



Miranda House

UNIVERSITY OF DELHI

Internal Academic Audit

Department: Mathematics

Academic Year: 2021-22 (from 1 July 2021 to 30 June 2022)

Strengths Being an integral constituent of one of the premier institutes, bestows on us, our department prestige and credibility across the country. It thus, attracts the best women students from India and abroad. The department has a group of dedicated, adaptable, well-qualified teachers who have passion for lifelong love of teaching learning. The department has an effective way of teaching with strong bi-lingual communication skills, enabled with IT tools. The faculty teaches various software namely Mathematica, MATLAB, Latex, Scilab and R-Programming for which we have perpetual license. The teachers hold a special bond with the students under the mentor-mentee relationship. This relationship allows the students to converse their concerns to be discussed with their mentors and help them overcome their inhibitions. This also helps in nurturing leadership qualities. The faculty and students are actively involved in extramural activities that influence their overall development of their personality. These activities sensitize the students about various social and environmental issues which help them becoming a responsible citizen. Each year, the Mathematics Department has something exciting to add to its treasury of activities, while it continues with its normal activities, hence expanding its horizon.

Weakness Involvement of alumni at departmental level is less. As compared to the no. of students, the number of lab staff is inadequate which is also not permanent, this affects the smooth execution of the practicals. As research work of the faculty and the students require more focus, individual faculty rooms is a salient need of the hour. Industry-academy interface requires departmental placement cell.

Future Plans The Department is also planning to start a colloquium from next Academic Session so that the students will have an opportunity to participate in paper presentation and other academic endeavours. The Department is planning to organize a workshop on Calculus namely, Mathematical Concert on Calculus, in the month of January and UPSC talk the walk with an expert, who is Principal Director in CAG, Government of India. The department would also work on a mechanism to have exhaustive information about all the students who are graduating from Miranda House, Mathematics Department and their settlement with the career. We hope to build and work on strong mentor-mentee relationship with

our students in the coming future. Faculty members wish to apply to DU Innovation Projects for setting up of a vibrant Centre of Mathematics Education at Miranda House premises.

A handwritten signature in black ink, appearing to read 'Nisha', written over a diagonal line that extends from the bottom left towards the top right.

Dr. Nisha Vashishta

Coordinator, IQAC