

Faculty Profile

Name: Dr. Piyush Kumar Thakur

Designation: Assistant Professor, Faculty of Science and Technology,
ICFAI University, Raipur

Teaching Areas: Spectroscopy, Organic Chemistry, Inorganic Chemistry,
Physical Chemistry and Medicinal Chemistry

Research Interests:

- Drug Design
- QSAR Parameters study
- Synthesis of small Bio-molecule
- Green Chemistry
- Material Chemistry
- Environmental Chemistry.

Education:

- PhD in Chemistry, Pandit Ravishankar Shukla University, Raipur, 2013.
- M.Phil. in Chemistry, Pandit Ravishankar Shukla University, Raipur, 2008.
- M.Sc. in Mathematics, Pandit Ravishankar Shukla University, Raipur, 2007.
- B.Sc. in Mathematics, Pandit Ravishankar Shukla University, Raipur, 2005.

Patents: 05 and Funded Projects: 00

Research / Selected Publications: (SCI: 04, Scopus: 04, and Google h-index: 4)

- Thermo physical and Excess Properties of Hydroxamic Acids in DMSO.
Piyush Thakur, Sandhya Patre and Rama Pande, J. Chem. Thermodyn., 58 (2013) 226-236.
- Steric Parameters and Excess Properties of Hydroxamic Acids.
Sandhya Patre, **Piyush Thakur** and Rama Pande, J. Chem. Thermodyn., 54 (2012)118-128.
- Antibacterial activities of sulfonyl or sulfonamide containing heterocyclic derivatives and its structure-activity relationships (SAR) studies: A critical review
Santosh Kumar Verma, Rameshwari Verma, Fan Xue, **Piyush Kumar Thakur**, Y. R. Girish, K.P. Rakesh, Bioorgan. Chem., 105, 104400, (2020).
- A Review on Green Synthesis, Characterization and Anticancer Application of Metallic Nanoparticles
Piyush Kumar Thakur and Varsha Verma. Biotechnol. Appl. Biochem., 193(7), 2357-2378,



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