**Project details of Department of Chemistry**

**Batch-2020-2023**

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| **Sl No.** | **Roll No.** | **Name Of Student** | **Title of the Project** |
| 1 | BS20-001 | RUDRANARAYAN SUTAR | Chemistry of ylides |
| 2 | BS20-002 | RUDRAPRATAP SAHOO | Morita Baylis Hillman reaction and its application  |
| 3 | BS20-004 | LAXMIPRIYA BEHERA | Asymmetric aldol reaction and its application |
| 4 | BS20-008 | GAUTAM MOHANTY | Electrocyclic reaction and its application in total synthesis |
| 5 | BS20-010 | SAGARIKA PATRA | Polymers conducting electricity |
| 6 | BS20-021 | SPARSHAMANI SAHOO | Cycloaddition reaction and its application in natural product synthesis |
| 7 | BS20-023 | JYOSTNARANI PADIHARI | Carbocation rearrangement with application |
| 8 | BS20-030 | SANADA PRASAD DAS | Sigmatropic Rearrangement and its application in natural product synthesis |
| 9 | BS20-037 | BASUNDHARA NAYAK | Biodegradable polymers and its applications |
| 10 | BS20-043 | PRAJNA PARAMITA MOHANTY | C-H activation: Towards sustainability and application |
| 11 | BS20-050 | PUJA MISHRA | Introduction to fat and oil , analysis and application |
| 12 | BS20-052 | ARAPITA SAHOO | Pharmaceutical compound in present days |
| 13 | BS20-054 | SUBRAM ROUT | Future of pharmaceutical industry in India |
| 14 | BS20-063 | MANORANJAN MALIK | Dyes in chemistry |
| 15 | BS20-067 | ALIVA SAHOO | Carbohydrates |
| 16 | BS20-087 | SWAPNARANI SAHOO | Amino acids |
| 17 | BS20-091 | BIBEKANANDA PARIDA | Hydrogen- the future fuel |
| 18 | BS20-097 | UMAKANTA MALIK | The role of nuclear chemistry in nuclear reactor  |
| 19 | BS20-122 | SOUMYA PRAKASH BEHERA | Hydrogen- the future fuel |
| 20 | BS20-136 | TAPASMITA DAS | Hydrogen the future fuel |
| 21 | BS20-143 | SHRABANI ROUT | Dyes in chemistry |
| 22 | BS20-157 | ANSHUMAN SARANGI | Pd- catalysed reaction in organic chemistry. |
| 23 | BS20-160 | RASMIRANJAN DAS | Carbon Nanotubes |
| 24 | BS20-176 | DEEPAK KUMAR PATRA | Bio nano technology and nano medicine |
| 25 | BS20-188 | SUDHANSU DALAL | Water management for pollution prevention. |
| 26 | BS20-222 | RAJESH KUMAR GIRI | Role of Iron in Hemoglobin and Myoglobin |
| 27 | BS20-227 | SUBHASHREE NAYAK | The chemistry of noble gases |
| 28 | BS20-235 | SONALI MOHANTY | Photochemistry and its application in photodynamic theory |
| 29 | BS20-249 | SUBRAT BEHERA | Carbon dating |
| 30 | BS20-259 | RAJ KUMAR MALIK | Role of iron in biological system |
| 31 | BS20-261 | BIJAYLAXMI SETHY | Chemistry of colour |
| 32 | BS20-262 | ALOKA KUMAR MALIK | Wittig reaction and its modern modification |
| 33 | BS20-268 | SALINI BHANJA | Bio-degradable polymers  |
| 34 | BS20-271 | ARPITA DAS | Bio nano technology and nano medicine |
| 35 | BS20-287 | JNANA RANJAN SUTAR | Protection of functional groups |
| 36 | BS20-291 | NIRMAL KUMAR SAHOO | Retrosynthetic analysis and synthetic planning |
| 37 | BS20-294 | SURYAKANTA SAHOO | Lanthanides |
| 38 | BS20-296 | PRAVAT DAS | Sustainable energy sources and its application |
| 39 | BS20-298 | ALIVA SHUBHADARSHINI POTHAL | Sustainable energy sources |
| 40 | BS20-301 | SAUMYARANJAN SETHI | Sustainable energy sources and its application |
| 41 | BS20-305 | DURGAMADHAB SETHY | Metal- free Oxidation |
| 42 | BS20-323 | BIKRAM MOHANTY | Wittig reaction and its modern modification |
| 43 | BS20-328 | RANJITA PATRI | Sustainable energy sources |
| 44 | BS20-331 | DEEPAK MUDULI | Bio nano technology and nano medicine |
| 45 | BS20-335 | PRAVAKAR GHADEI | Non classical carbocation |
| 46 | BS20-355 | SOUBHAGYA RANJAN PANI | Non classical carbocation |
| 47 | BS20-358 | SAGARIKA BARIK | A detail study of biochemical reactions in human body |
| 48 | BS20-362 | SOUMYA RANJAN DAS | Application of enzyme in paper industry |
| 49 | BS20-386 | SURYAKANTA SWAIN | Soap and Detergents |
| 50 | BS20-401 | SUBHASHREE ROUT | Solar cells |
| 51 | BS20-411 | SNIDHA MALLICK | Noble gases |
| 52 | BS20-415 | RASMIREKHA DAS | Chemistry and therapeutic effect of analgesics |
| 53 | BS20-417 | BARASARANI SAHOO | Soap and Detergents |
| 54 | BS20-419 | BISWAJIT SAHOO | Wittig reaction and its modern modification |
| 55 | BS20-422 | PRAGYAN PARAMITA PANDA | Therapeutic action of different classes of drugs |
| 56 | BS20-423 | BISWAJIT JENA | Application of enzyme in paper industry |
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