**Students Project\_UG\_Chemistry\_2023-24**

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| **Sl. No** | **Roll No** | | **Applicant Name** | **Topic** | **Name of the Supervisor** |
| 1 | BS(P)21-010 | | DEBIPRASAD PANDA | Sigma-tropic Rearrangement | Dr. Girija Prasad Mishra |
| 2 | BS(P)21-023 | | MONIKSHYA MOHAPATRA | Asymmetric Synthesis |
| 3 | BS(P)21-033 | | BIPASHA SWAIN | Drugs and its application |
| 4 | BS(P)21-036 | | BISHNU PRASAD SWAIN | Enolate Chemistry and its application |
| 5 | BS(P)21-038 | | JAGAN PARIDA | Organic Intermediates |
| 6 | BS(P)21-040 | | ROJALINI PANDA | Cyclodextrin |
| 7 | BS(P)21-042 | | TRUPTI RANJAN SAHOO | Wittig Olefination reaction and its application by natural product synthesis |
| 8 | BS(P)21-043 | | MITALI JENA | Carbon-Hydrogen bond activation |
| 9 | BS(P)21-045 | | SAILAJA PRIYADARSHINI PA | Aldol Condensation and its application in organic synthesis |
| 10 | BS(P)21-048 | | PIYUSHA PRASANNA DAS | Organic dyes and its application |
| 11 | BS(P)21-062 | | PRITIREKHA ROUT | Cycloaddition reaction |
| 12 | BS(P)21-064 | | PUJARANEE PRADHAN | Dyes and its application |
| 13 | BS(P)21-068 | | HARAPRIYA BEHERA | Rearrangement reactions |
| 14 | BS(P)21-069 | | SIBUN PARIDA | Reducing reagents |
| 15 | BS(P)21-072 | | BINDUSMITA JENA | Food dye chemistry | Mrs. Nirupama Parida |
| 16 | BS(P)21-076 | | SNEHASIS ROUT | Bioplastics |
| 17 | BS(P)21-080 | | RITIK KOUSHIK PRIYADARSHI | Carbon dating |
| 18 | BS(P)21-087 | | AMBRIT ROUL | Green Chemistry, the future need |
| 19 | BS(P)21-097 | | SHUBHRANSU SHEKHAR DALAI | Uses and application of carbon dioxide : A literature review |
| 20 | BS(P)21-106 | | SUCHISMITA BEHERA | Effect of metal coupling on rusting of iron : A literature review |
| 21 | BS(P)21-126 | | JYOTIPRAKASH PRUSTY | Factors influencing microbial growth on food |
| 22 | BS(P)21-128 | | ASHUTOSH BEHERA | Plastic the challenges and its possible solution |
| 23 | BS(P)21-129 | | SARADA PRASAD SAMAL | Role of Chemistry in the implementation of sustainable development goals |
| 24 | BS(P)21-136 | | JIGYNASA JENA | Boron Neutron capture therapy : A literature review |
| 25 | BS(P)21-158 | | SANGITA MALIK | Photochemistry |
| 26 | BS(P)21-167 | | SUBHASHREE BEHERA | Water treatment and purification technique |
| 27 | BS(P)21-168 | | ABINASH BEHERA | Reaction and synthesis of dyes |
| 28 | BS(P)21-202 | | MADHUSMITA BEHERA | Chromatography | Mr. Bindu Sagar Sahoo |
| 29 | BS(P)21-211 | | JASMINE MALLA | Water pollution : Its causes, effects and prevention |
| 30 | BS(P)21-216 | | AKASH KUMAR SINGHA | Wittig reaction and its modern modification |
| 31 | BS(P)21-217 | | JYOTRIMAYEE PATI | Chemistry of Noble gas |
| 32 | BS(P)21-220 | | ARPITA PRIYADARSHINI SWAIN | Production of Biodiesel |
| 33 | BS(P)21-231 | | GOBINDA PARIDA | Application of Nanotechnology |
| 34 | BS(P)21-236 | | SATYAKAM ROUT | Role of Fe in Haemoglobin and Myoglobin |
| 35 | BS(P)21-258 | | ARPITA NAYAK | Photocatalytic hydrogen production from water |
|  | |
| 36 | BS(P)21-282 | | BHAGIRATHI MALIK | Pd Catalysed reactions in organic chemistry |  |
| 37 | BS(P)21-290 | | APARUPA PARIDA | Carbon nanotubes |
| 38 | BS(P)21-291 | | SOUMYARANI DHAL | Hydrogen as the future fuel |
| 39 | BS(P)21-310 | | ANANYA MISHRA | Amino acid | Ms. Shreeyashree Mishra |
| 40 | BS(P)21-313 | | ABHISEK PATRA | Green synthesis of organic compounds and its applications |
| 41 | BS(P)21-319 | | PUJARINI DAS | Investigatory project on Solar Cells |
| 42 | BS(P)21-334 | | ASUTOSH NAYAK | Amount of Phosphate present in detergents |
| 43 | BS(P)21-339 | | ANUSMITA YOGAMAYA NAYAK | Application of Nanotechnology |
| 44 | BS(P)21-345 | | ARPITA PANDA | NMR Spectroscopy and its application |
| 45 | BS(P)21-350 | | SWASTIKA BISWAL | Role of Iron in Haemoglobin and Myoglobin |
| 46 | BS(P)21-351 | | SWATISONALIKA MANDAL | Graphene and its application |
| 47 | BS(P)21-355 | | SUBRATA DAS | Chromatography |
| 48 | BS(P)21-356 | | JIBAN JYOTI PATI | Biofuels as an alternate energy source |
| 49 | BS(P)21-365 | | SHASWOTI PRIYADARSHINI DASH | The disconnection approach or Retrosynthesis |
| 50 | BS(P)21-386 | | USHASI BEHERA | Analysis of Air pollution and their effects | Mr. Akash Panda |
| 51 | BS(P)21-396 | | ANKITA PRIYADARSINI JENA | Study of spectroscopic technique for chemical analysis |
| 52 | BS(P)21-416 | | DIGBIJAY SINGH | Catalytic converters |
| 53 | BS(P)21-418 | | SMRUTIREKHA BEHERA | Extraction and analysis of natural dyes |
| 54 | BS(P)21-419 | | SONALIKA SWAIN | Biodegradable polymers and its application |
| 55 | BS(P)21-420 | | ANANYA PRANGYASMITA TRIPATHY | Hydrogen as the future fuel |
| 56 | BS(P)21-421 | | SUSHREE SANGITA PATI | Biochemical reaction in Human body |
| 57 | BS(P)21-436 | | SACHIDANANDA MOHANTY | Nanotechnology and its application |
| 58 | BS(P)21-446 | | DIBYASWARUPA SAHOO | Electroplating and its application |
| 59 | BS(P)21-448 | | RAMJIT PATI | The Aspirin story |
| 60 | BS(P)21-458 | | LALIT MOHAN JENA | Effect of Fertilizers and pesticides on soil |