**P.G. CHEMISTRY PROJECT 2022-2024**

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| **Sl. No** | **Roll No** | **Applicant Name** | **Topic** | **Name of the Guide** |
| 1 | M.Sc./Chem/22-002 | APARAJITA KAR | Photolytic Dye degradation using titanium dioxide (TiO2) as Photocatalyst | Dr. Girija Prasad Mishra |
| 2 | M.Sc./Chem/22-003 | SATYA RANJAN KAR | Recent development in thiourea based derivatives and their interaction with BSA | Dr. Girija Prasad Mishra |
| 3 | M.Sc./Chem/22-005 | SUBHASHISH PRADHAN | Synthesis and application of MOFs: A Review | Dr. Girija Prasad Mishra |
| 4 | M.Sc./Chem/22-006 | AMIT KUMAR BISWAL | CIS platin as an anticancer drug : An integrative review | Dr. Girija Prasad Mishra |
| 5 | M.Sc./Chem/22-007 | RINKU PRAVA SETHY | Synthesis and chacterisation of polymer nanocomposites | Mr. Bindu Sagar Sahoo |
| 6 | M.Sc./Chem/22-008 | TWINKLE SINGH | C-H activation | Mr. Bindu Sagar Sahoo |
| 7 | M.Sc./Chem/22-009 | SHEIK MUSTAKIM | Synthesis, Characterisation and catalytic activity of Iron, Ruthenium and Cobalt porphyrin complexes | Mr. Bindu Sagar Sahoo |
| 8 | M.Sc./Chem/22-010 | RAJASMITA SWAIN | Biosynthesis of Silver Nanoparticles | Mr. Bindu Sagar Sahoo |
| 9 | M.Sc./Chem/22-011 | SUDHARANJAN BARIK | Antipyretic and Antiseptic drugs | Ms. Shreeyashree Mishra |
| 10 | M.Sc./Chem/22-012 | ROJALIN NAYAK | Letreture review on CORONA virus and major drugs used in treatment | Ms. Shreeyashree Mishra |
| 11 | M.Sc./Chem/22-013 | SUBHASMITA PANDA | Exploring nanoparticles –synthesis and characterisation | Ms. Shreeyashree Mishra |
| 12 | M.Sc./Chem/22-014 | SUBHASMITA BEHERA | Nuclear magnetic resonance spectroscopy | Ms. Shreeyashree Mishra |
| 13 | M.Sc./Chem/22-015 | MONALISHA DASH | Application of nanoparticles in photocatalysis | Mr. Akash Panda |
| 14 | M.Sc./Chem/22-016 | NALINIKANTA NAYAK | Solar fuel and artificial photo synthesis | Mr. Akash Panda |
| 15 | M.Sc./Chem/22-017 | ABHILIPSA DASH | Biosynthesis of Zinc oxide nanoparticles using plant extract | Mr. Akash Panda |
| 16 | M.Sc./Chem/22-018 | BABAN CHANDRA ROUT | Response surface methodology of biodiesel production using green heterogeneous CaO supported on MUSA sapientum catalyst : A Review | Mr. Akash Panda |