



# Miranda House

## UNIVERSITY OF DELHI

### Departmental Annual Report - 3

#### Departmental Activities: Curriculum and Beyond

Department: Computer Science

Year: 2021-2022

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

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

<https://mirandahouse.ac.in/uploads/dskc/summerworkshop/2021%20DSKC%20Summer%20Workshop%20Report.pdf>

S.No	Name	Project	Supervisors
1.	Jyoti Choudhary, B.Sc. Physical Science, II Semester	Iris Recognition	Dr. Harjeet Kaur, Dr. Nirmala Saini, Dr. Sanju and Dr. Sonam Singh
2.	Shrishti, B.Sc. Physical Science, II Semester		
3.	Swati Tomar, B.Sc. (H) Physical Science, VI Semester.	A Design analysis of green building in different climatic zones	Dr. S N Sandhya, Dr Vandana Verma and Dr Rashmi Rakshit
4.	Adhisha, B.Sc. Physical Science, IV Semester.	Inside the Horizon of a Black Hole	Dr. Sunita Singh, Dr. Nisha Rani and Dr. Sonam Singh
5.	Shakshi, B.Sc. (H) Physical Science, IV Semester.	Statistical methods to constrain Parameters of Lambda CDM Model using Strong Gravitational Lensing Galaxies	Dr. Abha Dev Habib and Dr. Nisha Rani



# Miranda House

## UNIVERSITY OF DELHI

6.	Yamini Paliwal, B.Sc. Physical Science, VI Semester.	Danger Detection using Hand-Gesture Recognition	Dr. Sonam Singh, Dr. Nirmala Saini, Dr. Harjeet Kaur and Dr. Sanju
7.	Isha Yadav, B.Sc. Physical Science, VI Semester.		
8.	Shreya Saini, B.Sc. Physical Science, VI Semester.		
9.	Aarushi Dubey, B.Sc. Physical Science, VI Semester.		
10.	Sanu Soumya, B.Sc. Physical Science, VI Semester.		
11.	Amrutha V Devan, B.Sc. Physical Science, VI Semester.	Quark- Net and data analysis on speed of muons	Dr. S.N Sandhya and Dr. Raishma Krishnan

### Project: Guru Dhvani Antenna Design Challenge 2021

Institution: Astro Club, Department of Physics, Fergusson College, Pune and Teacher Learning Center, IUCAA

Period: September, 2021 to January, 2022

The following students worked on the Project, - Dr. Nisha Rani and Dr. Abha Dev Habib as Mentors:

1. Adhisha, B.Sc. Physical Sciences with Computers, Roll No: 2020/1611
2. Ifra Moin, B.Sc. Physical Sciences with Computers; Roll No: 2020/1789
3. Jyoti Choudhary, B.Sc. Physical Sciences with Computers, Roll No: