



# Miranda House

## UNIVERSITY OF DELHI

### Departmental Annual Report - 3

#### Departmental Activities: Curriculum and Beyond

**Department: Chemistry**

**Academic Year: 2020-21**

#### 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 2020, held from 30 June to 30 July 2020 and successfully completed their projects.

S.No	Student	Semester	Project Title
1.	Navpreet Kaur	IV	Effect of Covid-19 on the environment
2.	Sanna	IV	Effect of Covid-19 on the environment
3.	Shagun Paliwal	IV	Effect of Covid-19 on the environment
4.	Sakshi	IV	Effect of Covid-19 on the environment
5.	Riya Kumari	IV	Effect of Covid-19 on the environment
6.	Hana Fathima Keloth	IV	The Drug discovery process with special focus on Covid-19 drug candidates
7.	Anjana R Chandran	IV	The Drug discovery process with special focus on Covid-19 drug candidates
8.	Muskan Singh	VI	The Drug discovery process with special focus on Covid-19 drug candidates
9.	Manisha	IV	The Drug discovery process with special focus on Covid-19 drug candidates
10.	Neha Sharma	IV	Docking simulation of Cyclin-Dependent Kinase 2 (CDK2) with 7YG



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11.	R Bhuvaneshwari	IV	Docking simulation of Cyclin-Dependent Kinase 2 (CDK2) with 7YG
12.	Shweta Nirwan	IV	Docking simulation of Cyclin-Dependent Kinase 2 (CDK2) with 7YG
13.	Zainab Fatima		Docking simulation of Cyclin-Dependent Kinase 2 (CDK2) with 7YG
14.	Vini	IV	To study the molecular docking of a Serine Protease Inhibitor
15.	Srishti	IV	To study the molecular docking of a Serine Protease Inhibitor
16.	Kriti Shakya	IV	To study the molecular docking of a Serine Protease Inhibitor
17.	Preeti	IV	To study the molecular docking of a Serine Protease Inhibitor
18.	Rakhi	IV	Molecular Docking of HIV Protease Inhibitor XK263
19.	Sakshi	IV	Molecular Docking of HIV Protease Inhibitor XK263
20.	Sonam	IV	Molecular Docking of HIV Protease Inhibitor XK263
21.	Nisha Naziya	IV	Science of a fingertip pulse oximeter
22.	Anjel Fathima KK	IV	Science of a fingertip pulse oximeter
23.	Akshaya Mohan	IV	Science of a fingertip pulse oximeter
24.	Keerthi E	IV	Science of a fingertip pulse oximeter
25.	Ishika Bansal	IV	Computational study of some Organic and Inorganic compounds using Avogadro software
26.	Divya Singh	IV	Computational study of some Organic and Inorganic compounds using Avogadro software
27.	Komal	IV	Computational study of some Organic and Inorganic compounds using Avogadro software



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28.	Kalpana Mahala	IV	Boosting the Immune System to fight COVID -19
29.	Kanika Deshwal	IV	Boosting the Immune System to fight COVID -19
30.	Kirti	IV	Boosting the Immune System to fight COVID -19
31.	Meghna Manoharan	IV	Boosting the Immune System to fight COVID -19
32.	Aarushi Gupta	IV	Cancer chemotherapy and the role of Nanochemistry
33.	Aarti	IV	Cancer chemotherapy and the role of Nanochemistry
34.	Raveena Kumari	IV	Cancer chemotherapy and the role of Nanochemistry
35.	Shruti Sharma	IV	Advanced Techniques for Materials Characterization and In Vitro study of Metal Oxides Nano-materials for Anticancer Application
36.	Payal Yadav	IV	Advanced Techniques for Materials Characterization and In Vitro study of Metal Oxides Nano-materials for Anticancer Application
37.	Yashasvi Banyla	IV	Advanced Techniques for Materials Characterization and In Vitro study of Metal Oxides Nano-materials for Anticancer Application
38.	Samya Raj	IV	Advanced Techniques for Materials Characterization and In Vitro study of Metal Oxides Nano-materials for Anticancer Application
39.	Shilpi Yadav	IV	Antiviral nano coatings for Personnel Protective Equipment
40.	Snehal Kumari	IV	Antiviral nano coatings for Personnel Protective Equipment
41.	Vandana Kumari	IV	Antiviral nano coatings for Personnel Protective Equipment
42.	Vaishali Singh	IV	Antiviral nano coatings for Personnel Protective Equipment