



OCIT 2023
21st International Conference on Information Technology
13th-15th December 2023, Raipur, India www.oits-icit.org

Logos: OITS International Conference on Information Technology (OCIT), OITS Registered in 1998, and the IEEE logo.



Schedule Book



Contact: The Organizing Chairs, OCIT 2023

Department of CSE, NIT Raipur, India.

Email: ocit2023@nitrr.ac.in,

Web: <https://www.oits-icit.org>



21st OITS International Conference on Information Technology (OCIT-2023) 13-15 December 2023



A Glimpse of Day-1 Schedule

December 13th, 2023, Wednesday (* All timings are in IST, IST is GMT+5.30)

| Time | Program | |
|---------------------|--|--|
| 9:30 AM – 10:00 AM | Inaugural Function | |
| 10:00 AM - 10.15 AM | High Tea | |
| 10:30 AM – 11:30 AM | Keynote Session – 1 | |
| 11:30 AM - 12:30 PM | Keynote Session – 2 | |
| 12:30 PM – 13:00 PM | Lunch Break | |
| 13:30 PM – 15:00 PM | Technical Session #1 | Technical Session #2 |
| Paper IDs | AMD-74-009, AMD-86-011, AMD-327-044, AMD-290-040, AMD-195-025, AMD-293-041 | AMD-359-048, AMD-389-055, AMD-415-057, AMD-464-060, AMD-597-081, AMD-173-022 |
| 13:30 PM – 15:00 PM | Technical Session #3 | Technical Session #4 (Offline) |
| Paper IDs | AMD-240-033, AMD-278-038, AMD-379-054, AMD-469-061, AMD-487-065, AMD-525-071 | AMD-10-001, AMD-125-016, AMD-375-053, AMD-49-005, DSC-497-102, DSC-184-092 |
| 15:15 PM – 15:30 PM | Tea Break | |
| 15:30 PM - 17:00 PM | Technical Session #5 | Technical Session #6 |
| DSC | AMD-262-034, AMD-333-045, AMD-366-050, AMD-479-064, AMD-524-070, AMD-527-072 | AMD-275-037, AMD-304-042, AMD-42-004, AMD-75-010, AMD-161-020, AMD-163-021 |
| 15:30 PM – 17:00 PM | Technical Session #7 | Technical Session #8 (Offline) |
| Paper IDs | AMD-286-039, AMD-367-051, AMD-501-066, AMD-528-073, AMD-93-013, AMD-196-026 | DSC-84-090, AMD-510-068, DSC-335-096, NIS-303-115, WIE-529-170 |
| 07:30 PM - 09:00 PM | Gala Dinner | |

Keynote Session – 1

Date:13th December 2023

10.30 AM - 11.30 AM



Dr. Ram Bilas Pachori
Professor, Department of Electrical Engineering, IIT Indore

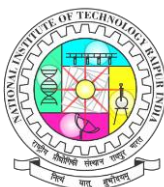
Keynote Session – 2

Date:13th December 2023

11.30 AM - 12.30 PM



Dr. Siba. K. Udgata
Professor, School of computer and Information Sciences, University of Hyderabad, Telangana, India 500046.



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A Glimpse of Day-2 Schedule

December 14th, 2023, Thursday (* All timings are in IST, IST is GMT+5.30)

| Time | Program | |
|----------------------------|--|--|
| 10.00 AM - 11.00 AM | Keynote Session – 3 | |
| 11:00 AM – 11:30 AM | Break | |
| 11:30 AM – 12:30 PM | Keynote Session – 4 | |
| 12:30 PM – 13:30 PM | Lunch Break | |
| 13:30 PM – 15:00 PM | Technical Session #9 | Technical Session #10 |
| Paper IDs | AMD-506-067, AMD-540-075, AMD-583-077, AMD-587-078, AMD-591-079, AMD-38-003 | AMD-530-074, AMD-582-076, AMD-57-008, AMD-99-014, AMD-442-058, SRF-313-155 |
| 13:30 PM – 15:00 PM | Technical Session #11 | Technical Session #12 (Offline) |
| Paper IDs | AMD-603-083, AMD-181-023, AMD-192-024, AMD-612-086, AMD-604-084, AMD-631-087 | DSC-360-097, CEB-538-162, NIS- 287-114, NIS-588-127, NIS-590-128, AMD-608-085 |
| 15:00 PM - 15:30 PM | Tea-Break | |
| 15:30 PM – 17:00 PM | Technical Session #13 | Technical Session #14 |
| Paper IDs | AMD-35-002, NIS-341-116, NIS-342-117, NIS-387-119, PDC-175-133, PDC-329-134 | AMD-51-006, AMD-120-015, AMD- 265-035, AMD-199-027, AMD-215- 030, AMD-307-043 |
| 15:30 PM – 17:00 PM | Technical Session #15 | Technical Session #16 |
| Paper IDs | DSC-65-089, DSC-160-091, DSC-190-094, DSC-191-095, DSC-185-093, DSC-400-098 | DSC-592-105, DSC-586-104, DSC-584-103, DSC-421-099, DSC-441-100, DSC-480-101 |
| 15:30 PM – 17:00 PM | Technical Session #17 (Offline) | Technical Session #18 (Offline) |
| Paper IDs | PDC-78-132, PDC-537-135, PDC-595-136, PDC-599-137, PDC-611-138, CAH-391-168, AMD- 351-046 | MSE-458-144, MSE-589-145, PSI-61-147, PSI-263-151, CEB-462-160, CEB-277-157 |
| 17:00 PM - 19:00 PM | Technical Session #19 | Technical Session #20 |
| Paper IDs | AMD-203-028, AMD-53-007, NIS-143-109, NIS-150-110, NIS-152-111, NIS-255-113 CEB-640-165 | NIS-520-124, NIS-386-118, NIS-403-120, NIS-481-121, NIS-485-122, NIS-488-123, NIS-521-125 |
| 17:00 PM - 19:00 PM | Technical Session #21 | |
| Paper IDs | NIS-543-126, NIS-598-129, NIS-602-130, NIS-635-131, NIS-110-107, NIS-122-108 | |



Vladimir Mladenovic,
Associate Professor, Faculty of Technical Sciences
Čačak, University of Kragujevac

Keynote Session – 3
Date: 14th December 2023
Time: 10:00 AM

Keynote Session – 4
Date: 14th December 2023
Time: 11:30 AM

Dr. Saraju P. Mohanty
Professor, Department of Computer Science and
Engineering, University of North Texas



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National Institute of Technology Raipur, India





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A Glimpse of Day-3 Schedule

December 15th, 2023, Friday (* All timings are in IST, IST is GMT+5.30)

| Time | Program | |
|---------------------|--|--|
| 10:00 AM – 11:00 AM | Industry Talk | |
| 11:00 AM – 11:30 AM | Tea Break | |
| 11:30 AM – 13:00 PM | Technical Session #22 | Technical Session #23 |
| Paper IDs | MSE-97-139, MSE-111-140, MSE-177-141, MSE-187-142, MSE- 234-143, MSE-627-146 | PSI-170-149, PSI-222-150, PSI-334-152, PSI-593-153, PSI-636-154, PSI-139-148 |
| 11:30 AM – 13:00 PM | Technical Session #24 | |
| Paper IDs | CEB-218-156, CEB-358-158, CEB-420-159, CEB-492-161, CEB-544-163, CEB-545-164 | |
| 12:30 PM – 13:30 PM | Lunch | |
| 13:30 PM – 15:00 PM | Technical Session #25 | Technical Session #26 |
| Paper IDs | CAH-220-166, CAH-347-167, WIE- 541-169, AMD-127-017, AMD- 128-018, AMD-155-019 | AMD-231-032, AMD-267-036, AMD-365-049, AMD-372-052, AMD-399-056, AMD-459-059 |
| 13:30 PM – 15:00 PM | Technical Session #27 | Technical Session #28 (Offline) |
| Paper IDs | AMD-474-062, AMD-478-063, AMD-516-069, AMD-601-082, AMD-632-088, AMD-89-012 | AMD-596-080, AMD-357-047, AMD-216-031, AMD-209-029, NIS- 247-112, NIS-33-106 |
| 16:00 PM - 17:00 PM | Valedictory | |

Industry Talk

Date: 15th December 2023

Time: 9:15 AM – 10:15 AM



Mrs. Shanu Agrawal
Senior Data Scientist
Bosch Global Software Technologies Pvt. Ltd.

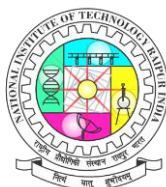
Keynote Session 5

Date: 15th December 2023

Time: 10:30 AM – 11:30 AM



Dr. Deepak Puthal
Assistant Professor
Electrical Engineering And Computer Science
Khalifa University, Abu Dhabi, UAE



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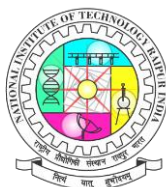
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Detailed Schedule Day-1(13th December 2023)

| Technical Session#1 | | Date: 13 th December 2023 | Time: 13:30 PM-15:00 PM |
|--|---|--|-------------------------|
| Session#1 (S1) : Intelligent Application with Deep Learning | | Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-74-009 | Age Invariant Face Recognition Using Deep Sub-Pixel Resolution Features | Pratham Khandelwal; Ishita Mittal; Dakshita Poddar; Preety Singh | |
| AMD-86-011 | Autoencoder Image Compression For High Compression And Acceptable Quality | Arnav Tyagi, Harshvardhan Aditya, Rishabh Khandelwal, Jagendra Singh, Yogesh Pal, Garima Jaiswal | |
| AMD-327-044 | Detection of Forest Fire Using CNN UNet Model | Sunny Nalluri; Gowtham Veera Venkata Satya Sandeep Ganti; Lakshmi Jyothi Maram | |
| AMD-290-040 | Classification of Road Traffic Accidents Based on Injury Severity and Free Text Injury Descriptions: A Comparative Performance Analysis of Machine Learning and Neural Network Models | Junali Jasmine Jena; Amiya Ranjan Panda; Manoj Kumar | |
| AMD-195-025 | Deep Learning-Based Medical Image Classification of Segmented Particle Swarm Optimization Technique | Soni Singh; Pankaj Kumar Jain; Neeraj Sharma; Mausumi Pohit | |
| AMD-293-041 | Improved firefly Based Pi-Sigma Neural Network for Gold Price Prediction | Sudersan Behera; Pavan Kumar A s; Sarat Chandra Nayak | |
| Technical Session#2 | | Date: 13 th December 2023 | Time: 13:30 PM-15:00 PM |
| Session#2 (S2) : Disease Diagnostic with Machine and Deep Learning | | Track- AMD | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-359-048 | A Personalized Cancer Diagnosis Using Text Based Clinical Data With Machine Learning Models | Anand Geed; Ritesh Chandra; Sadhana Tiwari; Sonali Agarwal; Krishna Pratap Singh | |
| AMD-389-055 | Integrating Explainable AI With Infrared Imaging and Deep Learning for Breast Cancer Detection | Kaushik R; B. B.Sivasekhar; Kamakoti V | |
| AMD-415-057 | Cardiac Risk Factors Identification With Hybrid Statistical Approach and Prediction of Cardiovascular Disease With Machine Learning | Soham Bandyopadhyay; Monalisa Sarma; Debasis Samanta | |
| AMD-464-060 | From Pixels to Prognosis: Exploring Convolutional Neural Networks for Cassava Leaf Disease Diagnosis | Abhishek Pai; Atharv Raotole; Sailee Shirodkar; Sampriit Bose; Mahesh Kolekar | |
| AMD-597-081 | Automated Detection and Diagnosis of Skin-Lesion using Transfer Learning based YOLOv7 Approach | Akshat Garg, Harsh Agrawal, Shashank Mouli Satapathy, Mohammad Umair Khan | |
| AMD-173-022 | Predicting Diabetes: A Comparative Study of Machine Learning Models | Srijita Chakraborty, Amiya Ranjan Panda, Priyal Vadiya, Sayam Samal, Ishita Gupta, Niranjana Ray | |



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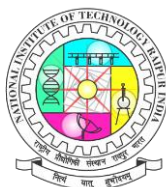
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Detailed Schedule Day-1 (13th December 2023)

| Technical Session#3 | | Date: 13 th December 2023 | Time: 13:30 PM-15:00 PM |
|---|--|--|-------------------------|
| Session#3 (S3) : Text Analytics and NLP | | Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-240-033 | Automatic Extractive Text Summarization for Ho Language | Satya Ranjan Dash; Dula Bankira; Hassen Said Ali; Srinibas Panda; Shantipriya Parida; Ngula Walubita | |
| AMD-278-038 | Telugu News Text Classification: A Comparative Study of RNN Variants | Sumathi D; Veerendra B; Pooja S; Prithi S; Sai Jaideep Mure | |
| AMD-379-054 | Automated Exam Paper Checking Using Semantic Analysis | Madhuri A. Tayal, Rohini Joshi, Mohit Darvekar, Mohit Malghade, Chinmayee Sonboir | |
| AMD-469-061 | Pioneering Frontiers in Natural Language Processing: Exploring Promising Areas and Emerging Applications | Rosamma S; Nagamma Patil | |
| AMD-487-065 | Student Emotional Complexity Analysis with NLP and Machine Learning in Educational Contexts | Sayak Mukhopadhyay; Mangal Singh | |
| AMD-525-071 | Multilingual Hate Speech and Offensive Language Detection | Sapthak Mohajon Turjya, Rina Kumari, Sujata Swain, Anjan Bandyopadhyay | |

| Technical Session#4 | | Date: 13 th December 2023 | Time: 13:30 PM-15:00 PM |
|---|--|--|-------------------------|
| Session#4 (S4) : Intelligent Application with Deep Learning | | Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) | |
| Paper ID | Paper Title | Authors | |
| AMD-10-001 | Skin-Vision: An Innovative Mobile-Based Automated Skin Disease Detection Application | Garika Akshay; Mohammad Irfan; Srinivasa k. Gopalaiyengar; Anurag Singh | |
| AMD-125-016 | An Efficient Video Summarization Technique Using Texture Feature and Spectral Clustering | T Mita Kumari; Dinesh Kumar Dash; Abhimanyu Sahu | |
| AMD-375-053 | Super-Resolution via Deep Enhanced Residual Generative Network with Adversarial Attentive Mechanism | Allen Patnaik; Narendra Chaudhary; Manas Kamal Bhuyan | |
| AMD-49-005 | An Improved Cardiovascular Disease Prediction Model Using Ensembling of Diverse Machine Learning Classifiers | Venkaiah Chowdary B; Chaitanya Datta M; Rajiv Senapati | |
| DSC-497-102 | Intrusion Detection Using Explainable Machine Learning Techniques | Santosh Kumar Sahu; Rishikant Mallick; Smriti Rout; Lalit Vashishtha; Soumyabrata Biswas | |
| DSC-184-092 | EfficientNet Model for Facial Kinship Verification | Madhu Oruganti; Toshnlal Meenpal; Saikat Majumder; Kedhar Phanindra | |



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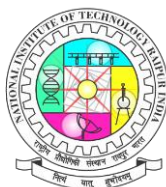
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Detailed Schedule Day-1(13th December 2023)

| | | | |
|---|---|---|---|
| Technical Session#5 | | Date: 13th December 2023 | Time: 15:30 PM-17:00 PM |
| Session#5 (S5) : Intelligent Application in Computer Vision | | | Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-262-034 | Buddy App: Virtual Assistant for Old Aged and Visually Impaired People | Supriya Verma; Kamakhya Narain Singh; Chinmaya Misra; Anupam Samui | |
| AMD-333-045 | Enhancing Traffic Violation Enforcement: A System Utilizing Helmet and Number Plate Detection | Aaron Rocque; Gunjan Nimbalkar; Harsh Sherekar; Rishabh Dubey; Neha Zade | |
| AMD-366-050 | A Comparative and Analytical Study of Text Classification Models Using Various Metrics and Visualizations | Devaraja G; Krishna Vardhni; Dharshita R; Anbazhagan Mahadevan | |
| AMD-479-064 | Prediction of Age and Gender From Masked Face Images Using Convolution Neural Network | Rajiv Kumar; Kuldeep Singh; Dharmendra Prasad Mahato | |
| AMD-524-070 | Body Posture Recognition and Fitness Training | Chetana Thaokar, Himanshu Hiware, Vinay Dongre, Hrushikesh Dagwar | |
| AMD-527-072 | Object Detection for Visually Impaired | Raj Singh, Laksh Jethani, Shubh Sanghvi, Ratnesh Patil, Nabanita Mandal | |
| Technical Session#6 | | Date: 13th December 2023 | Time: 15:30 PM-17:00 PM |
| Session#6 (S6) : Disease Progression and Severity Prediction | | | Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-275-037 | Cascaded Learning Approach for Evaluating Diabetic Retinopathy Severity | Deepali M Kotambkar, Sr.; Pallavi M Wankhede | |
| AMD-304-042 | A Brief Review on Computational Approaches for Analysis of Retinal Fundus Images | Bidwan Rath; Vivekananda Panigrahy; Tusar Kanti Mishra | |
| AMD-42-004 | Image Steered Super Resolution Based Melanoma Cancer Detection | Pujari Venkata Yeswanth; Kunal Vijay Thool; Deivalakshmi S | |
| AMD-75-010 | A Machine Intelligence Based Approach for the Prediction of Human Heart Disease | Ashok Kumar Panigrahi, Chittaranjan Mallick, Kalyan Kumar Jena | |
| AMD-161-020 | Machine Learning Approaches for Improving the Survival Prediction Rate in Heart Failure Patients | Shrejal Singh, Minakhi Rout, Rohan Lana, Suchismita Das, Junali Jasmine Jena, Anuja Kumar Acharya | |
| AMD-163-021 | Analysis of Pneumonia Detection in X-Ray Images Using Different Filters Based Convolution Neural Networks | SUCHISMITA DAS, SUBHANKAR SAMANTA, Minakhi Rout | |



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Detailed Schedule Day-1(13th December 2023)

| | | | |
|--|--|---|---|
| Technical Session#7 | | Date: 13th December 2023 | Time: 15:30 PM-17:00 PM |
| Session#7 (S7) : Intelligent Application using Machine Learning | | | Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-286-039 | Catching Silent Failures: A Machine Learning Model Monitoring and Explainability Survey | Ritesh Ritesh; Kamakhya Narain Singh | |
| AMD-367-051 | Automatic Identification of Fish Species Using Machine Learning | Ashish Virendra Chandak, Prajwal Bante, Arsh Ghaiwat, Nihar Malani | |
| AMD-501-066 | Usability Evaluation of Virtual Communication Tools Using UX/UI Design and ML Techniques | Kamakhya Narain Singh, Anupam Samui, Biswadev Goswami, Manas Mukul, Chinmaya Misra | |
| AMD-528-073 | Analysis of Learning Internal Drive of Private University Students Based on K_Means Clustering Algorithm | Ding Sanjun, Amit Yadav , Asif Khan, Dakshina Yadav | |
| AMD-93-013 | Machine Intelligence for Detection of Dents and Scratches on Car Body | Swati Shilaskar; Shripad Bhatlawande; Akash Nachan; Aditya Patil; Tejas Nilangekar | |
| AMD-196-026 | Blood Pressure Monitoring System Using Machine Learning | Lhaden Lhaden; Phurpa Wangmo; Darshan Subedi; Nima Dorji Tamang; Duk Bahadur Powdye; Kazuhiro Muramatsu | |
| Technical Session#8 | | Date: 13th December 2023 | Time: 15:30 PM-17:00 PM |
| Session#8 (S8) : Data Science with AI Techniques | | | Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) |
| Paper ID | Paper Title | Authors | |
| DSC-84-090 | Machine Learning-Based Software Bug Classification Through Mining Open Source Repositories | Jyoti Prakash Meher, Rajib Mall | |
| AMD-510-068 | A Study on Social Empowerment of AI for Revolutionizing Humankind | Parthasarathi Pattnayak; Prachi Vijayeeta; Kuldeep Mohanty | |
| DSC-335-096 | Exploring the Significance of Feature Analysis in AI/ML Modeling | Santosh Kumar Sahu; Rishikant Mallick; Smriti Rout | |
| NIS-303-115 | From Pixels to Insights: Image Datasets for AI/ML in Software-Defined Networking | Pranav Pant, Rishikant Mallick, Santosh Kumar Sahu, Lalit Kumar Vashishtha | |
| WIE-529-170 | Mobile robot navigational planning using grasshoper algorithm | Brejesh Patel, Varsha dubey, Nidhi Sharma | |



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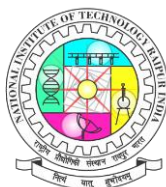
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Detailed Schedule Day-2(14th December 2023)

| Technical Session#9 | | Date: 14 th December 2023 | Time: 13:30 PM-15:00 PM |
|---|---|--|-------------------------|
| Session#9 (S9) : Intelligent Application with Deep Learning | | Track- AMD | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-506-067 | Real Time Vision Based Obstacle Avoidance for UAV Using YOLO in GPS Denied Environment | Sanjukumar N T; G Ujwal Sai; Prasanth Kumar Duba; P Rajalakshmi | |
| AMD-540-075 | Unlocking the Potential of Unlabeled Data: Semi-Supervised Learning for Stratification of Hyperspectral Images | Pallavi Ranjan, Rajeev Kumar, Ashish Girdhar | |
| AMD-583-077 | Effect of Domain on Word Prediction quality: Using Stochastic and Neural Network Models | Amiya Kumar Dash, Roshni Pradhan, Sarita Tripathy, Santos Kumar Baliarsingh | |
| AMD-587-078 | Efficient Object Detection and Labeling in Retail Environments using MobileNetV2 with Inverted Residuals | Ronit Raj, Priyanshu Tiwari, Mahendra Kumar Gourisaria, Himansu Das | |
| AMD-591-079 | Sentiment classification of reviews using combination of Firefly Algorithm and ANN | Abinash Tripathy, Utpal Chandra De, Bibhuti Bhusan Dash, Sudhansu Shekhar Patra, Ch. Chakradhara Rao, Trilok Nath Pandey | |
| AMD-38-003 | Genetic Algorithm Based Feature Selection and Bankruptcy Prediction Using GAN Based Hybrid Model | Minakhi Rout; Sasmita Manjari Nayak | |
| Technical Session#10 | | Date: 14 th December 2023 | Time: 13:30 PM-15:00 PM |
| Session#10 (S10) : Stock Price Prediction with Deep Learning and student research forum | | Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-530-074 | An Hybrid Stacked LSTM Approach to Forecast the Stock Prices | Ajaya Parida; Minakhi Rout; Naliniprava Behera; Nirupama Parida; Raj Kumar Parida | |
| AMD-582-076 | A Hybrid Stock Price Prediction Model Based on KELM and BiLSTM | Ajay Kumar Jena, Ajaya Kumar Parida, Prakhar Rajput | |
| AMD-57-008 | Stock Market Prediction Under a Deep Learning Approach Using Variational Autoencoder, and Kernel Extreme Learning Machine | Hemant Kumar; Ajaya Parida; Rina Kumari; Aru Ranjan Singh; Anjan Bandyopadhyay; Sujata Swain | |
| AMD-99-014 | Recommendations on Financial Models for Stock Market Prediction using ARIMA and LSTM | Papia Banerjee; Rajashree Nayak | |
| AMD-442-058 | Stock Market Price Prediction Using GRU and XGB | Aashmit Shrestha; Rina Kumari; Naliniprava Behera; Ajaya Parida; Nirupama Parida; Raj Kumar Parida | |
| SRF-313-155 | FruitPAL 2.0: A Smart Healthcare Framework for Automatic Monitoring of Fruit Consumption | Abdulrahman Alkinani; Alakananda Mitra, Saraju P Mohanty; Elias Kougianos | |



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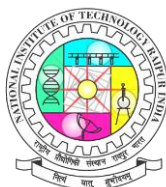
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Detailed Schedule Day-2(14th December 2023)

| Technical Session#11 | | Date: 14 th December 2023 | Time: 13:30 PM-15:00 PM |
|---|--|--|-------------------------|
| Session#11 (S11) : Evolving EEG Signal and NLP in Deep Learning | | Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-603-083 | EEG-based Emotion Recognition based on DEAP Dataset with Genetic Algorithm Augmented Multi-Layer Perceptron | Sujata Kulkarni, Prakashgoud Patil | |
| AMD-181-023 | Fusion of Time and Frequency Domain Attributes for the Automated Recognition of Emotion Using EEG Recordings | Maithri M; Raghavendra U; Anjan Gudigar; Sambrama Hegde; Samir Kumar Praharaj | |
| AMD-192-024 | Prediction of Depression Using Emotion and Sentiment Analysis | Anurag Pal; Tanmoy Maitra; Debasis Giri | |
| AMD-612-086 | Speech to Lip Sync generation using Deep learning Algorithm | P Hirishikesh, MVS Yaswanth, Helen Victoria A | |
| AMD-604-084 | Measuring the Quality of Text Summarization: A Survey of Evaluation Approaches | Rosamma K S, Nagamma Patil | |
| AMD-631-087 | LANGUAGE DETECTION USING MACHINE LEARNING | Amlan Nayak, Amiya Ranjan Panda, Debapam Pal, Sudatta Jana, Manoj Kumar Mishra | |

| Technical Session#12 | | Date: 14 th December 2023 | Time: 13:30 PM-15:00 PM |
|--|---|--|-------------------------|
| Session#12 (S12) : Networking and Information Security (NIS) | | Track- Networking and Information Security (NIS) | |
| Paper ID | Paper Title | Authors | |
| DSC-360-097 | Intuitionistic Fuzzy Set Based Ensemble Approaches for Software Bug Triaging | Rama Ranjan Panda; Naresh Nagwani | |
| CEB-538-162 | Stimator: A Method in Agriculture CPS Framework to Estimate Severity of Plant Diseases Using Graph Neural Network | Kiran K Kethineni, Saraju P Mohanty, Elias Kougianos | |
| NIS-287-114 | AcadChain: A Blockchain Integrated Secure and Privacy Preserved Student Feedback System | Pragya Mittal; Anand Kumar Bapatla; Manas Ranjan Lenka; Saraju P Mohanty | |
| NIS-588-127 | High frequency architecture of lightweight authenticated cipher ELEPHANT -160 for resource-constrained IoT applications | Nidhi Baurai, Zeesha Mishra, Bijayananda Patnaik, Bibhudendra Acharya | |
| NIS-590-128 | High frequency architecture of lightweight authenticated cipher ASCON-128 for resource-constrained IoT devices | Linga Pallavi, Pulkit Singh, Bijayananda Patnaik, Bibhudendra Acharya | |
| AMD-608-085 | Predicting the Borrower's Genuineness in Loan Repayment through Big Data Analytics | Abhiram P., Nishanth Artham, Narsimha Reddy Alipeddi, K.H Vijaya Kumari | |



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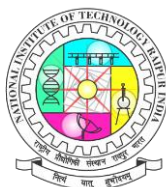
Information Technology (OCIT-2023)

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Detailed Schedule Day-2(14th December 2023)

| | | | |
|--|--|---|--------------------------------|
| Technical Session#13 | | Date: 14th December 2023 | Time: 15:30 PM-17:00 PM |
| Session#13 (S13) : Sequential, Parallel, Distributed, Cloud Computing (PDC) and Wireless Sensor Network | | Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-35-002 | Water Pump Health Prediction in Industrial Wireless Sensor Network Using Supervised Learning | Kalyan Kumar Jena; Debasis Mohapatra; Asish Kumar Roy | |
| NIS-341-116 | Secure Beamforming Assisted NOMA-SM Based Multiuser MISO Downlink Transmission With Artificial Noise | Shekhar Pratap Singh, Pyari Mohan Pradhan | |
| NIS-342-117 | Android Malware Detection and Family Classification Using Permission Features With Intrusion Awareness | Praful R Pardhi; Jitendra Kumar Rout; Vanshika V. Bais; Kapil V. Pawar; Mamta R. Yadav; Harsh C. Gade | |
| NIS-387-119 | Application of Hybrid Approach Towards Multi Aspect Classification and Analysis of Malware | Debashreet Das; Shashank Mouli Satapathy; Ajitha Daddala; Aman Agarwal | |
| PDC-175-133 | Mitigating Serverless Tail Latency: A Comprehensive Study of Factors and Strategies | Anisha Kumari; Ranjan Kumar Behera; Bibhudatta Sahoo | |
| PDC-329-134 | An Energy Efficient Virtual Machine Placement Scheme for Intelligent Resource Management at Cloud Data Center | Smruti Rekha Swain; Anshu Parashar; Ashutosh Singh; Lee Chung-Nan | |
| Technical Session#14 | | Date: 14th December 2023 | Time: 15:30 PM-17:00 PM |
| Session#14 (S14) : AI and Deep Learning Application for Real world | | Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-51-006 | Automated Road Anomaly Detector in VANET by Using Deep Learning | Shweta Vipin Bondre, Sr.; Vipin Bondre; Uma Yadav; Bhakti Thakre; Jaya Nanwani | |
| AMD-120-015 | A Data-Driven Approach Using LSTM for SoC Estimation in Electric Vehicle Battery Systems | Manish Mohandas Narkhede; Satyashil D. Nagarale; Nilkanth Chopade; Bhagwat P. Patil | |
| AMD-265-035 | Optimizing Technical Analysis and Stock Price Analysis Using: BLRM-QNDNL | Sudhakar Kalva , Satuluri Naganjaneyulu, Sudhakar K | |
| AMD-199-027 | Explainable Artificial Intelligence With Deep Learning Framework for Glaucoma Assessment on Fundus Images | Bidwan Rath; Vivekananda Panigrahy; Tusar Kanti Mishra | |
| AMD-215-030 | Seeing the Unseen: Aid for the Visually Impaired Using Monocular Depth Estimation of Objects and Self-Training | Mayank Narayan; Aditya Kotha; Sainath Reddy; Venkanna U. | |
| AMD-307-043 | An Advancement in Forensic and Criminal Investigation Through Artificial Intelligence | Shaina Santosh Das; Sanghamitra Patnaik; Parthasarathi Pattnayak; Arpeeta Mohanty | |



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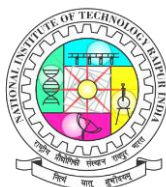
Information Technology (OCIT-2023)

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Detailed Schedule Day-2(14th December 2023)

| Technical Session#15 | | Date: 14th December 2023 | Time: 15:30 PM-17:00 PM |
|---|---|--|--------------------------------|
| Session#15 (S15) : Machine and Deep learning in Data Science | | Track- Data Science (DSC) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| DSC-65-089 | Clustering and Deep Learning - Based Anomaly Detection in Gas Sensor Data | Kruthi R; Srivathsav M; Vinu Abinayaa R; Hemalatha R | |
| DSC-160-091 | Dynamic Population-Based Jaya Algorithm for Genetic Biomarker Classification | Santos Kumar Baliarsingh; Prabhu Prasad Dev; Ashutosh Bhoi; Jasaswi Prasad Mohanty; Jhalak Hota | |
| DSC-190-094 | StegaNet: A Deep Learning Model for Image Steganography Using Customized CNN and Autoencoders | Shree S Nadguda; Pennamada Yogeeshwar Reddy; Sumathi D | |
| DSC-191-095 | AttentionFractalCovNet Architecture for Breast Ultrasound Image Segmentation | Rhythm Agarwalla; Satyajeet K Ray; Sourav Paul | |
| DSC-185-093 | Classification of Events Tweets Using Machine Learning | Tarun Jain, Dinesh Gopalani, Yogesh Kumar Meena | |
| DSC-400-098 | Analysis of Motor Skills for Parkinson's Disease Diagnosis | Elavaar Kuzhali S; Vanitha Kashipura Manjanaik; Prabha Ravi; Sanshrit Bakshi; Anweshaa Baruah; Sahil Roy | |
| Technical Session#16 | | Date: 14th December 2023 | Time: 15:30 PM-17:00 PM |
| Session#16 (S16) : Data Science with Intelligent Application | | Track- Data Science (DSC) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| DSC-592-105 | Skin cancer detection using image features and ensemble learning | Nalini Prava Behera, Akhilendra Pratap Singh, Jitendra Kumar Rout, Bunil Kumar Balabantaray, Aleena Swetapadma | |
| DSC-586-104 | A Review on Lung Cancer Detection and Classification using Shallow Learning and Deep Learning | AK Swain, A Swetapadma, JK Rout, B K Balabantaray | |
| DSC-584-103 | Alzheimer's Disease Prediction using SVM Kernel's with PCA Architecture | Ruchi Patel, Ashok Kumar Verma, Ravindra V. Kshirsagar, Neelesh Kumar Sahu | |
| DSC-421-099 | Designed Framework for Advanced Intelligent Job Recommendation System | Debashis Sahoo, Suwendu Chandan Nayak, Nayan Ranjan Paul, Sadanand Saha, Prangyan Ranjan Patra, Pritam Kumar Kuanr | |
| DSC-441-100 | Automatic Language Detection for Low Resource Ho Language | Dula Bankira; Debajyoty Banik; Satya Ranjan Dash; Smriti Nayak | |
| DSC-480-101 | Integrating Structural Features for Link Prediction in Directed Social Network Using Supervised Machine Learning With SHapley Additive exPlanations | Debasis Mohapatra, Satnam Singh, Rupsalin Pradhan, Soumya Ranjan Behera | |



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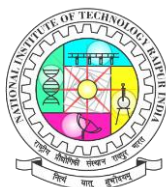
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| Technical Session#17 | | Date: 14 th December 2023 | Time: 15:30 PM-17:00 PM |
|---|--|--|-------------------------|
| Session#17 (S17) : Sequential, Parallel, Distributed and Cloud Computing (PDC), CHA | | Track- Sequential, Parallel, Distributed and Cloud Computing (PDC)& CHA | |
| Paper ID | Paper Title | Authors | |
| PDC-78-132 | Digital Identity System Using Blockchain-based Self Sovereign Identity & Zero Knowledge Proof | Abhijeet R. Raipurkar, Shreyas Bobde, Anurag Tripahi, Mohit Sahu | |
| PDC-537-135 | Leveraging Towards Dynamic Allocations of Mist Nodes for IoT-Mist-Fog-Cloud System Using M/Er/1 Queueing Model | Satyaban Behera, Menakshi Kandpal, Veena Goswami, Nachiketa Tarasia, G B Mund, Rabindra K. Barik | |
| PDC-595-136 | ECO-RL-ECA: Efficient Computation Offloading using Reinforcement Learning in Edge-Cloud Architecture | Prashant Shukla, Shivani Gupta, Sudhakar Pandey | |
| PDC-599-137 | GPS Spoof and Detect in Ardupilot Simulating UAVs | Shobhit Gupta, Satya Kiran Patnala, Warish W, Neha Agrawal, Nikhil Tripathi, Pavan Kumar B N, Balaji Raman | |
| PDC-611-138 | A Deep Dive into Product Backlog Prioritization Technique in Scrum | Krishna Chakravarty, Jagannath Singh | |
| CAH-391-168 | PMsec 2.0: A Security-By-Design Solution for Doctor's Dilemma Problem | Venkata Bathalapalli; Saraju P Mohanty; Elias Kougianos; Vasanth Iyer; Bibhudutta Rout | |
| AMD-351-046 | AI-Enabled Learning for Imbalanced Class Data Using Spark Streaming Concepts | Sadhana Tiwari, Mohammad Zohair, Ritesh Chandra, Sonali Agarwal, Parikshit Agarwal | |

| Technical Session#18 | | Date: 14 th December 2023 | Time: 15:30 PM-17:00 PM |
|--|--|---|-------------------------|
| Session#21 (S21) : Multimedia, IOT,CBE | | Track- Multimedia, Signal Processing, Embedded Systems(MSE) | |
| Paper ID | Paper Title | Authors | |
| MSE-458-144 | Automatic Image Registration Using SIFT and AKAZE: An Application for Preservation of Cultural Heritage | Lumlang Sawkmie; Sonali Samal; Bunil Kumar Balabantaray | |
| MSE-589-145 | ANN Equalizer for Ultra-high Capacity Multiplexed IsOWC system | Utpal Das,Bijayananda Patnaik, Bibhudendra Acharya | |
| PSI-61-147 | Review of IGBTs Device Structure Under Radiation Environment | Surabhi Gupta; Devendra Kumar Meda | |
| PSI-263-151 | Digital Twin: IoT Resources Metrics Measurement Using the Server-Based Agent | Shabnam Chandrakar; Manju Pandey | |
| CEB-462-160 | A Short Survey on Fog Computing and Its Convergence With Internet of Things (IoT) Network | Madhusmita Samal; Sangram Ray; Mou Dasgupta | |
| CEB-277-157 | agroString 2.0: A Distributed-Ledger based Smart Agriculture Framework to Ensure Transparency in Food Delivery | Sukrutha Vangipuram; Saraju P Mohanty; Elias Kougianos | |



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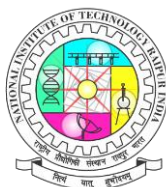
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| | | | |
|---|--|---|--------------------------------|
| Technical Session#19 | | Date: 14th December 2023 | Time: 17:00 PM-19:00 PM |
| Session#19 (S19) : Information and Cybersecurity | | Track- Networking and Information Security (NIS) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| AMD-203-028 | An Empirical Framework for Malware Prediction Using Multi-Layer Perceptron | Vikram Singh; Lov Kumar; Anoop Kumar Patel; Aneesh Krishna | |
| AMD-53-007 | Identifying Insider Cyber Threats Using Behaviour Modelling and Analysis | Manjith Baby Sarojam Chellam; Tej Akash; Alaka Jayan; Nimit Gaur; Saddikuti Vishnu | |
| NIS-143-109 | A Novel Scheme for Interference Mitigation in D2D Enabled Cellular Networks | Sambi Reddy Gottam, Udit Narayana Kar, Asish Dalai | |
| NIS-150-110 | A Fast Image Encryption Scheme for Diverge Applications Using Chaotic Index Swapping Confusion-Diffusion | Dhandapani Muralibalakrishnan Sujan; Akshat Singh; K Abhimanyu Kumar Patro | |
| NIS-152-111 | A Secure and Efficient Multi-Key Image-Based Bit-Level Colour Image Encryption System Using Chaotic Maps | Ansh Sodhani; Nikhil R Pandit; K Abhimanyu Kumar Patro | |
| NIS-255-113 | Route Optimization Algorithms for Faster E- Commerce Delivery | Esha A Shah; Janki B Kanakia; Param V Jadhav; Sachi P Shah; Tvisha R Modi; Artika Singh | |
| CEB-640-165 | A Hybrid Encryption Approach using DNA-Based Shift Protected Algorithm and AES for Edge-Cloud System Security | Sambit Kumar Mishra, Chandan Cherukuri, Pavuluri Venkata Dheeraj, Deepak Puthal | |
| Technical Session#20 | | Date: 14th December 2023 | Time: 17:00 PM-19:00 PM |
| Session#20 (S20) : Blockchain and Wireless Sensor Networks | | Track- Networking and Information Security (NIS) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| NIS-520-124 | Sand Dune Computing (SDC): A New Framework for Efficient Execution of User Requests to Support Device-Server Model | Sourav Kumar Bhoi | |
| NIS-386-118 | Towards a Secure and Reliable Digital Repository for Land Records in India: A Blockchain-Based Approach | Dilipkumar Borikar; Pratiksha Ekbote; Ayush Shete; Stuti Agrawal; Sania Ahmed | |
| NIS-403-120 | Analytic Hierarchy Process Based Medium Access Control Protocol for Multi-Channel Wireless Sensor Networks | Siddhartha Adhyapok; Bhaskar Bhuyan; Umang Sharma; Hiren Kumar Deva Sarma | |
| NIS-481-121 | Interference Aware D2D Multicasting Using Modified Hungarian Method | Poulomi Mukherjee; Tanmay De | |
| NIS-485-122 | SAK-SAE: A Secure Authentication and Key-Exchange Scheme for Smart Agricultural Environment Using Fuzzy Extractor | Indra Bahadur Chettri, Sangram Ray, Priyanka Das | |
| NIS-488-123 | ACL Assisted Security Mechanism Against Low-Rate DDoS Attack in SDN-Cloud-IoT Networks | Rohit Kumar; Neha Agrawal | |
| NIS-521-125 | A Fault-Tolerant Technique for Future Social IoV Using Evolutionary Computation Based Whale Optimization Model | Satyabrat Sahoo, Satya Prakash Sahoo, Ram Barik, Manas R Kabat | |



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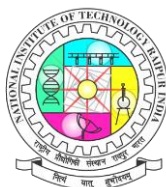
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Detailed Schedule Day-2(14th December 2023)

| Technical Session#21 | | Date: 14 th December 2023 | Time: 17:00 PM-19:00 PM |
|---|--|--|-------------------------|
| Session#21 (S21) : Security in Blockchain and Wireless Sensor Network | | Track- Networking and Information Security (NIS) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| NIS-543-126 | A Hierarchical Fault-Tolerant Energy Efficient Routing Protocol for Mobile Wireless Sensor Networks Based IoT System | Hiren Kumar Deva Sarma, Siddhartha Adhyapak, Bhaskar Bhuyan, Umang Sharma, Debashis Dev Misra, Prativa Rai | |
| NIS-598-129 | Efficient Smart contract for Privacy Preserving Authentication in Blockchain using ZeroKnowledgeProof | Devishree Naidu, Bhushan Wanjari, Rohit Bhojwani, Saurabh Suchak, Rahul Baser, Niranjana Ray | |
| NIS-602-130 | Securing E-Voting using Hyperledger Fabric: A Permissioned Blockchain Approach | Chirag Jain, Varsha Hole, Luv Gupta, Manav Ranawat | |
| NIS-635-131 | A blockchain-based human-machine reconciliation mechanism for increasing customer confidence in the agricultural supply chain management | Deepak Kumar Acharya, Manish Shrivastava, Payodhar Padhi, Santosh Kumar Nanda, Niranjana Kumar Ray | |
| NIS-110-107 | SIQTRS e-Epidemic Model: A Comprehensive Framework for Analyzing and Managing Computer Virus Propagation in Networks | Swapnita Mohanty, Prasanta Kumar Nayak, Arjun Paul, Antaryami Basantia | |
| NIS-122-108 | Mathematical Modeling for Understanding the Computer Virus Behavior in a Network and Its Stability Analysis | Swapnita Mohanty; Prasanta Kumar Nayak; Shaktiprasad Mohanty; Antaryami Basantia | |



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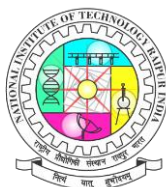
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Detailed Schedule Day-3(15th December2023)

| Technical Session#22 | | Date: 15 th December 2023 | Time: 11:30 AM-13:00 PM |
|---|---|--|-------------------------|
| Session#22(S22): Multimedia, Signal Processing, Embedded Systems(MSE) | | Track: Multimedia, Signal Processing, Embedded Systems(MSE) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| MSE-97-139 | Contactless Heart Rate Monitoring System | Diana Josephine D, Adhavan R , Dhiranesh A, Sujan S K, Vishnu P G | |
| MSE-111-140 | A Comprehensive Survey on Image Filtering & Inpainting for Improved Image Quality | Kalpana S Patil, Varsha Bendre | |
| MSE-177-141 | Software Framework for Physical Layer of Home-Plug GreenPhy | Vivek T S; Sivraj P | |
| MSE-187-142 | Hybrid Karatsuba Approximate Multiplier Utilizing a 4x4 Approximate Multiplier | Parisa Sai Soniya, Pathallapalli Hareesha, Thamballa Dheeraj, Sruthi Eate, Katikala Haveela Evangeline, Gundugonti Kishore Kumar | |
| MSE-234-143 | Quality Assessment of Banana Fruit Using Image Processing | J Eswara Rao , M Devisri , B Jayendra Nayak , B Lakshmi Sirisha | |
| MSE-627-146 | Physiological Signals based Student Grades Prediction using Machine Learning | Vanshikha Agarwal, Naeem Ahmad, Md Gulzarul Hasan | |

| Technical Session#23 | | Date: 15 th December 2023 | Time: 11:30 AM-13:00 PM |
|---|--|--|-------------------------|
| Session#23 (S23) : Power, Smart Grid and Internet of Things (PSI) | | Track: Power, Smart Grid and Internet of Things (PSI) | |
| Link: | | | |
| Paper ID | Paper Title | Authors | |
| PSI-170-149 | IoT-Based Smart Irrigation System for Optimal Water-Resource Utilization in Indian Agriculture | Ashutosh Bhoi; Santos Kumar Baliarsingh; Prabhu Prasad Dev; Umashankar Ghugar; Manas Ranjan Biswal | |
| PSI-222-150 | Secured Peer-To-Peer Energy Trading and Demand Response in Transactive Energy Systems | Suryakanta Panda; Nilotpal Chakraborty; Angshuman Jana | |
| PSI-334-152 | The Skin Impedance is Implemented in the Glove Rupture Detection System | Shabana Modi, Yogesh Mali, Vishal Borate, Abhijeet Kadke, Savitri Mane, Sweta Dargad | |
| PSI-593-153 | A Review on Dependable Wireless Sensor Networks for Industrial IoT (IIOT) | Deepika Rani Sahu, Niranjan Kumar Ray, Pradyumna Kumar Tripathy | |
| PSI-636-154 | Smart Contract-Based Access Control Models in IoT : Opportunities and Challenges | Manas Ranjan Lenka, Pinaki Sankar Chatterjee, Niranjan K. Ray | |
| PSI-139-148 | Energy Aware Task Scheduling in IoT Based Fog Environment | Niva Tripathy; Sampa Sahoo; Suvendu Nayak | |



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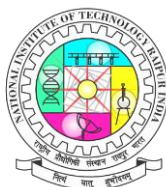
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| Technical Session#24 | Date: 15 th December 2023 | Time: 11:30 AM-13:00 PM |
|--------------------------|--|---|
| Session#24 (S24): CBH | | Track: CBH |
| Link: | | |
| Paper ID | Paper Title | Authors |
| CEB-218-156 | Blockchain Applications in IoT-Based Healthcare System- A Review | Anita Sahoo; Rakesh Lenka; Soubhagya Ranjan Mallick; Pradyumna Kumar Tripathy |
| CEB-358-158 | A Novel Dynamic D2D-Assisted Offloading Decision Making in Multi-User Edge Computing Environment | Sasmita Rani Behera; Niranjan Panigrahi; Sourav Kumar Bhoi |
| CEB-420-159 | Blockchain Based Drug Supply-Chain Management System | Arup Sarkar; Monideepa Roy |
| CEB-492-161 | A Fault-Tolerant Load Balancing Approach Using Whale Optimization Algorithm for Cloud-Fog Based IoT Applications | Ranumayee Sing; Sourav Kumar Bhoi Niranjan Panigrahi |
| CEB-544-163 | SmartInsure: Blockchain and CNN Leveraged Secure and Efficient Cattle Insurance | Anand Kumar Bapatla, Aishani Gupta, Saraju P Mohanty, Elias Kougianos |
| CEB-545-164 | Fortified Edge 3.0: A Lightweight Machine Learning Based Approach for Security in Collaborative Edge Computing | Seema Aarella and Saraju P Mohanty, Elias Kougianos |

| Technical Session#25 | Date: 15 th December 2023 | Time: 13:30 PM-15:00 PM |
|-----------------------------------|--|--|
| Session#25 (S25) :AI, CAH and WIE | | Track: AI,CAH and WIE |
| Link: | | |
| Paper ID | Paper Title | Authors |
| CAH-220-166 | Heart Disease Prediction Using Machine Learning Algorithms From ECG Images: A Short Summary | Annam Nandini, Arati Behera, Tapas Mishra |
| CAH-347-167 | FortiRx 2.0: Smart Privacy-Preserved Demand Forecasting of Prescription Drugs in Healthcare-CPS | Anand Kumar Bapatla; Saraju P Mohanty; Elias Kougianos |
| WIE-541-169 | Energy-Efficient Cluster Based Routing Protocol to Enhance the Lifetime of Wearable Wireless Body Area Networks (WBAN) | Rasmita Kumari Mohanty,Ravi Kanth Motupalli ,D. Manju, Malige Gangappa, B.Gouthami, G.Mounika |
| AMD-127-017 | Automated Classification of Animal Vocalization Into Estrus and Non-Estrus Condition Using AI Techniques | Sugandha Sharma; Anamika Phogat; Virender Kadyan |
| AMD-128-018 | Multiwavelet-Based Distilled Transformer Network for Remote Sensing Image Super Resolution | Sudaroli Sandana J; Kunal Vijay Thool; Deivalakshmi S |
| AMD-155-019 | Recent Works in Sign Language Recognition: A Flashback | R. Sreemathy, Jayashree Jagdale, Aagaaz Ali Sayed, Smeet H. Ramteke, Syed Farhan Naqvi, Aditya Kangune |



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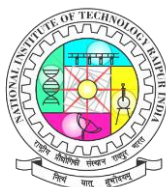
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| Technical Session#26 | Date: 15 th December 2023 | Time: 13:30 PM-15:00 PM |
|--|--|--|
| Session#26 (S26) : AI Potential with Machine & Deep Learning | | Track: AMD |
| Link: | | |
| Paper ID | Paper Title | Authors |
| AMD-231-032 | Decentralized Pest Detection in Plants With Blockchain Integrated Machine Learning Models | Shantilata Palei; Rakesh Lenka; Soubhagya Ranjan Mallick; Sanjay Saxena; Pradyumna Kumar Tripathy |
| AMD-267-036 | Enhancing Hyperspectral Band Selection Using Jaya Optimization Algorithm | Suchismita Behera; Partha Pratim Sarangi; Bhabani Mishra |
| AMD-365-049 | Smart Healthcare Monitoring System: Integrating IoT, Deep Learning, and XGBoost for Real-Time Patient Diagnosis | Kruthika Paulraj; Nisha Soms; David Samuel Azariya S; Sathiya Priya Shanmugam; Jeba Emilyn J, Vidhushavarshini Sureshkumar |
| AMD-372-052 | Capsule-CRF Fusion: An Efficient & Novel Method for Precise Skin Lesion Localization and Boundary Estimations | Namrata Verma; Pankaj Kumar Mishra; Rekh Ram Janghel |
| AMD-399-056 | An Effective CAD System Using Tchebichef Features and Fisher Score-Based Distributed Filter for Digital Mammogram Classification | Figlu Mohanty; Suvendu Rup; Chinamyee Dora |
| AMD-459-059 | Leveraging Teacher Ensembles to Mitigate Label Noise in Clustering-Based Unsupervised Domain Adaptation for Person Re-Identification | Sidharth Samanta; Debasish Jena; Suvendu Rup |
| Technical Session#27 | Date: 15 th December 2023 | Time: 13:30 PM-15:00 PM |
| Session#27(S27) : Diverse Applications in Deep Learning | | Track: AMD |
| Link: | | |
| Paper ID | Paper Title | Authors |
| AMD-474-062 | Comparative Analysis of PSO Variants for Efficient Optimization of Hydrogen IC Engines | Khushbu Dash, Aman Panda, Nachiketa Mishra |
| AMD-478-063 | Gated Recurrent Neural Network and Generation Adversarial Networks for Aspect Based Web Service Classification | Sridevi S; Karpagam Manavalan; Vinoth Kumar B; Ezhilarasi V |
| AMD-516-069 | Investigation of symmetric and asymmetric eye patterns for bell's palsy diagnosis | Ravi Prasad Thati; Janardhan Naulegari |
| AMD-601-082 | Application Of Zebra Optimisation Algorithm For Solving Optimal Power Flow Issues | Jitendra Kumar Choudhary, Rakesh Rohan, Deoraj Kumar Tanti, Nisha Kumari, Prakash Kumar |
| AMD-632-088 | System for Detecting Drowsiness in Drivers | Amiya Ranjan Panda, Bratasheel Mondal, Subhranil karmakar, Atri Bandyopadhyay, Manoj Kumar Mishra |
| AMD-89-012 | Object Detection With Augmented Reality | Arnav Tyagi, Dev Rajpal, Annie David, Jagendra Singh, Hardeo Kumar Thakur, Kamal Upreti |



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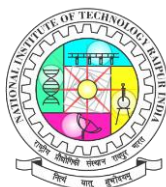
Information Technology (OCIT-2023)

13-15 December 2023



Detailed Schedule Day-3(15th December2023)

| Technical Session#28 | | Date: 15 th December 2023 | Time: 13:30 PM-15:00 PM |
|---|--|--|-------------------------|
| Session#28 (S28) : | | Artificial Intelligence, Machine Learning and Network Application | |
| Track- Artificial Intelligence, Machine Learning, and Deep Learning(AMD) & Networking and Information Security (NIS) | | | |
| Paper ID | Paper Title | Authors | |
| AMD-596-080 | Sentiment-Aware Detection Method of Fake News Based on Linguistic Fuzzy Bi-LSTM | Rakhi Seth, Aakanksha Sharaff | |
| AMD-357-047 | A Novel Hybrid Model for Predictive Analysis of Myocardial Infarction Using Advanced Machine Learning Techniques | Abhishek Shrivastava; Santosh Kumar; Nenavath Srinivas Naik; Tejasv Bhatt | |
| AMD-216-031 | Detection of Ground Holes Using Deep Learning for Surveillance | Naeem Ahmad; Dibakar Saha; Ankit Pandey | |
| AMD-209-029 | XAIA: An Explainable AI Approach for Classification and Analysis of Blood Anemia | Jyoti Prajapati; Venkanna U.; Debanjan Das; Rajarshi Mahapatra; Preetam Narayan Wasnik | |
| NIS-247-112 | Comprehensive Analysis of Routing Protocols in the Context of Internet of Vehicles | Nidhi Jaswani; Mou Dasgupta | |
| NIS-33-106 | A Reversible Color Image Watermarking Technique Using Zero Difference Pairs | Bharathi Chidirala; Bibhudendra Acharya | |



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