

ORAL PRESENTATIONS

❖ Day 2, January 24, 2025 Session V: 9:45-10:45 OP1 – OP 6

❖ Day 2, January 24, 2025 Session VI: 12:00-13:00 OP7-OP12

| No | Abstract |
|------|---|
| OP-1 | INVESTIGATION OF Bq ⁺ ION INDUCED L- SHELL X-RAY RELATIVE INTENSITIES OF ⁷⁰ Yb <i>Balwinder Singh, Shehla, Anil Kumar, Deepak Swami, Ajay Kumar and Sanjiv Puri</i> |
| OP-2 | IMPACT OF ELECTROLYTE AT THE UNCHARGED POLYMER/WATER INTERFACE: OBSERVED BY SUM FREQUENCY GENERATION AND RAMAN SPECTROSCOPY <i>Anisha Bandyopadhyay and Jahur Alam Mondal</i> |
| OP-3 | FROM MOLECULAR DESIGN TO CELLULAR TARGETING: THE MULTI FUNCTIONALITY OF BROMO BENZOTHIADIAZOLE-BASED FLUOROPHORES <i>Asit. K.Pradhan, S.Pattnaik, P.Venkatakrishnan, A. K. Bera and A. K. Mishra</i> |
| OP-4 | EXCIMER FORMATIONDYNAMICS OF PYRENE IN A SUPRAMOLECULAR MATRIX <i>Shubham Verma, Gargee Roy, Nikumoni Doley, Deepak Asthana, and Sachin Dev Verma</i> |
| OP-5 | PYRENE BASED AIE-ACTIVE PROBE FOR SELECTIVE DETECTION OF PICRIC ACID THROUGH THE INNER FILTER EFFECT CHANNEL IN AQUEOUS MEDIUM <i>Collinica Camillie Syiemlieh and Marappan Velusamy</i> |
| OP-6 | SMALL FLUORESCENT PROBES FOR PESTICIDES DETECTION IN REAL-LIFE SAMPLES: A PREVENTION OF PESTICIDE POISONING AT THE DOORSTEP <i>Shivani Tripathi and Manab Chakravarty</i> |
| OP-7 | GAMMA-IRRADIATED PCL/CNT CHEMIREISTORS FOR POLAR VAPOUR SENSORS <i>Pragati Patil, K. Varshneya, R.K. Mondala, K.A. Dubey and Y.K. Bhardwaj</i> |
| OP-8 | HIGHLY ACCELERATED PHOTOCYCLOADDITION OF CYANOSTILBENE DIMERS IN AQUEOUS MEDIA <i>Nitish Kumar and Supratim Banerjee</i> |
| OP-9 | THE PHOTOCHEMICAL BEHAVIOUR OF OXYGEN MEDIATED SYNTHESIZED RADICAL <i>Mohit Kulshrestha, A. Das and Kalyan K. Sadhu</i> |

| | |
|-------|---|
| OP-10 | MOLECULAR LEVEL INSIGHTS ON AGEING MIXED UREA-MALONIC ACID AEROSOLS <i><u>Subhamoy Saha</u> and P. Mathi</i> |
| OP-11 | MAGNESIUM-PORPHYRIN, A CATALYST WITH ENORMOUS EFFICIENCY FOR THE PHOTOCHEMICAL CONVERSION OF GASEOUS CO ₂ INTO CYCLIC CARBONATES AND OXAZOLIDINONES <i>Sushanta Kumar Meher, Prakash Nayak, <u>Sasmita Dhala</u>, Swetapadma Tripathy, and Krishnan Venkatasubbaiah</i> |
| OP-12 | POSITION-DEPENDENT MODULATION OF INTERSYSTEM CROSSING IN IODO-FUNCTIONALIZED SALICYLIDENEIMINE-BORON COMPOUNDS <i><u>Suman Bhowmik</u> and Pratik Sen</i> |