# 2021-22

**Prof.A.V.Sadlapurkar**

Prof.A.V.Sadlapurkar , Statistically designed extractive spectrophotometric determination scheme for bismuth(III) with 2-chlorobenzaldehyde thiocarbohydrazone: Analysis of environmental and real resources. https://doi.org/10.1016/j.cdc.2021.100798

**Prof.P.A.Ubale**

1. “Newly synthesized triazole-based Schiff base ligands and their Co(II) complexes as antimicrobial and anticancer agents: Chemical synthesis, structure and biological investigations”, Results in chemistry,2021, 3,100162.DOI: **10.1016/j.rechem.2021.100162**

2. “Preparation, Spectroscopic Characterization, Theoretical Investigations, and In Vitro Anticancer Activity of Cd(II), Ni(II), Zn(II), and Cu(II) Complexes of 4(3H)-Quinazolinone-Derived Schiff Base”, Molecules,2020,25(24),5973.**DOI: 10.3390/molecules25245973**

3. “ Evaluation of in vitro anticancer, antimicrobial and antioxidant activities of new Cu(II) complexes derived from 4(3H)-quinazolinone: Synthesis, crystal structure and molecular docking studies”, J Mol Strut, 2021, **DOI: 10.1016/j.molstruc.2021.131984**

4. “Antitumor and Antimicrobial Potential of Manganese(II), Nickel(II) and Copper(II) Complexes of 4-Methoxy Benzohydrazide Derived Schiff Base Ligand” , Lett Bio-nano Sciences,,volume 11, Issue 1, 2022,11(1),3249 . **DOI: 10.33263/LIANBS111.32493260**

5. “Studies on Optical, Structure, and Photoconductivity of Titanium Dioxide Thin Films Prepared by Chemical Bath Deposition Via Aqueous Route”, Macromolecules,2021.**DOI: 10.1002/masy.202100020**

**6.** Presented **Paper** in One Day Online National Conference on “Emerging Trends in Chemistry” organised by Department of Chemistry, Shankarrao Mohite Mahavidyalaya, Akluj on “Remarkable In Vitro anticancer activities of New Cu(II) Metal Complexes derived from 4(3H)-quinazolinone.”on **10thFebruary 2022.**