

Chemistry Department

PhD Completed between 2011-2017

S N	Supervisor	Year	Student Name	Thesis Title	Co-Supervisor
1	Chayan Das	2014-15	Bharat P Kapgate	Reinforcement of rubber by Sol-Gel derived in Situ Silica	
2	Chayan Das	2016-17	Naresh Dayaram Bansod	Studies on Some Elastomeric Composites Filled with Non-Black Filler	
3	J D Ekhe	2011-12	Atul V. Maldhure	Studies on Modifications and Degradation of Industrial Waste –Lignin	
4	J D Ekhe	2015-16	Sumit Kumar Singh	Zeolite HZSM-5 Catalyzed Thermochemical Depolymerization Process for Valorization of industrial Waste Ligin	
5	J D Ekhe	2016-17	Raju Dutta	Studies on Development of Heterogeneous Acidic Catalysts for Biodiesel Preparation and other Applications	S A Mandavgane
6	Mrs. Anupama Kumar	2013-14	Sushma F Pardeshi	Synthesis and Evaluation of Molecularly Imprinted Polymers (MIPs) for Selective Extraction of Antioxidant	Mrs. Rita Dhopadkar
7	Mrs. Ramani Mothghare	2014-15	Kiran kumar Tadi	Fabrication and Evaluation of Electrochemical Sensors for Biologically Important Molecules	
8	S K Ghosh	2016-17	Manojkumar M Jadhao	Physicochemical Characterization of Potential Bioinorganic Small and Macro Molecules in Biomimetic Nano-Environments	Chayan Das
9	S S Umare	2011-12	B. H. Shambharkar	Synthesis and Physico-Chemical Studies of Polyaniline - Metal Oxide Nano composites	
10	S S Umare	2013-14	Archana V Charanpahari	Synthesis and Characterization of Metal Oxide Nanoparticles for Photocatalytic Application	
11	S S Umare	2014-15	Ganesh S Bhusari	Effect of diisocyanates on Physicochemical Properties and Hydrolytic Degradation of UV-curable Poly (Ester-Urethane) Methacrylates	

12	S S Umre	2015-16	Sachin S Ghugal	Development Of Visible Light Responsive Metal Oxide/Chalcogenides Based Photocatalysts For Photocatalytic Application	
13	Sujit Kumar Ghosh	2015-16	Himank Kumar	Physicochemical Characterization, DNA and Protien Binding of a Potential Bioactive Chalcone Derivative	

PhD Ongoing

Sr No	Student Name	Supervisor
1	RAKESH RAMESH CHILLAWAR	Ramani Motghare
2	G ARCHANA APPA RAO	Anupama Kumar
3	RITIKA SADANAND JOSHI	S Ghosh
4	DIPALI CHHABILALJI RAHANGADALE	Anupama Kumar
5	SHIRINAZ IMAM KHAN	Ramani Motghare
6	DINESH VYANKATRAO KAWADKAR	Sangesh Zodape
7	ASHOK GANESH SHENDE	S S Umre
8	DOYEL BHATTACHARYA	Sangesh Zodape
9	KESHAB MANGAL BAIRAGI	Susanta Nayak
10	DEVTHADE VIDYASAGAR	S S Umre
11	PRABHAKAR SHRIVAS	Umesh Pratap
12	SWAPNIL KESHAVRAO WARKHADE	Atul Wankhede
13	DAYARAM TULSIRAM SARVE	J D Ekhe
14	KAPIL SHANKARRAO GANORKAR	S Ghosh
15	RANJITA SWAPAN DAS	Kumar A + Wankhede
16	LOUIS MARY RAJU	Laxmi Gayatri Zorokhaibam
17	DEWENDRA CHHAGANLAL THAKRE	A Bannerjee
18	PRERNA SUNILSINGH KHAGAR	S Halder
19	SAROJ PANDHARINATH SAHARE	Sangesh Zodape
20	KAPIL SURESH INGLE	Susanta Nayak
21	SOHAM MUKHERJEE	S Ghosh
22	VANDANA SUDAM SHENDE	Sangesh Zodape

Sponsored R & D Projects Completed

	Project Name	Co-ordinator	Dept.	Sponsoring Agency	Project Value	Sanction date	Duration (years)
1	Halogen-bonded supramolecules showing liquid crystalline properties"	Shusanta Kumar Nayak	Chemistry	DST (ECR)	55,31,000		

Sponsored R & D Projects Ongoing

Sr No.	F Y	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned Order no. & Date	Total Amt of Project (In Lakhs Rs.)	Amt received in 2016-17(in words)
1	2016-17	Dr. Umesh Pratap	SERB	Biocatalysis for the sustainable development of Organic synthesis	SB/279/2013 20/3/2017	5	Five lakh only
2	2016-17	Dr. Sangesh Zodape	UGC-DAE CSR	Synthesis, characterization of mixed ferrites and its applications	CSR-IC-BL- 67/CSR- 184/2016-17/848 9/2/2017	2.46	Two Lakh forty six thousand six hundred only
3	2016-17	Dr.S.S.Umare	DST SERB	Development of TiO ₂ Quantum dots and their composites for Photocatalytic Application	NA	46	Fourty Six lakh
4	2016-17	Dr. Susanta K. Nayak	SERB	Halogen-bonded supramolecules showing liquid crystalline properties	ECR/2016/00182 0/ 09-01-2017	29.37	Twenty Nine Lakhs and Thirty seven thousand

Research Publications as under SCOPUS

[Dr. A V Wankhede](#)

[Dr. Mrs. Anupama Kumar](#)

[Dr. Chayan Das](#)

[Dr. J D Ekhe](#)

[Dr. Laxmi Gayatri S](#)

[Dr. Mrs. Ramani Motghare](#)

[Dr. S P Zodape](#)

[Dr. S S Umare](#)

[Dr. Sujit Kumar Ghosh](#)