Name of Faculty	Dr. Sathish Kumar Kurapati
Designation	Assistant Professor
Nature of Job/Appointment	Contractual
Date of Joining	27/07/2021
E-mail	satishkumark_chm@cbit.ac.in

Education Qualifications	**Name of the Degree**	**Class**
Ph. D	Doctor of Philosophy (Chemistry)	Awarded
PG	M.Sc. (Inorganic Chemistry)	first
UG	B.Sc	first

Work Experience

Teaching	4 Years
Research	3 Years
Industry	
Others	

Area of Specialization	Inorganic Chemistry
Professional Memberships	
Responsibilities held at Institution Level	1. Member and Squad of Disciplinary Committee, CBIT 2. Member in Infrastructure and General Maintenance Committee, CBIT.
Responsibilities held at Department Level	1. Acted as Class In charge during the academic year 2020-21. 2. Mentor, Student Counselling program for B.E & B. Tech first-year students in CBIT from 2017 to 2019.
Research Guidance	
Awards Received	
Courses Handled at Under Graduate / Post Graduate Level.	B.Sc Chemistry, Engineering Chemistry, M.Sc Inorganic Chemistry, and M.Sc General Chemistry.
No. of Papers Published	National Journals – Nil; International Journals – 15 National Conference – Nil; International Conference – 1
Projects Carried out	
Patents	
Technology Transfer	
Invited Speaker	
No. of Books/Chapters Published with details	1. Book Title: Nanotechnology-Based Additive Manufacturing, Chapter Title: Nanomaterials and Nanostructures in Additive Manufacturing: Properties, Applications, and Technological Challenges. Authors: D. Saritha* Sathish K. Kurapati, N. Mahendar Reddy, R. Sujithra, Ramesh Kola, Gubbala V. Ramesh Chapter 3, pp 53-102, December 23, 2022, Print ISBN:9783527349845 |Online ISBN:9783527835478 (Wiley Publishers).
Details of Short-Term Training Programs / Faculty Development Programs/Seminars / Workshops.Other Trainings (Attended /or organized).	1. Participated in an "Introduction to Ab Initio Calculations" workshop in December 2012, School of Chemistry, University of Hyderabad. 2. Participated in a Faculty development program on "Chemistry in medicine and material science" September 2020, National Institute of Technology Andhra Pradesh. 3. Participated in a Desktop Lecture series. RSC-IISER Desktop Seminar with Crystal Engineering Communications, September 2021. 4. Attended Faculty Development Program on Chemistry in Medicine and Material Science, 21–25th Sep 2020 & 5 days, organized by National Institute of Technology Andhra Pradesh, Tadepalligudem, Andhra Pradesh. 5. Attended Faculty Development Program on Emerging Trends in Nano Technology, 9–13th Nov 2021 & 5 days, organized by the Department of Basic Sciences, Vishnu Institute of Technology, Bhimavaram, Andhra Pradesh. 6. Attended Faculty Development Program on Research Trending Areas

in Humanities and Basic Sciences, 15–20th Nov 2021 & 5 days, organized by Research and Development Cell, ACE College of Engineering, Medchal, Hyderabad.

Details of Journal Publications/ Conferences (National and International) from the year 2017

International Journals from the year 2017

1. Sathish Kumar Kurapati* "Transmetalation: A Post-Synthetic Modification Tool for Functional Metal-Organic Framework Materials" Lecture Notes in Mechanical Engineering, 2023, 15-21. Springer, Singapore. https://doi.org/10.1007/978-981-19-5347-7.
2. Sateesh Mulkapuri, Athira Ravi, Rajender Nasani, **Sathish Kumar Kurapati**, and Samar K. Das, "Barrel-Shaped-Polyoxometalates Exhibiting Electrocatalytic Water Reduction at Neutral pH: A Synergy Effect" Inorganic Chemistry, 2022, https://doi.org/10.1021/acs.inorgchem.2c01811.
3. Sateesh Mulkapuri, Athira Ravi, Subhabrata Mukhopadhyay, **Sathish Kumar Kurapati**, Vinaya Siby and Samar K. Das, "W^{VI} –OH functionality on polyoxometalates for water reduction to molecular hydrogen" Inorganic Chemistry Frontiers, 2022, **9**, 3566.
4. Parameshwara Chary Jilloju, Leentje Persoons, **Sathish Kumar Kurapati**, Dominique Schols, Steven De Jonghe, Dirk Daelemans, Rajeswar Rao Vedula* "Discovery of (±)-3-(1 H-pyrazol-1-yl)-6, 7-dihydro-5 H-[1, 2, 4] triazolo [3, 4-b][1, 3, 4] thiadiazine derivatives with promising in vitro anticoronavirus and antitumoral activity" Molecular Diversity, 2021, pp.1–15.
5. Sateesh Mulkapuri, **Sathish Kumar Kurapati**, Subhabrata Mukhopadhyay, Samar K. Das*(2019), "Fully reduced V18O42 Host with VO43- and Cl- Guest: Synthesis, Characterization, and protonconductivity" New Journal of Chemistry, 2019, 43, pp.17670–17679.
6. Sateesh Mulkapuri, **Sathish Kumar Kurapati**, Samar K. Das*(2019) "A Polyoxometalate Capsule Made up of 15 Vanadium (IV) Centers: Aerial CO2 Capture" Dalton Trans, 2019, 48, pp.8773–8781.
7. Sabari Ghosh, Sathish Kumar Kurapati, Arpita Ghosh, Ankit Kumar,Srivastava,,SamudranilPal*(2018),"Di-µ-acetato Diuranyl(VI) Complexes with N-(2-pyridyl)-N'-(5-R-salicylidene) hydrazines: Syntheses, Structures, Properties, and Extraction Studies" ChemistrySelect, 2018, 3, pp.1–9.
8. Sabari Ghosh, **Sathish Kumar Kurapati**, Samudranil Pal*(2017), "Structures of cis-dioxomolybdenum(VI) with chiral tetradentate tripodal ligands" Acta Cryst, 2017, A73, C957.