



# Miranda House

## UNIVERSITY OF DELHI

### Departmental Annual Report - 3 Departmental Activities: Curriculum and Beyond

Department: Chemistry  
Academic Year: 2021-22

#### Part A.2

#### Students undertaking project work/field work/internship (beyond the requirements of coursework) A.2.1

Following students of B.Sc. (Hons) Chemistry participated in the 6-weeks long DSKC Summer Workshop 2021, held from 15 June to 31 July 2021 and successfully completed their projects.

S.No.	Student	Semester	Project Title
1.	Ojaswita Pant	VI	A comprehensive review: Synthesis, Properties, and Applications of Alkaline Earth Metal titanate perovskite nanoparticles
2.	Pooja Yadav	VI	A comprehensive review: Synthesis, Properties, and Applications of Alkaline Earth Metal titanate perovskite nanoparticles
3.	Gariyashi Deka	VI	A comprehensive review: Synthesis, Properties, and Applications of Alkaline Earth Metal titanate perovskite nanoparticles
4.	Pooja	VI	A comprehensive review: Synthesis, Properties, and Applications of Alkaline Earth Metal titanate perovskite nanoparticles
5.	Bhumika Rani	VI	A comprehensive review: Synthesis, Properties, and Applications of Alkaline Earth Metal titanate perovskite nanoparticles
6.	Raveena Sharma	VI	A comprehensive review: Synthesis, Properties, and Applications of Alkaline Earth Metal titanate perovskite nanoparticles
7.	Muskan Singh	IV	Supported Copper and Copper Oxide based Nanoparticles (review)
8.	Mansi Sharma	VI	Supported Copper and Copper Oxide based Nanoparticles (review)
9.	Shruti Sharma	VI	Supported Copper and Copper Oxide based Nanoparticles (review)
10.	Vandana Devi	VI	Supported Copper and Copper Oxide based Nanoparticles (review)
11.	Anushka Chaudhary	VI	Supported Copper and Copper Oxide based Nanoparticles (review)
12.	Hitakshi Mathur	VI	Supported Copper and Copper Oxide based Nanoparticles (review)



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13.	Lakshita Hasija	VI	To analyse the effectiveness of the alpha lipoic acid and alpha linoleic acid in stabilizing EGCG (used in treating cancer) using molecular docking
14.	Garima Arora	VI	To analyse the effectiveness of the alpha lipoic acid and alpha linoleic acid in stabilizing EGCG (used in treating cancer) using molecular docking
15.	Prachi	VI	To analyse the effectiveness of the alpha lipoic acid and alpha linoleic acid in stabilizing EGCG (used in treating cancer) using molecular docking
16.	Neha	VI	To analyse the effectiveness of the alpha lipoic acid and alpha linoleic acid in stabilizing EGCG (used in treating cancer) using molecular docking
17.	Khushboo Goel	VI	Synthesis of Six membered Nitrogen heterocycles
18.	Kriti Shakya	VI	A review on degradation of chemical wastes by using metal oxide semiconductors
19.	Aarushi Gupta	VI	A review on degradation of chemical wastes by using metal oxide semiconductors
20.	Divya Singh	VI	A review on degradation of chemical wastes by using metal oxide semiconductors
21.	Anjana R Chandran	VI	A review on degradation of chemical wastes by using metal oxide semiconductors
22.	Anjali V A	VI	A review on degradation of chemical wastes by using metal oxide semiconductors
23.	Kanika Goyal	VI	A review on degradation of chemical wastes by using metal oxide semiconductors
24.	Ekta	VI	Determination of energy band gap using UV-Visible absorption data