







Innovation & Research in Science and Technology for Sustainable Development

May 29-30, 2025

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CERTIFICATE OF PAPER PRESENTATION

This is to certify that Prof./Dr./Mr./Ms.

Chaithra K (NMAM Institute of Technology (NMAMIT), Department of mathematics, Nitte, Karkal

has presented a paper entitled

Distance Magic Labeling on Regular Graphs

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

Dr. Taniya Sengupta Rathore Convener

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Dr. R. D. Patidar

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This is to certify that Prof./Dr./Mr./Ms.

Debasmita Dash (O.P. Jindal University, Raigarh, Chhattisgar)

has presented a paper entitled

Coefficient Estimates and Geometric Analysis of a New BiUnivalent Function Class

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Jagriti Sahu (MATS University, Raipur, Chhattisgarh)

has presented a paper entitled

Exploring the Efficacy of Convolutional Neural Networks in Skin Disease Classification

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Tokeshwar Prasad (Shri Rawatpura Sarkar University Raipur)

has presented a paper entitled

A Machine Learning Framework for Early Detection and Prognostic Assessment of Lung Cancer Using CT Imagi

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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Sneha Joshi (Maharaja Agrasen Institute of Technology New Delhi)

has presented a paper entitled

Diabetes Prediction using Machine Learning

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Yash Goyal (Maharaja Agrasen Institute of Technology Delhi)

has presented a paper entitled

Financial Fraud Detection

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Prakriti Rai (Maharaja Agrasen Institute of Technology, Rohini, New Delhi)

has presented a paper entitled

Skin Disease Detection Using Machine Learning

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Jay Chandra Yadav (Manipal University Jaipur)

has presented a paper entitled

Optimization of Multi-Objective Transportation Problem Using Fuzzy Programming Approach

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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A. Valdez (Rizal Technological University, Cities of Mandaluyong and Pasig, Metro Manila,

Philippines)
has presented a paper entitled

Comparative Analysis on Artificial Intelligence (AI-Assisted) and Personalized Learning Approaches in Grade 1

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable

Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Ravi Ranjan (Department of Mechanical Engineering, Delhi Technological University)

has presented a paper entitled

Strategic Efficiency and Productivity Analysis of India's Private General Insurers- using SBM-DEA and the

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable

Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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R. Cerado (Rizal Technological University, Cities of Mandaluyong and Pasig, Metro Manila,

Philippines)
has presented a paper entitled

Integer Ninja: Evaluating the Efficacy of Game-Based Application in Improving Student Attitudes and Numerac

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Tamanna Sethi (Panipat Institute of Engineering and Technology, Samalkha, Panipat)

has presented a paper entitled

Novel Pythagorean Fuzzy Knowledge Measure with Multi Criteria Decision-Making Applications

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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Samanyu Kaushal (Department of Information Technology, MAIT)

has presented a paper entitled

Panipat Institute of Engineering and Technology, Samalkha, Panipat

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Dolly Dewangan (OP Jindal University, Raigarh (CG))

has presented a paper entitled

A study on Internet Security Protocols in Cryptography

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Himanshi Sharma (OP Jindal University, Raigarh (CG))

has presented a paper entitled

Tumour Growth Mathematical Modelling

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Preeti Sindur (OP Jindal University, Raigarh (CG))

has presented a paper entitled

Mathematical Models for Infectious Disease and its Comparison

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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Renuka Pradhan (OP Jindal University, Raigarh (CG))

has presented a paper entitled

An EOQ Model for Deteriorating Items with Weibull Demand

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Ritu Sahu (OP Jindal University, Raigarh (CG))

has presented a paper entitled

An EOQ Model for time dependent Deteriorating Items with exponential Demand Rate

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Satyavati (OP Jindal University, Raigarh (CG))

has presented a paper entitled

A study of Cantor's theorem and its application

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Vaishali Sahu (OP Jindal University, Raigarh (CG))

has presented a paper entitled

An Economic Order Quantity Model for constant Deteriorating Item with Exponential Demand Rate

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Udita Singh Thakur (OP Jindal University, Raigarh (CG))

has presented a paper entitled

Structural Comparison Between Zeckendorf and Tribonacci Decomposition Methods

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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Padmini Sahu (OP Jindal University, Raigarh (CG))

has presented a paper entitled

Mathematical modelling of diabetes

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Shraddha Namdeo (OP Jindal University, Raigarh (CG))

has presented a paper entitled

A study on Function Space and its Application

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Siya Sidar (OP Jindal University, Raigarh (CG))

has presented a paper entitled

Machine Learning to enhance Cryptographic Security

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This is to certify that Prof./Dr./Mr./Ms.

Shristi Maurya (OP Jindal University, Raigarh (CG))

has presented a paper entitled

Review of EOQ Model with Non-linear Holding costs and Hybrid Demand

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Swati Gupta (OP Jindal University, Raigarh (CG))

has presented a paper entitled

Exploring the Role of Fractional Calculus in Biomedical and Bioengineering Applications

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Rambha Panda (OP Jindal University, Raigarh (CG))

has presented a paper entitled

Applications of Wavelet Transform in Science and Engineering: Current Problems and Challenges

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Ritu Painkara (OP Jindal University, Raigarh (CG))

has presented a paper entitled

Application of Cardinality in Advancement of Topology

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Himanshu Dewangan (OP Jindal University, Raigarh (CG))

has presented a paper entitled

A study on Complete Metric Space and its Application

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This is to certify that Prof./Dr./Mr./Ms.

Anusha Sahu (OP Jindal University, Raigarh (CG))

has presented a paper entitled

Mathematical Analysis and Simulation of Sustainable Harvesting in Sardine Populations Using Logistic Growth

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Om Rajwade (OP Jindal University, Raigarh (CG))

has presented a paper entitled

A Study on Quantum Encryption with Certified Deletion

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M Durga (Vigyan Institute of Technology and Science, Deshmukh, Hyderabad)

has presented a paper entitled

Assessing the Failures of Bio Degradable Material Paver Blocks by Using Machine Algorithm

at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable Development" organized by the School of Science, O. P. Jindal University, Raigarh, during May 29-30, 2025.

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This is to certify that Prof./Dr./Mr./Ms.

Ms. Lali Priya (Amity University, Lucknow)

has presented a paper entitled

Leveraging Cloud Computing and Digital Technologies to Promote the 3R (Reduce, Reuse, Recycle) Principles in Fashion Manageme
Among Young Students in Lucknow for Environmental Sustainability
at the 4th International Conference on "Innovation & Research in Science and Technology for Sustainable

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