

B. Tech Project Allotment for 2024-25

Sl. No.	Project Supervisor	Project Title	Alloted Student with class Roll No.		
1	Dr. Sourav Poddar	3E Analysis of a pyrolysis process	21/CHE/12 ANTARIP KABIRAJ	21/CHE/70 RATAN DAS	21/CHE/115 TANMOY BISWAS
2	Dr. Sourav Poddar	Mathematical calculation, optimization of a fuel cell system	21/CHE/113 TANIYA DATTA	21/CHE/45 MAHWISH JABIN	21/CHE/82 SAPTARSI PATRA
3	Dr. Rabindranath Jana	Exploration of Artificial Leaf	21/CHE/37 ISHIKA GHOSH	21/CHE/25 CHANDNI PAIRA	21/CHE/66 RAJEEV KUMAR
4	Dr. Rabindranath Jana	Analysis of Organic Solar Cells Performance	21/CHE/40 KALYAN MAITY	L22/CHE/141 MRINAL KANTI GHORAI	21/CHE/65 RAJ DUTTA
5	Dr. Deepak Kumar Samal	Hydrodynamic study of liquid distributing stirrer	L22/CHE/137 PAMEL SAHA	21/CHE/49 MIR BULBUL ALI	21/CHE/57 PRABANDHA MAITI
6	Dr. Deepak Kumar Samal	Performance analysis of CSTR using non-electrical driven stirrer	L22/CHE/136 SANKET JANA	21/CHE/90 SOHAN GIRI	21/CHE/79 SAMIM MOLLA
7	Pi: Dr. Anoar Ali Co.PI: Dr. Ankita Majumder	Eco-Friendly Adsorbent Innovations from Sewage Sludge for Sustainable Wastewater Treatment	21/CHE/55 POULOMI BERA	21/CHE/48 MD. INZEMAMUL HAQUE	21/CHE/52 NAMAN KUMAR
8	Pi: Dr. Anoar Ali Co.PI: Dr. Suman Saha	Sustainable Carbon Capture Using Eco-Friendly Adsorbents from Sewage Sludge: A Green Pathway to a Cleaner Environment	21/CHE/41 KAUSHIK BERA	21/CHE/91 SOUMITRA JANA	21/CHE/105 SURAJIT MONDAL
9	Prof. Radha Das	Production & Optimization of Sodium Silicate & Silica (SiO ₂) from Agricultural Wastes Production & Optimization of Sodium Silicate & Silica (SiO ₂) from Agricultural Wastes	21/CHE/101 SUBHOJIT ASH	21/CHE/94 SOUMYAJIT MAITY	21/CHE/81 SAPTAK MANDAL
10	Prof. Radha Das	Photo degradation of Medicinal wastes / Heavy Metals in Presence of Semiconductor Nano-materials	21/CHE/98 SRUSTI MAITY	21/CHE/110 SWAPNADEEP GURIA	21/CHE/83 SATTWIK MAITY
11	PI: Prof. Tapas Kumar Manna Co.PI: Dr. Biswajit Mandal	Studies on the performance of water purification system using solar energy	21/CHE/07 ANIKET MAZUMDER	21/CHE/51 MUSHARRAF AHMED	21/CHE/46 MANJEET NARAYAN HARSHVARDHA N

12	PI: Prof. Tapas Kumar Manna Co.PI: Dr. Lipika Das	Some studies on the economic production of Biodiesel.	21/CHE/09 ANISH ADAK	21/CHE/04 AMAN MALLICK	21/CHE/62 PRITAM CHAKRABORTY
13	Dr. Siddhartha Sankar Boxi	Development of Pesticide Residue Detection Process for Fruits and Vegetables	21/CHE/89 SOHAM SEN	21/CHE/01 ABHINANDAN TALA	21/CHE/08 ANIRBAN ADHIKARY
14	Dr. Siddhartha Sankar Boxi	Use of Heterogeneous Nanocatalysts in Transesterification Process for Biodiesel Synthesis	21/CHE/15 ARKAPRAVA PAL	21/CHE/106 SURYARGHYA MUKHERJEE	21/CHE/39 JOY ADHIKARY
15	Dr. Siddhartha Sankar Boxi	Gold Recovery from Waste Computer Circuit Board by the Process of Leaching	21/CHE/38 JANAYETRI BARMAN	21/CHE/108 SUSOVAN MAITY	21/CHE/69 RASHMI MISHRA
16	PI: Dr. Ankita Mazumder CO PI : Dr. Suman Saha	Modified biosorbent for sustainable and eco-friendly wastewater treatment: adsorption mechanism and parametric optimization.	21/CHE/114 TANMAY PATRA	21/CHE/88 SNEHAMOY PAKHIRA	21/CHE/74 ROHAN PAUL
17	PI: Dr. Ankita Mazumder CO PI : Dr. Anoar Ali Khan	Biomass-derived adsorbent for the removal of recalcitrant pollutants from waste stream	21/CHE/06 ANANDA MOHAN JANA	21/CHE/109 SUVAM DEY	21/CHE/61 PRINCE RAJ
18	PI: Dr. Tanushree Ghosh CO PI: Prof. S.B. Kuila & Dr. Lipika Das	Development and characterization of polymeric hydrogel system used in drug delivery system: study on separation efficiency of drug molecules.	21/CHE/56 PRABAL SAHOO	21/CHE/77 SAHIL SHAW	21/CHE/78 SAIKAT MAITY
19	PI: Dr. Tanushree Ghosh CO PI: Dr. Sutapa Roy, Dr. Sunil Baran Kuila & Dr. Lipika Das	Development of nano-reinforced epoxy-polyester resin composites: a comparative study on their mechanical properties	21/CHE/103 SUDIP NAYAK	21/CHE/44 MAANAS KUMAR MAHTO	B21/CHE/148 ADITYA KUMAR ROY
20	Ms. Aditi Sinha	Eco-Friendly Wastewater Treatment: Innovations for a Sustainable Planet	21/CHE/05 AMITAVA BERA	21/CHE/119 WASIM AKTAR SHA	21/CHE/120 ZAFAR UL HASAN
21	Guide: Ms. Aditi Sinha CO Guide: Dr. B. Mandal	Innovative Approaches in Wastewater Treatment: Advancements and Applications	21/CHE/20 ARYA BANERJEE	21/CHE/29 DIBYENDU NATH	21/CHE/23 ATIN KUMAR
22	PI: Ms. K. Rana Co. PI: Prof. A. K. Saha	Some Studies on the Production of Potable Water by Filtration using Natural Fibre	L22/CHE/132 KUNAL CHANDRA DHARA	21/CHE/26 DEBASHISH	21/CHE/64 RAHUL KUMAR
23	PI: Mrs. S. Samanta Co PI: Prof. A. K. Saha	Some Studies on the Kinetics of Nano-Catalysed Gas-Liquid Reactions in a CSTR	21/CHE/28 DEBOSMIT CHOUDHARY	21/CHE/11 ANKIT SINGH	B21/CHE/149 BISHAL KUNDU
24	PI: Mrs. S. Samanta Co PI: Prof. A. K. Saha	Synthesis of Graphene Oxide from bio-waste materials.	21/CHE/17 ARNAB ROY	21/CHE/85 SHRUTI KUMARI	21/CHE/118 VIVEK KUMAR PANDEY

25	PI: Prof. A. K. Saha CO PI: Dr. S. Roy	Some Studies on Supercritical CO ₂ Extraction of Cumin Seed Oil	21/CHE/107 SUSANTA PAL	B21/CHE/152 SAGAR ROY	21/CHE/60 PRAVEEN KUMAR SINGH
26	PI: Prof. A. K. Saha CO PI: Dr. A. A. Khan	Exploratory Studies on Fry-Drying of Some Seasonal Fishes	L22/CHE/133 ISHIKA CHOWDHURY	21/CHE/14 ARINDAM SAMANTA	21/CHE/27 DEBASISH SAMANTA
27	PI: Dr. Sutapa Roy Co-PI: Prof. S.B. Kuila, Dr. S. Chatterjee & Dr. S. Das Majhi	Development and characterization of novel bio-polymeric hydrogel loaded with Antibacterial Agent.	21/CHE/99 SUBHADEEP MIDYA	21/CHE/102 SUBRATA DASGUPTA	21/CHE/03 AJAY SINGH
28	PI: Dr. Sutapa Roy Co-PI: Dr. Lipika Das	Synthesis of Nanoparticles from Vegetable Waste	21/CHE/84 SAYAN GHOSH	21/CHE/71 RISIKA JANA	21/CHE/76 SAHIL AHMED MOLLA
29	Dr. Biswajit Mandal	Studies on the strategies to get rid of odour of bitumen based paint	L22/CHE/146 ANJAN SEN	21/CHE/75 RUPAK DAS	21/CHE/16 ARNAB MAHATO
30	Dr. Biswajit Mandal	Studies on the solar hydrogen reactor design for hydrogen production	L22/CHE/138 SUBHAJIT SAHOO	L22/CHE/142 PRATIM ADAK	21/CHE/36 INDRAJIT MANDAL
31	PI: Lipika Das Samanta Co-PI: Dr. Biswajit Mandal	Developing dye-sensitized solar cells based on anatase titanium di-oxide by using naturally occurring dyes as sensitizers.	B21/CHE/150 KARTIK RAJ	21/CHE/32 GAUTAM KUMAR	21/CHE/86 SHUBHAM KUMAR
32	PI: Lipika Das Samanta Co-PI: Dr. Sutapa Roy	Preparation of nanocomposite catalyst and application in advanced oxidation process	21/CHE/80 SANKALAN DAS	21/CHE/43 KUNTAL PRAMANIK	L22/CHE/147 MADAN GOPAL JANA
33	Dr. Suman Saha Co PI: Dr. Ankita Mazumder	Extraction and Analysis of Value-Added Compounds from Agricultural Sources: Experimental and Theoretical Approaches	21/CHE/112 TANIA KARAN	21/CHE/97 SRINJOY MANI	21/CHE/104 SUPRATIK MUKHOPADHYA Y
34	Dr. Suman Saha Co PI: Dr. Anoar A. Khan	Catalyst Assisted thermochemical conversion of biomass	B21/CHE/151 KOUSIK PRAMANIK	L22/CHE/135 SURAJIT DUARI	
35	PI: Dr. Barnali Bej CO PI: Dr. Siddhartha S. Boxi	Fabrication of novel filter media and its application in water purification.	21/CHE/30 DIPANWITA MAITY	L22/CHE/140 SURAJ DAS	L22/CHE/139 SOUVIK DAS
36	PI: Dr. Barnali Bej CO PI: Dr. Siddhartha S. Boxi	Recycling of spent battery for recovery of value added metal.	21/CHE/18 ARUN KUMAR JANA	21/CHE/111 SWARNABITAN SAHOO	21/CHE/22 ASHISH KUMAR
37	PI - Dr. S. J Sahu, Co - PI - Dr. S. Roy	Studies on Agro based biomass up gradation as energy source	21/CHE/24 BIDIPTA MAITY	21/CHE/59 PRASOON KUMAR	21/CHE/02 ABHISHEK KUMAR

38	PI - Dr. S. J Sahu PI - Dr. L. Das	Co	Recycling of waste engine oil	L22/CHE/131 TRISHA HALDAR	21/CHE/34 HRITHIK DUTTA	21/CHE/47 MANOJ YADAV
39	Prof. Sunil B. Kuila		Development of a new reinforced Conducting Polymeric IPN hydrogel for using as Bio-Sensor.	21/CHE/68 RAKESH DAS	21/CHE/72 RITAM SAHA	21/CHE/116 TAPANJYOTI GOSWAMI
40	PI- Prof. Sunil B. Kuila Co-PI : Dr. Shubhi Gupta, IIT (ISM) Dhanbad		Studies on thermal degradation behavior, kinetics, thermodynamics and reaction mechanism analysis of locally available biomass using ios-conversional methods to analyze the bio-energy potential.	21/CHE/93 SOUMYADIP DAS	21/CHE/73 RITU THAKUR	
41	PI- Prof. Sunil B. Kuila Co-PI : Prof. Pradipta Purakayastha, IISER- Kolkata		Exploring the photo-Catalytic pathways of Protein or Peptide Nano-Dots towards waste water remediation.	21/CHE/92 SOUMYA PURKAYASTHA		