Janki Devi Memorial College

Department of Mathematics

Association Report

2025-26

The Department of Mathematics aims at providing in depth knowledge of the subject which enables students to pursue their career in a diverse range of fields like banking, civil services, corporate sector, actuarial sciences, teaching, research and many more. For overall development of students, a varied range of activities are organized which includes talks, seminars, workshops, quizzes, field visits, excursions and fun events.

Teacher In-Charge: Dr. Teena Kohli

Association In-Charges: Dr. Anuradha and Mr. Shankar

Events 2025-26

Orientation Session on Discipline Specific Elective: 2nd and 3rd Year, 25th June 2025

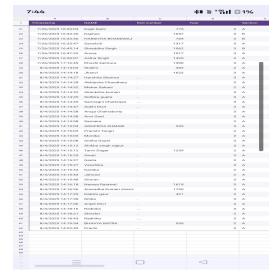
Name of the event:	Online Orientation (2 nd and 3 rd Year)
Date:	25 June ,2025
Name of the organizer(s):	Department of Mathematics
Type of the event: (intra-college/inter-college/ state/ national or any other collaboration)	Intra-College
Objectives of the event:	To apprise the students about the course structure
Name and Affiliation of the Resource person (if applicable):	NA
No. of students present:	62

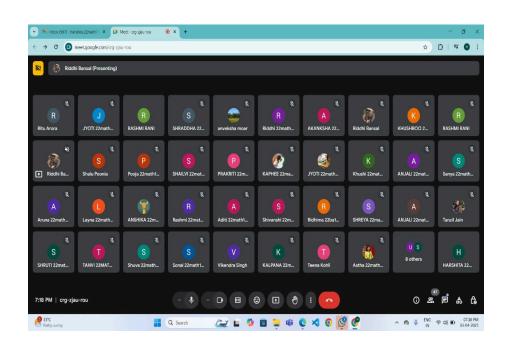
The Department of Mathematics organized an Online Orientation Programme for the 2nd and 3rd year students of B.Sc (Hons) Mathematics on 25th June 2025 through the Google Meet platform. The session was held to guide the students about the optional papers, course structure and other important details for the upcoming semester. The session was conducted under the guidance of **Dr. Teena Kohli (Teacher in-charge)**, **Dr.Anuradha and Mr.Shankar (Association in-charges)**. Faculty members interacted with the students and provided detailed information about the course structure. The session was interactive and engaging, allowing students to share their expectations for the year.

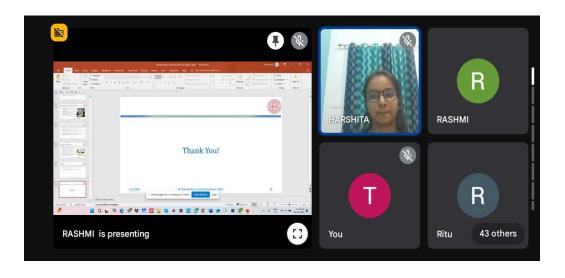












Orientation Session on Discipline Specific Elective: 4th Year, 26th July 2025

Name of the event:	Online Orientation (4th Year)
Date:	26 July ,2025
Name of the organizer(s):	Department of Mathematics
Type of the event: (intra-college/inter-college/ state/ national or any other collaboration)	Intra-College
Objectives of the event:	To apprise the students about the course structure
Name and Affiliation of the Resource person (if applicable):	NA
No. of students present:	62

The Department of Mathematics organized an Online Orientation Programme for the 4th Year students of B.Sc (Hons) Mathematics to guide the students as they entered their final year.

The programme began with a warm welcome by the faculty members, followed by an inspiring address by **Dr. Teena Kohli (Teacher in-charge)**, who encouraged the students to approach their final year with sincerity, focus, and enthusiasm. During the session, the faculty discussed the structure of the final year syllabus, including core and elective papers, internal assessments, and project work guidelines. Special emphasis was given to research methodology, dissertation writing, and analytical skill development, which form integral parts of the final year curriculum.



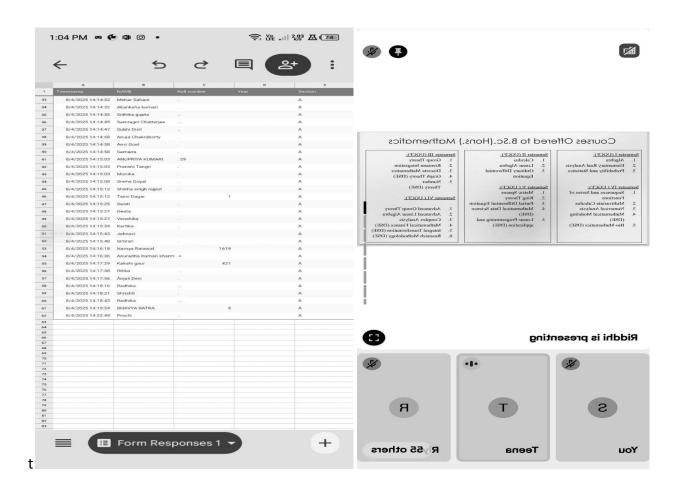
26 July, 2025 | 4:00 pm MODE: ONLINE

Astha Singh Student Coordinator)

Dr. Teena Kohli (Teacher In Charge)

Prof. Swati Pal

	10/17/2025 12:56:36	shweta 22math584@jdr	Shweta verma	8299576898	4	В
	10/17/2025 12:56:41	malik nishi 4454@igmail.	Nishi mulik	8791380420	1	В
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Orientation Session on Discipline Specific Elective: 1st Year, 4th Aug 2025

Name of the event:	Orientation (1 st Year)
Date:	4 August ,2025
Name of the organizer(s):	Department of Mathematics
Type of the event: (intra-college/inter-college/ state/ national or any other collaboration)	Intra-College
Objectives of the event:	To familiarize the students about the academic structure ,faculty and other departmental activities.
Name and Affiliation of the Resource person (if applicable):	NA
No. of students present:	61

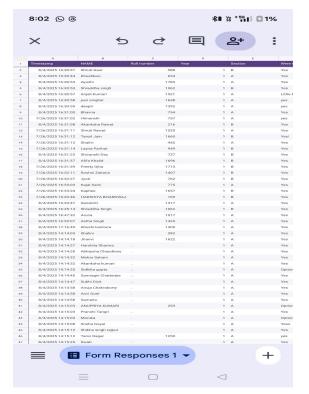
The Department of Mathematics organized **an orientation programme for the 1st Year** students of B.Sc (Hons) Mathematics on 4th August 2025 . The session was held to welcome the new batch of students to the department and to familiarize them with the academic structure, faculty members, and various departmental activities.

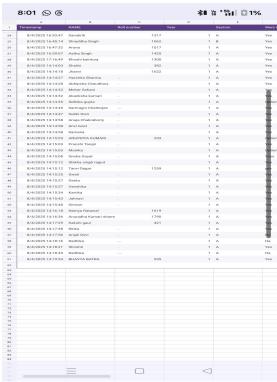
The programme began with a warm welcome by the faculty members, followed by an enlightening address by **Dr. Teena Kohli (Teacher in-charge)**, who extended her heartfelt congratulations to the newly admitted students. She motivated them to approach this new academic journey with curiosity, dedication, and enthusiasm. During the session, students were introduced to the course structure, internal assessment system, and examination pattern. Faculty members also explained the functioning of the Mathematics department, upcoming events, and opportunities for academic and personal growth. The orientation aimed to help students adjust smoothly to the college environment and understand the expectations of the department.

The session concluded with an interactive discussion, where students expressed their excitement and clarified their doubts regarding classes, schedules, and college facilities.











Robinhood Army, 11August 2025

Name of the event:	Robinhood Army
Date:	11 August,2025
Name of the organizer(s):	Department of Mathematics
Type of the event: (intra-college/inter-college/ state/ national or any other collaboration)	Intra-College
Objectives of the event:	To extend support to the underprivileged sections of the society
Name and Affiliation of the Resource person (if applicable):	NA
No. of participants:	52

The Department of Mathematics participated in a social contribution initiative in collaboration with the Robin Hood Army (RHA) on 11th August,2025. The objective of this initiative was to extend support to the underprivileged sections of society and contribute towards the cause of eradicating hunger.

In this noble effort, both teachers and students of the department came forward to make monetary contributions. The funds collected were handed over to the Robin Hood Army to support their food distribution drive for needy communities. The initiative reflected the department's commitment to promoting compassion, empathy, and social responsibility among students.



Academic Audit, 12 August, 2025

Name of the event:	Academic Audit
Date:	12 August,2025
Name of the organizer(s):	Department of Mathematics
Type of the event: (intra-college/inter-college/ state/ national or any other collaboration)	Intra-College
Objectives of the event:	To assess the academic functioning of the department, review teaching—learning practices, and ensure adherence to the university guidelines.
Name and Affiliation of the Auditor	Prof. Pragati Gautam Kamla Nehru College,University of Delhi
No. of participants:	13

The Department of Mathematics conducted its Academic Audit on 12th August 2025 as part of the college's quality assurance and evaluation process. The audit aimed to assess the academic functioning of the department, review teaching—learning practices, and ensure adherence to the institutional and university guidelines.

During the audit, detailed reports on course outcomes, attendance records, assessment methods, faculty activities, and student performance were presented and reviewed. Faculty members discussed the academic achievements of the department, innovative teaching methodologies adopted, and participation in co-curricular and extension activities.

The audit committee appreciated the department's efforts in maintaining academic excellence and encouraged further enhancement in areas such as research initiatives, student engagement, and curriculum enrichment. Constructive feedback and recommendations were also provided to strengthen the overall academic environment.







Departmental Union Elections 2025

Name of the event:	Departmental Union Elections 2025
Date:	26 August,2025
Name of the organizer(s):	Department of Mathematics
Type of the event: (intra-college/inter-college/ state/ national or any other collaboration)	Intra-College
Objectives of the event:	Selection of the student representatives
Name and Affiliation of the Resource Person(s)	NA
No. of participants:	NA

The Department of Mathematics Union Election for the academic session 2025–26 was successfully conducted on 26th August 2025. The election process was carried out in a transparent and organized manner, providing students with the opportunity to actively participate in the selection of their student representatives.

The results of the election are as follows:

President: Kirtika Rai − 136 votes 🗸 (Elected)

Vice-President: Anushka − 75 votes (Elected)

General Secretary: Sneha − 97 votes (Elected)

Treasurer: Neeru Chauhan − 127 votes 🔽 (Elected)

The election witnessed enthusiastic participation from the students, reflecting a strong sense of responsibility and democratic engagement within the department. Faculty members supervised the proceedings to ensure fairness and transparency.

The department congratulated all the elected representatives and extends best wishes for a successful and productive tenure, fostering academic and co-curricular development among the students.

Pedagogy Workshop, 1 September 2025

Name of the event:	Pedagogy Workshop
Date:	1 September,2025
Name of the organizer(s):	Department of Mathematics
Type of the event: (intra-college/inter-college/ state/ national or any other collaboration)	Intra-College
Objectives of the event:	To enhance teaching methodologies, foster innovation in classroom practices, and promote reflective pedagogy
Name and Affiliation of the Resource Person(s)	Prof. Ranjana Jain, Prof. C. S. Lalitha and Prof. Arvind Patel
No. of participants:	13

The Department of Mathematics, under the aegis of the Internal Quality Assurance Cell (IQAC), organized a Pedagogy workshop on September 1, 2025, aimed at enhancing the teaching-learning process and introducing innovative pedagogical methods in mathematics education.

The session began at 10:00 a.m. with a warm welcome to the resource persons and participants. The workshop featured three eminent speakers from the University of Delhi:

Prof. Ranjana Jain, Department of Mathematics, University of Delhi (10:00 – 11:00 a.m.)

Prof. C. S. Lalitha, Department of Mathematics, University of Delhi (11:00 a.m. – 12:00 p.m.)

Prof. Arvind Patel, Department of Mathematics, University of Delhi (12:00 – 1:00 p.m.)

Each session focused on different aspects of pedagogy, including effective classroom communication, conceptual understanding, student engagement strategies, and the integration of technology into mathematics teaching. The speakers shared their extensive experience and provided practical insights into creating an interactive and inclusive learning environment.

The event was graced by **Dr. Teena Kohli** (Teacher In-charge), whose guidance and encouragement motivated the department to continue organizing such academic initiatives. The workshop was coordinated by **Dr. Anuradha and Mr. shankar** (Association In-charges).

The workshop concluded with an interactive Q&A session where participants shared their perspectives and experiences. The event was well-received by faculty members providing valuable insights into innovative teaching methodologies.









Teachers Day Celebration

Name of the event:	Teachers Day Celebration
Date:	8 September,2025
Name of the organizer(s):	Mathematics Association
Type of the event: (intra-college/inter-college/ state/ national or any other collaboration)	Intra-College
Objectives of the event:	To honor and appreciate the hard work of the teachers of the Mathematics Department.
Name and Affiliation of the Resource person (if applicable):	NA
No. of participants:	52

The Department of Mathematics of Janki Devi Memorial College proudly celebrated Teachers' Day on 8 September to pay tribute to the dedication and hard work of its teaching faculty. The celebration featured cultural performances by students, including a motivational skit and a musical tribute dedicated to the teachers. To add an academic touch, a mathematics quiz and problem-solving activity were organized, encouraging interaction and intellectual engagement among students and faculty members.

Several senior teachers shared their experiences and offered inspiring words, motivating everyone present. The event concluded with the presentation of tokens of appreciation to all faculty members, expressing gratitude on behalf of the students.

Overall, the Teachers' Day celebration was a heartfelt and memorable occasion that strengthened the bond between students and teachers and reinforced the department's commitment to excellence in education.

We extend our sincere thanks to the college administration, faculty, and students for their enthusiastic participation and support.



Freshers Orientation, 19 September 2025

Name of the event:	Freshers Orientation
Date:	19 September,2025
Name of the organizer(s):	Department of Mathematics
Type of the event: (intra-college/inter-college/ state/ national or any other collaboration)	Intra-College
Objectives of the event:	Welcome the freshers and familiarize them with college, teachers and senior students.
Name and Affiliation of the Judge of the event(if applicable):	NA
No. of participants:	NA

The Department of Mathematics of Janki Devi Memorial College organized a Freshers' Orientation Programme on **19th September 2025**, at the auditorium to warmly welcome the new batch of first-year students. The event aimed to familiarize the students with the academic structure, departmental activities, and the overall environment of the college.

The session was **addressed by the Teacher-in-Charge, Dr. Teena Kohli**, who welcomed the students and encouraged them to explore academic and co-curricular opportunities during their time at JDMC. She emphasized the department's commitment to academic excellence and holistic development.

Senior students shared their experiences and conducted an ice-breaking session to help freshers interact and feel at ease. The programme was successful in creating a welcoming and informative atmosphere for the new students as they begin their journey at Janki Devi Memorial College.





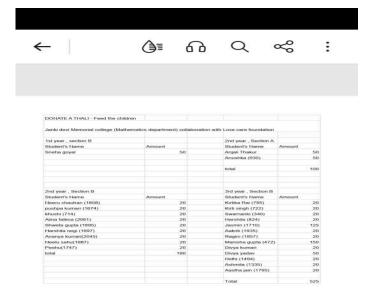














A Talk on Data Analysis Tools: MS Excel

Name of the event:	A Talk on Data Analysis Tools: MS Excel
Date:	17 october,2025
Name of the organizer(s):	Department of Mathematics in collaboration with ICT Committee
Type of the event: (intra-college/inter-college/ state/ national or any other collaboration)	Intra-College
Objectives of the event:	To familiarize students with the analytical and computational features of MS Excel
Name and Affiliation of the Resource person (if applicable):	Prof. Amita Charan, Ms.Vaishali Narolia
No. of participants:	62

The Department of Mathematics, in collaboration with the ICT Committee of Janki Devi Memorial College (under the aegis of IQAC), organized an informative session on Data Analysis Tools: MS Excel on 17 October 2025 in Computer Lab 3). The session aimed to familiarize students with the analytical and computational features of MS Excel and its importance in managing and interpreting data effectively.

The talk was conducted by Prof. Amita Charan (ICT Committee Convenor) and Ms. Vaishali Narolia, who shared valuable insights on the use of Excel as a versatile tool for data analysis. The speakers explained essential features such as data sorting, filtering, conditional formatting, and pivot tables, along with practical demonstrations of important functions like AVERAGE, COUNTIF, VLOOKUP, and CORREL.

The session was highly interactive, as students were encouraged to practice along with the speakers. Both resource persons emphasized the relevance of Excel in academic research, project work, and professional data management. Their step-by-step explanations and real-time examples made complex analytical tools easier to understand and apply.

The event concluded with a vote of thanks delivered by the organizing team. Special appreciation was extended to Prof. Ritu Arora and Prof. Amita Charan, Convenors of the ICT Committee, for organizing and collaborating with the department to make the event a success. The session proved to be extremely beneficial, equipping students with valuable practical skills in data analysis using MS Excel.





Prof . Amita Charan was facilitated by Dr. Teena Kohli Anuradha



Ms. Vaisali Narolia was facilitated by Dr.

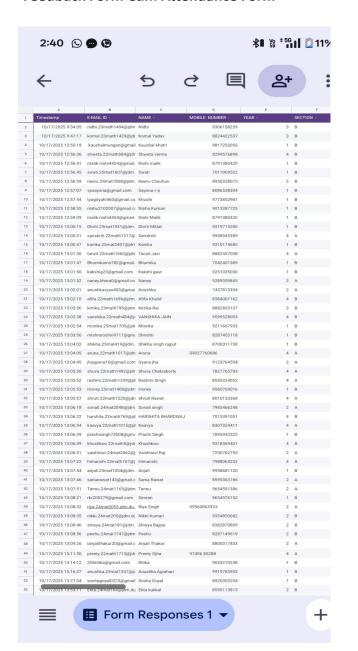


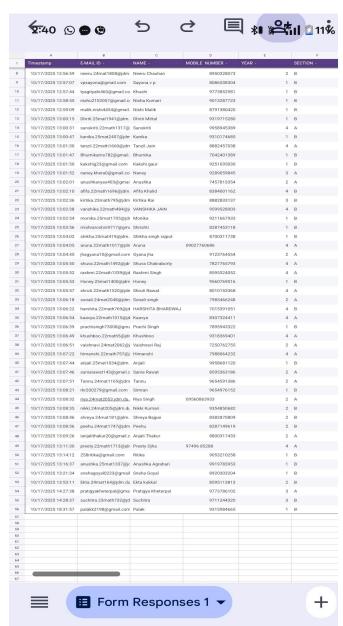






Feedback Form Cum Attendance Form





Session on "Gender oppression and its most potent weapon"

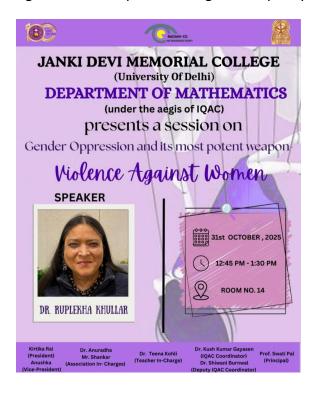
Name of the event:	Session on "Gender oppression and its most potent weapon"
Date:	31 october,2025
Name of the organizer(s):	Department of Mathematics
Type of the event: (intra-college/inter-college/ state/ national or any other collaboration)	Intra-College
Objectives of the event:	To familiarize students with the analytical and computational features of MS Excel
Name and Affiliation of the Resource person (if applicable):	Dr. Ruplekha Khullar
No. of participants:	47

The Department of Mathematics of Janki Devi Memorial College (under the aegis of IQAC), organized a session on Gender Oppression and Its Most Potent Weapon on 31 October 2025 in Room no. 14. The session aimed to spread awareness on gender inequality and gender oppression and to teach students to fight for their rights and to fight against all kind of violence against gender.

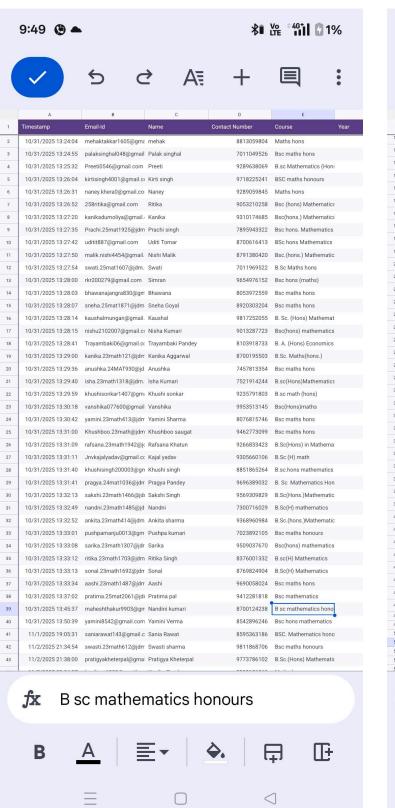
The talk was conducted by Dr. Ruplekha Khullar, who shared her valuable insights on gender oppression and its most potent weapon. The speaker explained essential issues regarding patriarchy system, gender inequality, difference between sex and gender, rights for women, mindsets on gender of common people and slow changing of society on these topics.

The session was highly interactive, as students were encouraged to talk with the speaker. The speaker emphasized the relevance of gender oppression in cooperative society, or in academic societies and in personal life. Their step-by-step and real time examples made complex ideology of society easier to understand.

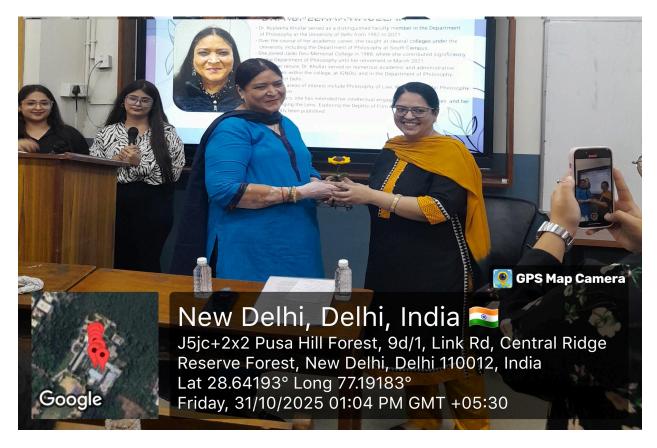
The speaker was felicitated by TIC Dr. Teena Kohli. The event concluded with a vote of thanks delivered by the organizing team. The session was extremely beneficial, teaching students their rights and the importance of gender equality











Dr. Ruplekha Khullar was felicitated by Dr. Teena Kohli



