

# Jesus and Mary College

University of Delhi  
Chanakyapuri, New Delhi - 110021  
Accredited by NAAC with "A" Grade



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## ACTION TAKEN REPORT DEPARTMENT OF MATHEMATICS

In a meeting, the Department has comprehensively analyzed and discussed the data received from the IQAC regarding the feedback from various stakeholders. The 'self-assessment proforma' has been used to reflect on the various processes of the Department. We are cognizant of our strengths and shall work to address the challenges that lie ahead.

Dr. Indrakshi Dutta  
(Teacher-in-charge)





## ACTION TAKEN REPORT

### MATHEMATICS DEPARTMENT

1. The department conducted various seminars/talks in 2019-20.

- i. **Seminar on Sexual Harassment at Workplace on 20th September 2019**

The Seminar started with a debate competition on the topic "If you walk into a room and feel uncomfortable, then that is harassment", followed by a report presentation on Sexual Harassment. Both the events were witnessed by participants from various colleges. The seminar concluded with an interactive session by Advocate Zeba Khair.

- ii. **Seminar on Financial Wellness by Xylem- 25th September, 2019**

An interactive and knowledgeable session conducted on personal growth and five secrets of Financial Wellness.

- iii. **A Talk by T.I.M.E on 'Careers in U.S.A' - 4th March, 2020**

The session helped the students to know about the career opportunities in the USA and the right approach to be used in order to get into colleges abroad.

- iv. **International webinar on the topic "How to stay Cyber safe in Covid-19 times" on 22nd June, 2020**

The Department of Mathematics in collaboration with IQAC, Jesus and Mary College organized an interactive webinar. It was very interactive as well as relatable at the same time. It cautioned about the increasing cyber-crimes and informed about how to stay protected from crimes in the cyber world.

2. Eminent speakers like Prof. Anup Kanti Deb, Advocate Zeba Khair, Ms Rakhee Lakhanpal Malik, Dr Taisha Abraham and Prof. Asha Mathur from various sectors were invited to seminars/talks conducted by the department.
3. One-week self defence workshop was organised to introduce students self-defence techniques so as to help them face unprecedented circumstances in collaboration with Delhi Police.
4. Dr. Rashmi Sehgal Thukral participated in "Refresher Course on Recent Advances in Research Methodology".
5. Faculty of mathematics department participated actively in conferences/seminars/webinars/FDPs.
6. Two research papers were published in the year 2019-20.

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7. The department has a dedicated and committed faculty that encourages the students to take up research-oriented projects/internships.
8. Some faculty members organise and conduct research workshops in collaboration with other departments focusing on enhancing research skills of students.
9. As an outcome of the research projects, students published research paper titled 'Analysis of Fractal Patterns in the Prices of Agrobased commodities' presented in 3rd International Conference on Modern Mathematical Methods and High-Performance Computing in Science & Technology. The project was mentored by Dr Monica Rani.
10. The second edition of Department Newsletter "Algorithm" was released under the guidance of Dr. Anu Saxena.
11. Students participated actively in extra-mural, co-curricular activities within and outside college.
12. The department is working to build a database for our alumni and the exercise is in the progress.
13. Proper reports of all seminars, projects, field trips and internships are maintained.

