

“A Lecture Series: Alumni and present Students”

**Organized by the Department of Chemistry
in association with IQAC
Asutosh College**

11.30 am: Inaugural Address by Prof Apurba Ray, Vice-Principal, Asutosh College

Venue: Seminar Hall Centenary Building Asutosh College

Date: 29.5.2023

Programme Schedule

Alumni Lecture: 11.40 am -12 noon

Speaker: Dr. Rajarshi Sarkar, Assistant Professor, Department of Chemistry, School of Advanced Sciences, VIT-AP University

Topic: Supramolecular Chemistry: Past, Present, & Future

Lecture Series of Present students: 12.15 pm onwards

Name of the speakers	Topic
Sayan Dey	Anti-cancer Drugs
Shreejita Ghosh	Adsorption of Heavy Metals by Water Hyacinth
Bonami Das	transformation of atomically precise nanoclusters by ligand exchange
Arunima Roy	An introduction to high temperature superconductivity
Puja Gope	Potentiodynamic Polarization In Aluminium Corrosion
Susmita Das	Green solvents: It's aspects in the future (a thermodynamic study)
Souvik Bag	Aggregation Induced Emission
Sayonti Dutta	Photocatalysis and It's Application in C-H Bond functionalization
Alisha Parveen	Organic photocatalysis, a greener alternative to conventional organic synthesis
Udayan Panja	Unveiling the UV-VIS Spectrum: A Comprehensive Investigation of UV-VIS Absorption via DFT Calculation.
Arunima Bose	CO ₂ reduction by electrochemical process using 2d nanosheets

“A Lecture Series: Alumni and present Students”

Organized by the Department of Chemistry
in association with IQAC
Asutosh College

Venue: Seminar Hall Centenary Building Asutosh College

Date: 30.5.2023

Programme Schedule

Lecture Series of Present students: 11.15 am onwards

Name of the speakers	Topic
Srijita Chakraborty	Application of Newton-Raphson Method in Chemistry
Chitrlekha Palui	Topic to be provided
Kaustav Mondal	Synthesis of bio active compounds
Sannabi Banerjee	Aluminium corrosion
Madhurima Ghosh	Molecular recognition in biological systems
Shinjanibiswas	Atomically Precise clusters of Noble Metals Nanoparticles
Saurodeepaul	Biological activity of purine derivatives and metal purine complexes
Debasmita Das	Perovskite Materials – Synthesis & Advanced Applications
Bidyashree Debnath	Prediction of the ¹ H NMR Spectrum of Organic Molecules by DFT Calculations
Meghashree Ghosh	Transparent conducting oxide and it's application in optochemistry

“A Lecture Series: Alumni and present Students”

**Organized by the Department of Chemistry
in association with IQAC
Asutosh College**

Venue: Seminar Hall Centenary Building Asutosh College

Date: 1.6.2023

Programme Schedule

Alumni Lecture I : 11.30 am -11.50 am

Speaker: Flora Banerjee, Ph.D student, IIT Kharagpur

Topic: BINOL based porous organic polymer: A multifunctional engine towards water decontamination and future prospects

Alumni Lecture II : 11.50 am -12.10 pm

Speaker: Arpan Dey, Ph.D student, Biophotonics Lab, TIFR Mumbai

Topic: Single Molecule Measurements of the Accessibility of Molecular Surfaces

Lecture Series of Present students: 12.15 pm onwards

Name of the speakers	Topic
Aishwarya Dutta	Lithium ion battery
Ankita Bhuniya	Application of Humic acid
Ankan Kamila	Antimicrobial activity of pyrimidine
Sudip Mondal	Cardiovascular drugs
Sagar Saha	Atmospheric chemistry
Sourav Dey	Isocyanide
Anirban Roy	Water: an unconventional organic solvent for environmentally benign synthesis of organic molecules
Md. Tuhin Shaikh	Hydrogen production technology