**Department of Botany**

**ListofResearch Projects submittedtovariousfundingagencies: Principal Investigator: Dr. Keshaw Ram Aadil**

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| **S. No.** | **Title of the Projects** | **Cost (Rs.)** | **Month of submission** | **Role as PI/Co-PI** | **Funding Agency** | **Status** |
|  | ‘Development of biodegradable and biocompatible hair keratin-cellulose acetate based nanofibres scaffold as potential candidate for tissue engineering’ | 28,93,000/- | 04 Oct, 2022 | Dr. Keshaw Ram Aadil  [PI] | State University Research Excellence (SURE) Scheme, SERB, New Delhi  SUR/2022/003839 | Sanctioned  Ongoing  Oct, 2023–Oct 2026 |
|  | Synthesis and characterization of Sal lignin-chitosan based biodegradable film for packaging applications | 50,000.00  (Fifty thousands) | Aug, 2022-2023 | Dr. Keshaw Ram Aadil  [PI] | Autonomous Cell,  Govt. Digvijay College, Rajnandgaon, CG | Project Sanctioned  Ongoing  (One Year) |
|  | ‘Investigate the impact of various solvents on the biological activity of lignin derived from the biomass of the Chhattisgarh region’ | 50,000.00  (Fifty thousands) | Oct, 2023-2024 | Dr. Anita Mahiswar  [PI]  Dr. Keshaw Ram Aadil  [Co-PI] | Autonomous Cell,  Govt. Digvijay College, Rajnandgaon, CG | Project Sanctioned  Ongoing  (One Year) |
|  | Sal Wood Lignin Based Nanocomposties Film as a Smart Packaging Materials | 5,00,000.00  (Five lakh | 30 Sept, 2022 | Dr. Keshaw Ram Aadil  [PI] | State Plannig Commission, Raipur,  Chhattisgarh, | Under revision |