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## CERTIFICATE OF PAPER PRESENTATION

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

**Reenu Mishra (K. G. Arts and Science College, Raigarh)**

has presented a paper entitled

*Pollution Level of Kelo River*

at the 4<sup>th</sup> 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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**Preeti Kumari (Research Scholar, Department of Chemistry, Banasthali Vidyapith)**

has presented a paper entitled

*Imine-functionalized highly ordered porous organic polymer with high iodine uptake capacity and catalytic activity for microwave assisted Knoevenagel condensation reaction*

at the 4<sup>th</sup> 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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**Ayusman Kitu Biswal** (Department of Basic Science, IIIT Bhubaneswar, Odisha)

has presented a paper entitled

*Design and Evaluation of Artemisinin Derivatives via Docking and Pharmacokinetic Profiling Against Plasmodium falciparum*

at the 4<sup>th</sup> 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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**J. Maria Libiyal** (Department of Chemistry and Research Center, Pope's College (Autonomous), Sawyerpuram)

has presented a paper entitled

*Synthesis, Characterization and Theoretical Evaluation of Biologically active Hydroxypyridine derivative: Molecular Docking and ADMET Study*

at the 4<sup>th</sup> 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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**Poonam Verma (Panipat Institute of Engineering and Technology, Samalkha, Panipat, Haryana)**

has presented a paper entitled

*Adsorptive Removal of Reactive Blue 21 Dye and Treatment of Effluent Sample on AAFA*

at the 4<sup>th</sup> 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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**Pitambar Subhash Gadhawe** (Zeal College of Engineering and Research, Savitribai Phule Pune University, Pune)

has presented a paper entitled

*Experimental Study of Melting Stearic Acid in latent Heat Thermal Energy Storage using Internal & External Longitudinal fins*

at the 4<sup>th</sup> 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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**Ambika Sharma** (Sikkim Manipal Institute of Technology, Sikkim Manipal University)

has presented a paper entitled

*Electrical conductivity of sodium carboxymethylcellulose (NaCMC) in aqueous-organic mixed solvent media- A Review*

at the 4<sup>th</sup> 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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**Heena Sammi (Department of Computer Science, Chandigarh University, Mohali)**

has presented a paper entitled

*Deep Dive into Raman Spectroscopy: A Review*

at the 4<sup>th</sup> 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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**Anju Gupta (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Characterization of Cellulose Nanocrystals Produced by Acid Hydrolysis from Sugarcane Bagasse as Agro-waste*

at the 4<sup>th</sup> 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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**Devashree Mandalv (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Comparative Study of Palm Oil, Free Fatty Acids Quantitatively and Sugar Profiling in Commercial Biscuit Products:  
Implications for Quality Control and Consumer Health*

at the 4<sup>th</sup> International Conference on "Innovation & Research in Science and Technology for Sustainable  
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**Dipti Gupta (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Composition and Adulteration Analysis of Different Brands of Milk Samples & Milk Products*

at the 4<sup>th</sup> 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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**Yugma (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Quantitative and Qualitative Analysis of Dairy Products (Ghee, Butter & Curd)*

at the 4<sup>th</sup> 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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**Uma Malakar (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Extraction, Characterization, and Anti-Microbial Application of Curcumin from Raw Turmeric Rhizome*

at the 4<sup>th</sup> 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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**Sunita (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Treatment of Rice Mill Effluent by Advance Oxidation Process*

at the 4<sup>th</sup> 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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**Deeksha Gupta (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Comparative Chemical and XRD Analysis of Cement*

at the 4<sup>th</sup> 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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**Tulika N Gupta (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Development and Characterization of the Alkali Activated Controlled Low Strength Material Using Red Mud*

at the 4<sup>th</sup> 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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**Prerana Dewangan (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Comparative study of XRD analysis of CuO Nanoparticle of expired paracetamol vs paracetamol*

at the 4<sup>th</sup> 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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**Pratibha Sharma (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Integrated Characterization of Coal Grades from Gare Pelma 4/2 & 3 Mines Using Proximate, Ultimate and XRD Analysis*

at the 4<sup>th</sup> 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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**Preeti Nirmalkar (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Synthesis, Characterization and Applications of Ag-Fe<sub>3</sub>O<sub>4</sub> Nanoparticles using Aegle Marmelos (Bael Patra)*

at the 4<sup>th</sup> 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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**Pranjal Acharya (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Quantitative and Qualitative Analysis of Different Types of brands in Spices with Fssai Standard*

at the 4<sup>th</sup> 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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**Shagufta Naz (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Quantitative and Qualitative Comparative Analysis of Different Types of Sweetening Agent with Fssai Standard*

at the 4<sup>th</sup> 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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**Kumkum Rani (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Prediction and reduction method of clinker formation in boiler*

at the 4<sup>th</sup> 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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## CERTIFICATE OF PAPER PRESENTATION

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

**Manas Rathore (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Characterization and assessment of antibacterial properties of Iron Oxide nanoparticles synthesized via different approaches*

at the 4<sup>th</sup> 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  
ICIRSTD- 2025

**Dr. Ankur Rastogi**

Convener  
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**Yogita Verma (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*FSSAI-Compliant Quantitative Analysis and Heavy Metal Detection in Cereal Using ICP- Mass Spectrophotometer*

at the 4<sup>th</sup> 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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**Pooja Yadav (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Determination of the Citric Acid Concentration in Brand Fruit Juices*

at the 4<sup>th</sup> 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.

**Sonali Baral (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Extraction of Organic Acids and Polarimetric Analysis of Citrus Fruits*

at the 4<sup>th</sup> 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.

**Vishakha Singh (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Characterization of Fly Ash and Bottom Ash for Soil Improvement*

at the 4<sup>th</sup> 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.

**Yashwant Patel (OP Jindal University, Raigarh, C.G.)**

has presented a paper entitled

*Quantitative analysis of different types of oils with special reference to iodine value and acid value*

at the 4<sup>th</sup> 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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