Thakur College of Engineering & Technology, Maharashtra, India

Neha Vekhande-Hinge, Assistant Professor, CSE, Ajeenkya D.Y. Patil University, Pune, India

Prof. Parikshit Gautam Jamdade, Assistant Professor, Electrical Engineering, Pune Vidhyarthi Griha's College of Engineering and Technology, Maharashtra, India

Prof. Shyam D. Bawankar, Assistant Professor, Electronics & Telecommunication Engineering J D College of Engineering & Management, Nagpur (MH), Maharashtra, India

Shivendra Dubey, Assistant Professor, CSE, Sagar Institute of Research & Technology(SIRT) Bhopal, India

Dr. Ashish Kumar Chakraverti, Associate Professor, CSE, Pranveer Singh Institute Of Technology, Kanpur, Kanpur, India

Dr. Chavan Madhukar Lombha, Assistant Professor, Agricultural Engineering, Nanasahab Kadam College of Agriculture, Maharashtra, India

Dr. Debasis Das, Adjunct Lecturer, CSE, Webster University, Uzbekistan, India

DR. JAYDEEP PATIL, Assistant Professor, IT, AISSMS's Institute of Information Technology, Maharashtra, India

Dr. Kishan Pal Singh, Associate Professor, Mechanical Engineering, Institute of Engineering & Technology, Uttar Pradesh, India

Dr. Rashmi Kushwah, Assistant Professor, CSE, Jaypee Institute of Information Technology, Noida, India

Dr. Vijay B Gadicha, Associate Professor, CSE, G H Rasoni University, Maharashtra, India

Dr.Sandeep M.Kakde, Assistant Professor, Electronics Engineering, Yeshawantrao Chavan College of Engineeringm, Nagpur, India

KIRAN DHANAJI KALE, Assistant Professor, ECE, Amity University, Mumbai, India

Manendra pal singh Chawla, Associate Professor, Electrical Engineering, SGSITS, Indore, India

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Mrs. Asma Shaikh, Assistant Professor, CSE, Marathwada Mitra Mandal's, College of Engineering, Pune, India

Nakul Sharma, Assistant Professor, CSE, Sinhgad Academy of Engineering, Pune, India

Sarang L. Joshi, Assistant Professor, Mechatronics Engineering, Symbiosis Skills & Professional University, Pune, India

VISHAL KAUSHIK, Assistant Professor, Aeronautical Engg, Priyadarshini College of Engineering Nagpur, India

6. SCIENTIFIC PROGRAM

Login time (Moderator Prof.Mukesh Kumar)	10:35A.M.
Inaugural Session	10:50 AM To 11:30 AM
Welcome Words by Dr. Sanjeev Kumar Gupta, Conference Coordinator	10:52 AM To 10:55 AM.
Address by Dr. S.Veenadhari, Conference Convener	10:56 AM. To 11:00 AM.
Address by Mr. Rudra Bhanu Satpathy, CEO,Institute For Engineering Research Publications(IFERP)	11.00 AM To 11:05 AM
Address by Dr.Vijay Singh,Registrar,Rabindranath Tagore University(RNTU)	11:06 AM To 11:12 AM
Address by Dr. Bramh Prakash Pethiya, Vice Chancellor, RNTU	11:12AM. To 11:18 AM
Address by Chief Guest Dr.C.R.Mehta, Director, Central Institute of Agricultural ENgineering, Bhopal.	11:19 AM To 11:27AM
Vote of thanks by Conference Coordinator Dr. Pratima Gautam	11:27 AM. To 11:30 AM

Moderator – Dr. Varsha Jotwani	
Plenary Session-I (Artificial Intelligence & Image Processing)	11:30 A.M To 01:50 P.M
Address by Keynote Speaker-1 Dr.A.Subeeesh Scientist, CIAE, Bhopal Title: Leveraging Data Science and Machine Learning for Agricultural Applications.	11:30 A.M To 12:00 P.M

Address by Keynote Speaker-2 Prof (Dr.) Ajay Rana Founder Director, Amity School of Engineering Amity University Chairman Amity CISCO Networking Academy Research Lab	12:00 PM To 12.30 PM
Technical Session I:(In charge: Nitesh Baghel)	



Session Chair 1. Dr. S.Veenadhari, Professor,RNTU 2. Dr.Rajendra Gupta, HOD,CS/IT,RNTU	12.30 PM To 1:50 PM
Lunch Break	1:50 PM To 2:10 PM
Plenary Session – II(Data Science and Machine Learning)	2:10 PM To 4:30 PM
Address by Keynote Speaker Dr.Abbas -Al-Bakry Chancellor University of Information Technology and Communications Iraq	2:10 PM To 2:40 PM
Technical Session II: (Incharge : Mr.Devendra Singh Rathore) Session Chair 1. Prof.Mukesh Kumar,HOD,CSE,RNTU 2. Dr.Shailaja Sharma, Professor, RNTU	2:40 PM To 4:30 PM

Day-2 (11-06-2021)

Moderator – Dr. Rakesh Kumar	
Plenary Session –III(Cloud Computing & IOT)	10:30 AM To 1:00 PM
Address by Keynote Speaker Sai Satish Babu N., Senior Data Scientist, British Telecom, India. Title- Future of Artificial Intelligence	10:30 AM To 11:00 AM
Technical Session: 3 (Incharge: Mr.Prajeet Sharma) Session Chair 1. Dr. Sanjeev Kumar Gupta, Dean, Faculty of Engineering and Technology 2. Dr.Rakesh Kumar, Professor,CSE, RNTU	11:00AM To 1:00 PM.
LUNCH BREAK	1:00 PM To 2:00 PM
Plenary Session IV: (Augmented Reality (AR) and Virtual reality(VR))	2:00 PM To 4:00 PM
Address By Keynote speaker: Dr.Anand Nayyar, Professor Duy Tan University, Da Nang, Vietnam. Title:	2:00 PM To 2:30 PM
Technical Session 4 (Incharge: Prof.Shashikant Upadhyay)	2:30 P.M. To 4:00 P.M.

Session Chair 1. Dr. Shiv Shakti Shrivastava Professor,CSE,RNTU 2. Dr. Pratima Gautam Dean, CS/IT	
Valedictory Session (Moderator – Dr. Varsha Jotwani	4:00 P.M. To 4:30 P.M.
Closing summary by convener	4:01 P.M To 4:05 P.M
Best paper and best paper presentation Declaration(Dr.Sanjeev Kumar Gupta)	4:05 PM To 4:10 PM
Feedback by participants	4:10 P.M To 4:15 P.M
Address by A.Subeeesh,Scientist,CIAE,Bhopal (Guest of Honour)	4:15 P.M To 4:20 P.M
Group Photograph	
Vote of Thanks by Dr.Rajendra Gupta,HOD,CS/IT	4:21 P.M To 4:30 P.M

Technical Session I

DAY 1
TECHNICAL SESSION – I
Artificial Intelligence & Image Processing
Timing - 12:30 PM – 01:50 PM

1	Artificial Intelligence (AI); Creating New Perspectives for Diagnosis in Orthodontics: A Review Amit Kuraria
2.	A Chaos BSA- based Optimization Approach for Task Scheduling to Improve the Resource Utilization in Cloud Computing Abhishek Gupta
3.	Current Trends of Green Cloud Computing - A Comparative Study Neeta Verma
4.	Multilevel streaming clustering algorithm for high dimensional data sets Ankit Kumar Dubey

5.	Artificial intelligence and Deep learning towards Health Sector - COVID-19 Bollu Siva Keshava Rao
6.	AODV-QSRP A QoS based Routing Protocol for Mobile Ad-hoc Networks Dr. Sanjeev Kumar Sharma
7.	AI Based Voice Assistant Using Python Nitin Kumar
8.	Stand Alone Language Translator Sakshi Bhajikhaye



DAY 1
TECHNICAL SESSION – II
Data Science and Machine Learning
Timing - 02:40 PM – 04:30 PM

1.	ISSP-Tree: Minimum Item Support Based Improved Single Scan Pattern Tree for Generating Dynamic Frequent and Rare Patterns Keerti Shrivastava
2.	In-Memory Databases: The Storage of Big Data Devika Rani Roy
3.	Survey on Automated Data Migration and Analysis using Scripting Unnikrishnen Nampoothiry
4.	Deep Learning Approach for Automatic Gender Classification using Transfer Learning Rachana Patel
5.	Deep Machine Learning Tracker For Real Time Objects Detection Mrs Sonal Tiwari
6.	A Cogitation of Image Recognition using Machine Learning and Deep Learning Techniques Geeta Gwalani
7.	A recent review of Image Retrieval algorithms in Multimedia Anubhav Sharma

8.	Large Dataset Clustering Using K-Means With Hadoop Mapreduce Meenakshi Dayal
9.	A Critical Review of Machine Learning Based Intrusion Detection System for Internet of Things Mrs. Priyamwada Sharma
10.	Systematic Review of Deep Learning Techniques for Visual Feature Representation and Learning Rupali Tabakade
11.	Brightness Preserving Low Contrast Medical Image Enhancement Based on Local Contrast Stretching and Global Dynamic Fuzzy Histogram Equalization Vijay Panse
12.	Diabetes Diagnosis using Ensemble Models in Machine Learning Ashok B
13.	Barriers for smart grid development in India Ms. Archana



DAY 2
TECHNICAL SESSION – I
Cloud Computing & IOT
Timing – 11:00 AM – 01:00 PM

1.	Heart Disease Prognosis System with Nearest Clinic Recommendation. Mayuresh Pujari
2.	Cloud Computing and Big Data : Relationship between Bharat Batham
3.	IOT and ML Architecture for Predictive Maintenance in Industry 4.0 Madhurima Sharma
4.	Enhancing the Efficiency of image and video forgery detection using convolutional neural networks Ms. Sonal Pramod Patil

5.	LSTM based mobility prediction in Ad-Hoc Network Subrata Debbarma
6.	Forecasting UBER demand using SARIMAX Model and ARIMA Model Jayashree M Kudari
7.	Performance Assessment in Precision Agriculture by using Decision Tree Approach Shikha Ujjainia
8.	Security Enhancement Model For Intrusion Detection System using Classification Techniques Rakhi Shukla
9.	Enhanced Movie Sentiment Classification Model Using Machine Learning Algorithm Devendra Singh Rathore
10.	Secured and Entertainment based Techniques by Emotion Recognition using Machine Learning Mrs.Preethy Jemima P
11.	An Analysis of Imagery EEG Classification on Convolutional Neural Networks Using Alexnet Model Ayonija Pathre
12.	Object detection Using YOLO Abhishek Kumar Singh
13.	Pandemic Crisis Fraternity Akshat Sharma



DAY 2
TECHNICAL SESSION – II
ETC and Others
Timing – 02:00 PM – 04:00 PM

1.	A study on challenges associated with antenna design & future antenna models Nikunj Goyal
2.	Attendance Management System using Face Recognition Mrs.Sandhya Potadar

3.	Innovative Technique In Combating With Stress In Employees At Workplace Ms. Pushpa Tiwari
4.	Pest Detection In Agricultural Plantation of Cotton Crops Using Convolutional Neural Network Mrs.Sandhya Potadar
5.	Iot Based Night Patrolling Device Nishant Gadhawe
6.	Plant Disease detection using deep learning Pratik Mahankal
7.	Wireless Bomb Detection and disposing Robot Prathamesh Patil
8.	IoT Based Low Cost Bridge Health Monitoring System With Future Predictive Analysis Using MATLAB Zaheen Shaikh
9.	Design And Development Of Low-Cost Eva Shoe For Bunion And Hammer Toe Foot Deformities Arjun Verma
10.	Data analytical aspects of scale development with reference to EFA and CF0A Dr. Umesh Ramchandra Raut
11.	Analysis of Opportunities & Challenges for growth of E-commerce in India Monojit Kumar
12.	Spectral band combinations for land cover classification of satellite images Keerti Kulkarni

Best paper award

SNo	Session Name	Scholar Name	Institute name	Title of the paper
1	Artificial Intelligence and Image processing	Mr.Ankit Dubey DR.Rajendra Gupta	Rabindranath Tagore University,Bhopal	Multilevel streaming clustering algorithm for high dimensional data sets
2	Data Science and Machine Learning	Unnikrishnen Nampoothiry Prof. V.M.Lomte, Samruddhi Pund, Siddhesh Patil, Atharv Relekar Vijay Panse,Dr.Rajendra Gupata	Savitribai Phule Pune University, Pune Rabindranath Tagore University,Bhopal	Automated Data Migration and Analysis using Scripting Brightness Preserving Low Contrast Medical Image Enhancement Based on Local Contrast Stretching and Global Dynamic Fuzzy Histogram Equalization
3	Cloud Computing and IOT	Mrs.Preethy Jemima P Vishnu Priya Shikha Ujjainia, Dr.Pratima Gautam,Dr.S.Veenadhari	SRM university,Chennai Rabindranath Tagore University,Bhopal	Secured and Entertainment based Techniques by Emotion Recognition using Machine Learning Performance Assessment in Precision Agriculture by using Decision Tree Approach

4	Augmented reality(AR) and Virtual reality(VR)	Zaheen Shaikh Jahida Subhedar, Zaid Nidgundi, Snehil Singh	Symbiosis Skills and Professional University	IOT based Low cost Bridge health Monitoring system with future predictive analysis using MATLAB
		Pushpa Tiwari, Dr.S.Veenadhari	Rabindranath Tagore University,Bhopal	INNOVATIVE TECHNIQUE IN COMBATING WITH STRESS IN EMPLOYEES AT WORKPLACE

7. Survey Analysis

7.1 Registered Statistics

Paper Statistics:

Total Papers accepted: 78

Registered: 48

Listeners: 1



Image: Registration Statistics

8. Validatory

Closing summary by convener



Dr.S.Veenadhari
Associate Professor, CSE
RabindraNath Tagore University



Address by

Subeesh A. (Guest of Honour)
Scientist at Indian Council of Agricultural Research (ICAR)
Researcher, Occasional Blogger

9. Vote of Thanks



Vote of Thanks by

Dr. Rajendra Gupta
HOD,CS/IT
RabindraNath Tagore University

International Conference on Data Science, Machine learning and Applications (ICDSMLA-21) held on the 10th-11th June 2021. Which was Organized by CSE and CS/IT Departments, RabindraNath Tagore University, Raisen, Madhya Pradesh.in Association with the Institute for Engineering Research and Publication (IFERP).

The conference was organized with a focus on Machine learning and Applications and it was a great success where eminent keynote speakers from various universities addressed the gathered.

The generous response and active participation of the Organizing Committee Members and Editorial Board members of Machine learning and Applications we take the opportunity to thank all the speakers, delegates and participants for providing their valuable support and time for ICDSMLA 2021.

Organizing Committee would like to thank the Moderator of the conference, and who contributed a lot for the smooth functioning of this event congratulates the Best Paper, Best paper Presentation awardees for their outstanding performance in the field of Machine learning and Applications and appreciates all the participants who put their efforts in poster presentations & Young Researchers form and sincerely wishes them success in future endeavours. We would like to thank the Dr. Marina S. Apilado, Vice President for External Affairs and Quality Assurance, Eastern Samar State University, Philippines for their value judgment.

10. CONCLUSION SUMMARY

ICDSMLA 2021 was a success event organized by IFERP amid the COVID19 with a collective effort from host organization, Organization committee members and all participants. This event provided a learning experience to all and shape ourselves to near future. We would like to conclude with Thank you to all.

OUR ASSOCIATES

