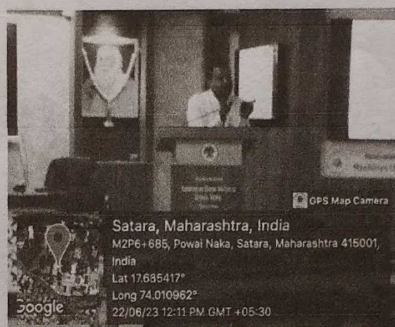


**Rayat Shikshan Sanstha's
Yashvantrao Chavan Institute of Science, satara(Autonomous)
Department of Chemistry
Research Training Report 2023-24**

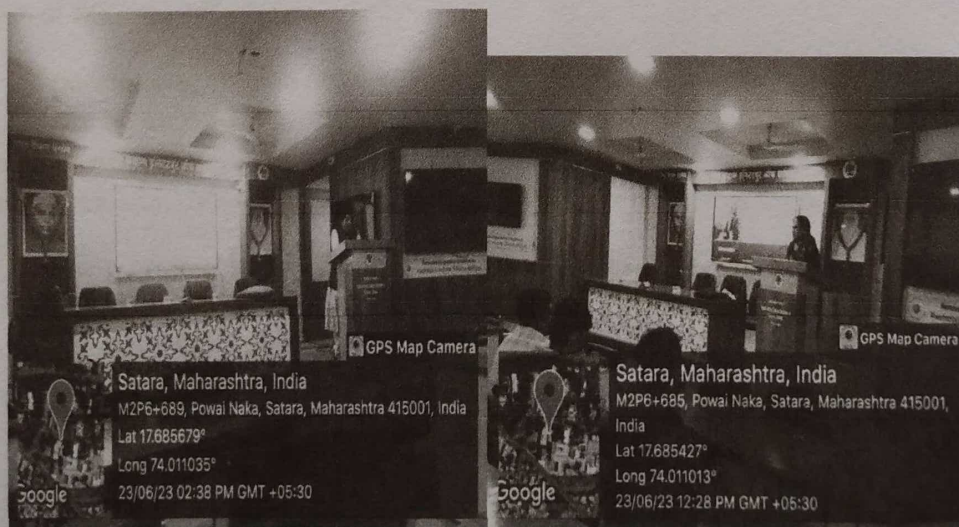
Research training for the M.Sc.II students were arranged from 21 June to 7 July 2023 Inaugural function of this program was conducted on 21 June. Introductory speech of this program was delivered by PG co-ordinator Dr.P.V.Chavan sir.

After the inaugural function first lecture of research training was taken by the Dr.P.V.Chavan on 21-06-2023, topic of his presentation was choosing research and research topics they guided our students about how to choose research topic also importance and opportunities about publishing research paper.

Second lecture was taken by Dr.S.M.Nimbale sir on 22-06-2022 he guided student about the research data collection.

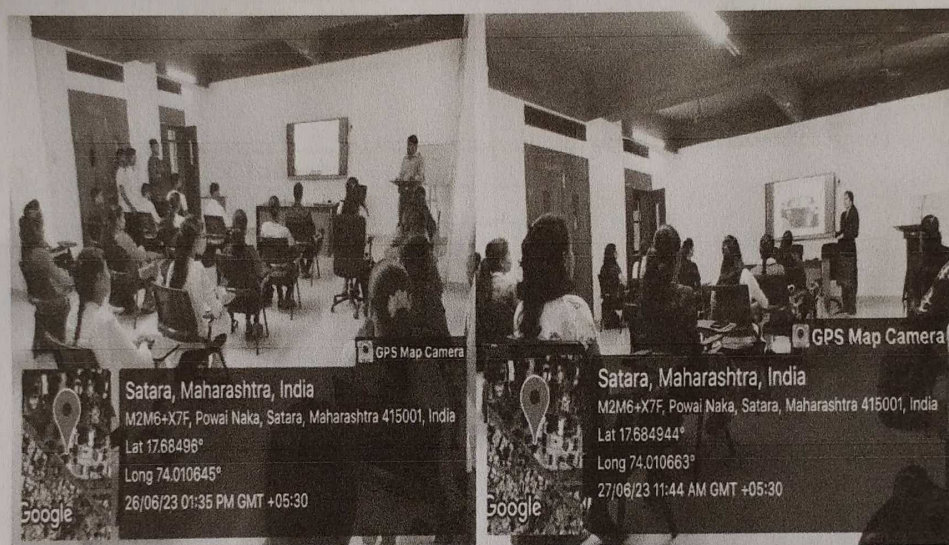


Third Morning session lecture was conducted by the Dr.Mrs V.V.Sawant madam on 23-06-2023 in her lecture she guided student about how to write research project properly. Afternoon session of research training was conducted by Dr.A. R.Mali madam she guided student about the research project writing. She also give guidance to student about how to make an attractive graphical art, cover art for research paper also guided student about writing abstract and introduction of research paper.



On 24th June morning session lecture was conducted by the Dr.Ms.M.S.Barge madam she guided students about the referencing and cross referencing for research. She gave training to student about how to search research references and how to list out references properly with the help of google scholar, also teach students about how to download and use Zotero app for referencing. After that in afternoon session Dr.S.B.Kamble sir deliver lecture on Literature survey in research. In his talk he guided student about how to download and read rare research paper, also lots of opportunities available for researcher are explained by him.

Next lecture was conducted on 26th June by Dr.N.K.Desai sir on UV-Vis. Spectroscopy. He also give guidance to the student about UV-Vis. Instrument handling on 1, 3 and 4th July.




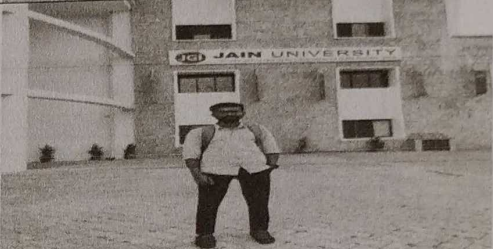


On 27th June Morning session of Research training lecture was conducted by the Dr.S.P.Waghmare madam on use of ultrasonicator and Microwave in the research, she also guided student about how to draw reactions using Chem- Draw software. She also gave a hands on training on the same instrument on 30th June afternoon session. Afternoon session of 27th June was conducted again by the PG-Co-ordinator Dr.P.V.Chavan sir on Need of research at PG.

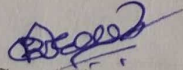
Next morning session lecture was conducted on 28 June by the Dr. R.V. Hangarge sir in his lecture he explained purification techniques involved in research to student. Same day afternoon session lecture was conducted by the Dr. G.D.Kokate sir he gave guidance to the student for the stimulation and prediction of NMR spectra by using nmrdb.org.

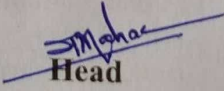
In the morning session of 30-06-2023 Mr P.M.Gaikwad sir give lecture on HPLC also explained its Industrial applications. He also gave students hands on training on the HPLC on 1,3 and 4th July. In next day 1 July Dr. V.B.Ghanvat sir delivered lecture on Scanning electron microscopy and also showed virtually working of SEM. He also give a hands on training on the Sem on 5,6 and 7th July.

Near about 78 students taken research training at the RIRD

Remaining students taken research training at different places as per given bellow

Sr.No.	Name of the Student	Place of research training	Photo
1	Rhyaman Manteer	IIT Mumbai	
2	Mayuri Ghadage	IIT Mumbai	
3	Pruthaviraj Kubal	NMS Banglore	
4	Prajyot Kumbhar	NMS Banglore	
5	Aniket Naik	NMS Banglore	
6	Gourav Chowkwale	NMS Banglore	
7	Sujit Deshmukh	IIT Indore	
8	Ajay Nalawade	IIT Indore	
9	Arun Kumbhar	IIT Indore	
10	Arjun Keskar	IIT Indore	
11	Pooja Dhanawade	Chemsar research Training Centre(Hadapasar Pune)	
12	Sayali Dhavale	Chemsar research Training Centre(Hadapasar Pune)	
13	Sakshi Duduskar	Chemsar research Training Centre(Hadapasar Pune)	
14	Snehal Gaikwad	Chemsar research Training Centre(Hadapasar Pune)	
15	Vaishanavi Galane	Chemsar research Training Centre(Hadapasar Pune)	


Co-ordinator
PG


Head
Department of Chemistry