



Tirumala Tirupati Devasthanams

శ్రీ వేంకటేశ్వర కళాశాల

Sri Venkateswara College

(University of Delhi)

NAAC Grade A+

**SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)**

EVENT REPORT

NAME OF THE EVENT: Online Certificate Course on Research Methodology in Mathematics			
DATE	DEPARTMENT	COMMITTEE/SOCIETY	COORDINATORS' NAME
23-27 June 2025	Mathematics	NA	Dr. Nisha Bohra
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor; online/offline/hybrid
3:00 p.m.-5:00 p.m.	Online	19 Students	Online
FINANCIAL SUPPORT/ASSISTANCE (if any):	NA		

BRIEF INFORMATION ABOUT THE ACTIVITY


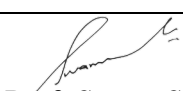
TOPIC/SUBJECT OF THE ACTIVITY	Research Methodology
OBJECTIVES	To equip students with foundational knowledge in research methodology, enabling them to meet the academic requirements of the VIIth Semester under NEP.
METHODOLOGY	<p>A one week online certificate course was organized for the students who have not studied Research Methodology in the VIth Semester, to ensure they acquire the necessary prerequisites before entering the VIIth Semester under the NEP (National Education Policy) framework.</p> <p>The program was successfully conducted with the help of our own faculty members of the Department of Mathematics who shared the valuable insights of the topic Research Methodology with the students.</p>
INVITED SPEAKERS WITH AFFILIATION DETAILS (IF ANY)	Dr. Nisha Bohra Dr. Rahul Thakur Ms. Monika Meena

OUTCOMES	Students were able to <ol style="list-style-type: none"> 1. Understand the Nature of Mathematical Research 2. Conduct Effective Literature Review and Academic Writing 3. Use LaTeX for Mathematical Documentation 4. Develop and Deliver Oral and Poster Presentations 5. Apply Ethical Practices and Evaluation Metrics in Research
-----------------	--

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters √	2 Number of Participants & Name of participants √	3 Video clip	4 Photos √	5 Feedback Form & analysis √
6 News clip with details	7 Sample Copy of the Certificate √	8 Posters/ Invites	9 Event report Attested by Event Coordinator & IQAC Coordinator	10 Any other document

IQAC Document No: IQAC/SVC/2024-25/MATHEMATICS 08	Criterion No: I and III
Departmental file no: SVC/2024-25/MATHEMATICS 08	IQAC file No: SVC/2024-25

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
 Dr. Nisha Bohra	 Prof. Swarn Singh	

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

SUMMARY

The Department of Mathematics, Sri Venkateswara College, University of Delhi, successfully conducted a **5-day online certificate course on "Research Methodology in Mathematics"** from **June 23 to June 27, 2025**. The course was designed to introduce students (who have not studied Research Methodology in VIth Semester) to the fundamentals of research in mathematics and equip them with essential academic tools and ethical practices required for conducting mathematical research in their VIIth Semester. Each session was held online via Google Meet, from **3:00 PM to 5:00 PM daily**, totaling **10 hours** of instruction.

Programme Highlights

- **Day 1: Introduction to Research Methodology in Mathematics**

Resource Person: Dr. Nisha Bohra

The session focused on the nature and goals of mathematical research, defining what constitutes research in mathematics, and identifying research problems.

- **Day 2: Review of Literature and Writing Techniques**

Resource Person: Dr. Nisha Bohra

Participants learned how to access and review mathematical literature from journals and databases.

The session also covered the structure of a research paper and techniques for effective mathematical writing.

- **Day 3: Introduction to LaTeX**

Resource Person: Ms. Monika Meena

This hands-on session introduced LaTeX, a vital tool for typesetting mathematical content.

Participants practiced using basic commands, writing equations, and formatting articles.

- **Day 4: Presenting Mathematical Research**

Resource Person: Dr. Rahul Thakur

The session covered techniques for preparing and delivering effective oral and poster presentations using tools like Beamer for creating research slides.

- **Day 5: Research Ethics and Evaluation Tools**

Resource Person: Dr. Nisha Bohra

The concluding session emphasized the importance of ethical conduct in research, use of plagiarism detection and citation tools, and understanding journal evaluation metrics such as Impact Factor and SJR.

Proofs:

1. Notice inviting student registrations for the program



Department of Mathematics
Sri Venkateswara College
University of Delhi



Date: 14 June 2025

Notice

This is to inform all students that the Department of Mathematics is organizing a **One-Week Online Certificate Course on Research Methodology in Mathematics**.

The programme is specially designed for students who have not studied **Research Methodology in the VIth Semester**, to ensure they acquire the necessary prerequisites before entering the **VIIth Semester** under the NEP (National Education Policy) framework.

Details of the Programme:

- **Mode:** Online
- **Duration:** One Week
- **Dates:** 23-27 June 2025
- **Eligibility:** Students entering **VIIth Semester** who have not taken **Research Methodology in the VIth Semester**
- **Objective:** To equip students with foundational knowledge in research methodology, enabling them to meet the academic requirements of the **VIIth Semester** under NEP.

It is mandatory for all the eligible students to register and actively participate in this programme.

For registration and further details, kindly contact:
Dr. Nisha Bohra, nishabohra@svc.ac.in

A handwritten signature in black ink, appearing to read 'Swarn Singh'.

Dr. Swarn Singh
Teacher-in-charge
Department of Mathematics

2. Schedule of the program

5-Day Online Programme Schedule

Mode: Online | Duration: 2 hours/day | Total Duration: 10 hours

	Time	Topics	Learning Objectives	Resource Person
Day 1	03:00 PM–5:00 PM	Introduction to Research Methodology – What is research in mathematics? Nature and goals of mathematical research, Identifying research problems	Understand what constitutes research in mathematics; recognize importance of research in academic progression	Dr. Nisha Bohra
Day 2	03:00 PM–5:00 PM	Review of Literature & Writing Techniques – Sources: journals, databases, Structure of a research paper, Effective mathematical writing	Learn to search, review, and organize mathematical literature; write clear, concise mathematical text	Dr. Nisha Bohra
Day 3	03:00 PM–5:00 PM	Introduction to LaTeX – Writing articles using LaTeX – Basic commands, equations, sections, tables	Gain hands-on experience with LaTeX, the essential tool for typesetting mathematics	Ms. Monika Meena
Day 4	03:00 PM–5:00 PM	Presenting Mathematical Research – Poster and oral presentations, Using Beamer for slides	Learn effective presentation techniques and tools; practice preparing talks and visual materials	Dr. Rahul Thakur
Day 5	03:00 PM–5:00 PM	Research Ethics & Evaluation Tools – Plagiarism and citation tools, Journal quality metrics (Impact Factor, SJR), COPE guidelines	Understand the ethical conduct of research, importance of citations, and how to evaluate journals	Dr. Nisha Bohra

Please use the link below to join the online sessions: Online Certificate Course on Research Methodology in Mathematics

June 23, 2025, 3:00pm – June 27, 2025, 5:00pm ·

Time zone: Asia/Kolkata

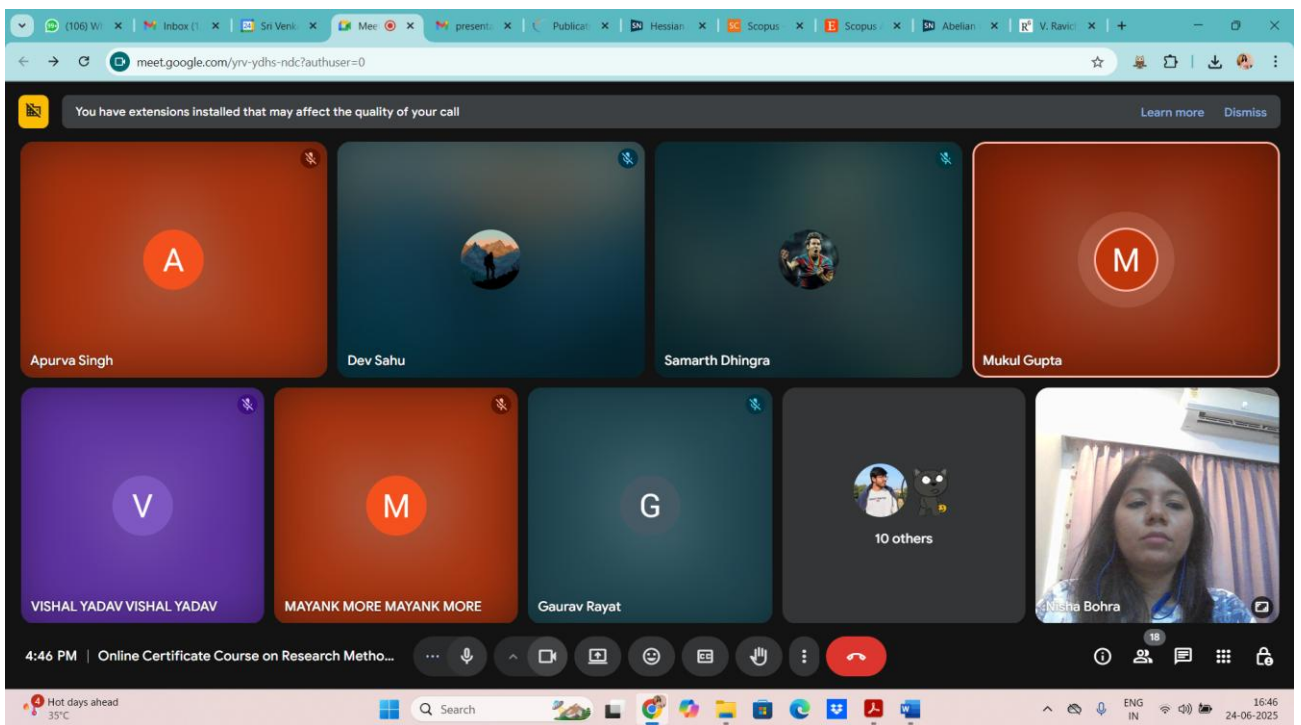
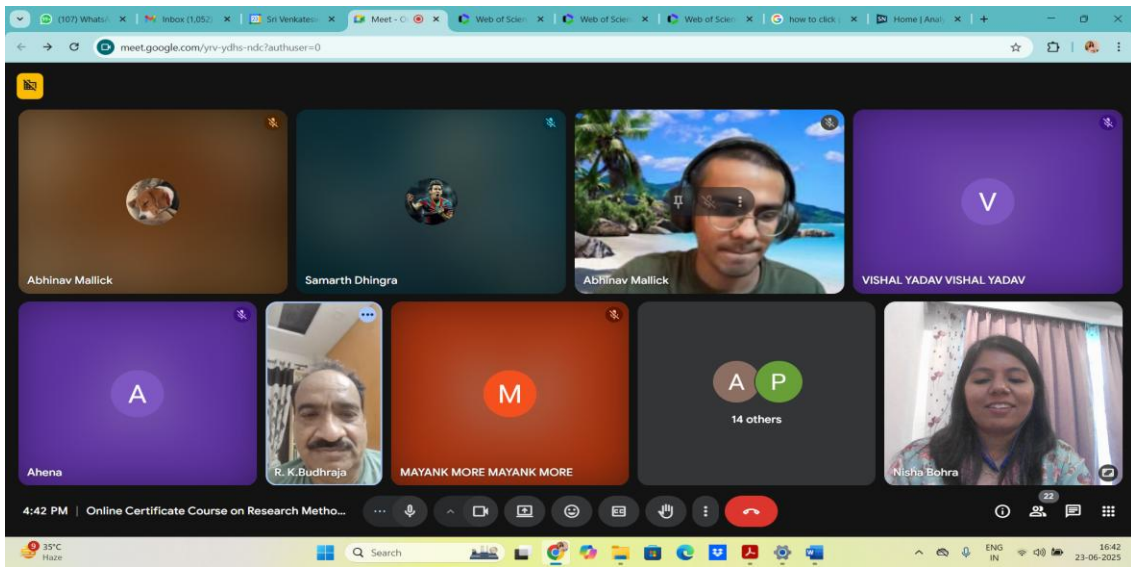
Google Meet joining info

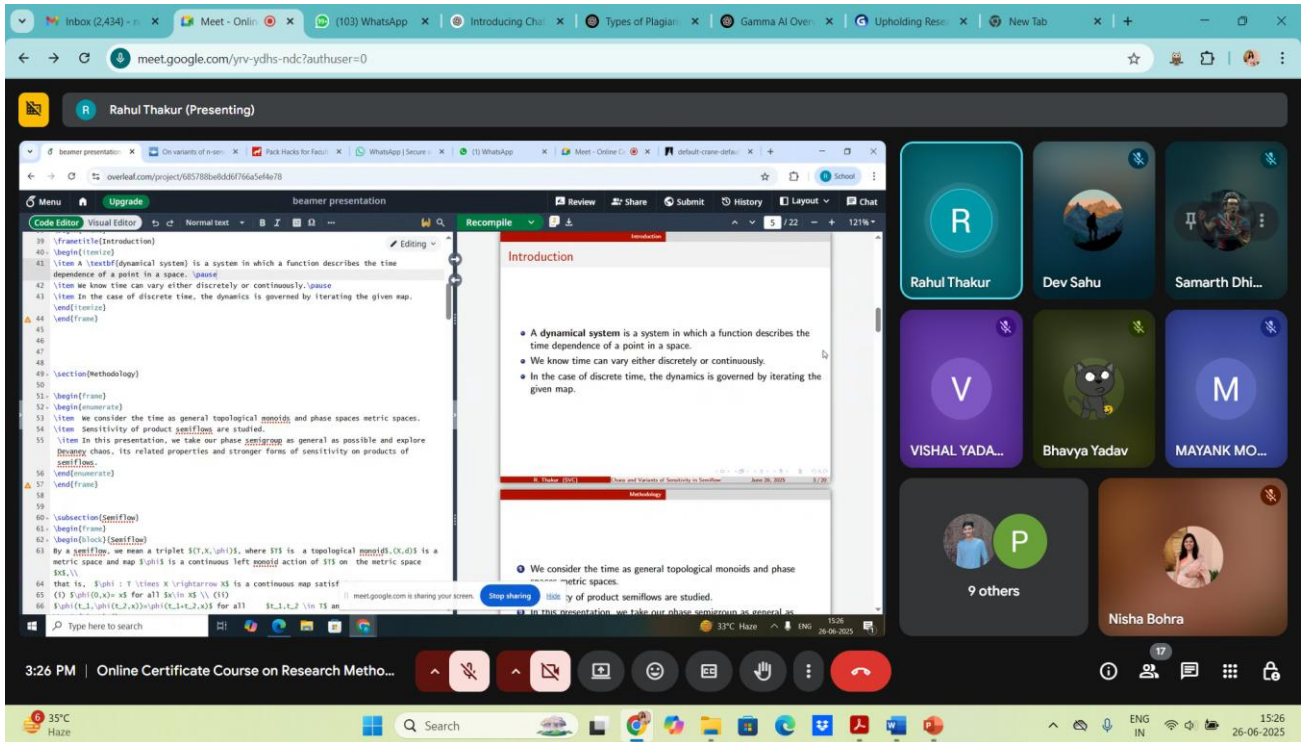
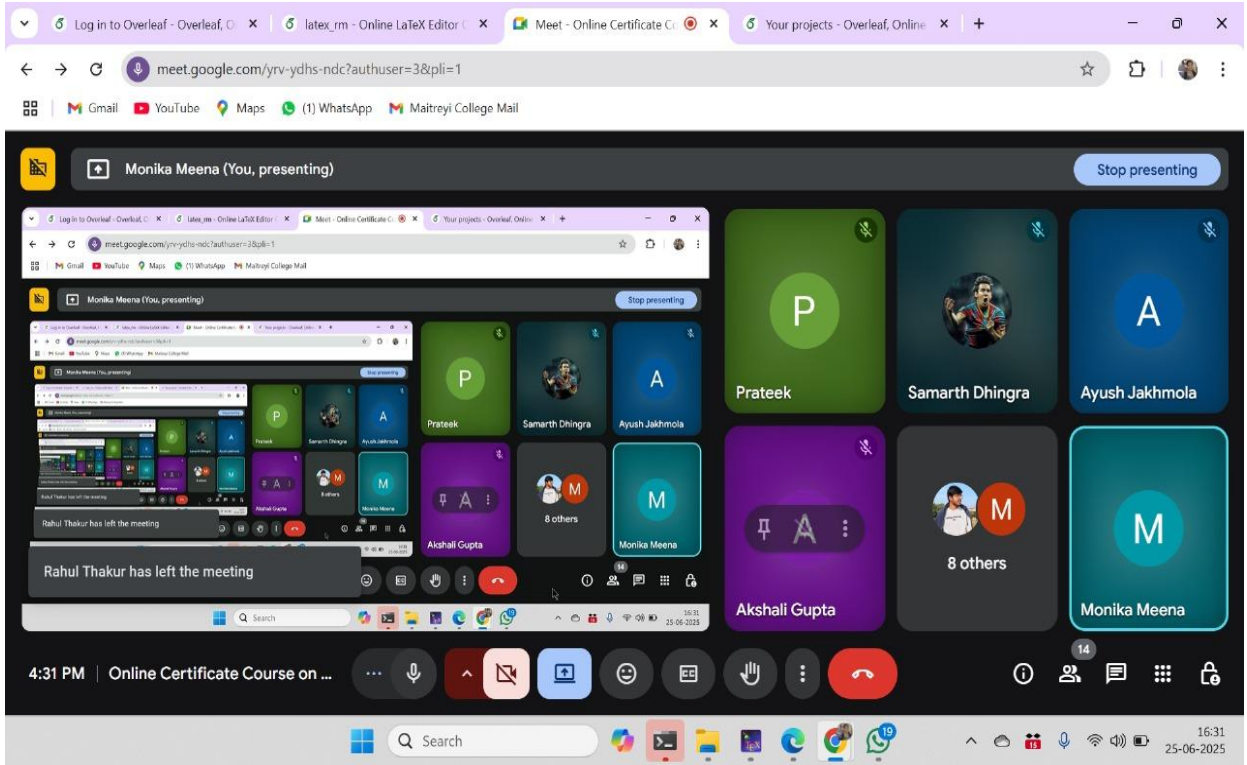
Video call link: <https://meet.google.com/yrv-ydhs-ndc>

Reference material

1. Bindner, Donald, & Erickson Martin (2011). A Student's Guide to the Study, Practice, and Tools of Modern Mathematics. CRC Press, Taylor & Francis Group.
2. Gallian, Joseph A. (2006). Advice on Giving a Good PowerPoint Presentation (<https://www.d.umn.edu/~jgallian/goodPPTalk.pdf>).
3. Lamport, Leslie (2008). LaTeX, a Document Preparation System, Pearson.
4. Locharoenrat, Kitsakorn (2017). Research Methodologies for Beginners, Pan Stanford Publishing Pte. Ltd., Singapore.
5. Nicholas J. Higham. Handbook for writing for the Mathematical Sciences, SIAM, 1998.

3. Pictures





4. Details of participants

Jun 23-27, 2025 | [Online Certificate Course on Research Methodology in Mathematics](#)

Faculty Attendees: Prof. Swarn Singh, Prof. R.K. Budhraja, Mr. Ninian Nauneet Kujur, Dr. Nisha Bohra, Ms. Monika Meena, Dr. Rahul Thakur.

Details of the student participants

S.No.	Name	Email address
1	Abhinav Mallick	abhinavmallick03@gmail.com
2	Gaurav Rayat	Gaurav.rayat2004@gmail.com
3	Mayank More	mayankmore2430@gmail.com
4	Ahena Shibu	ahenas04@gmail.com
5	Vishal Yadav	1722033@svc.du.ac.in
6	Akshali Gupta	akshaligupta1525@gmail.com
7	Dev Kumar Sahu	devkumarsahu4002@gmail.com
8	Prateek	Prateeksvc2022@gmail.com
9	Ayush Jakhmola	ayushjakhmola11@gmail.com
10	Mukul Gupta	mukulgupta2110@gmail.com
11	Abhinav	abhinavjangra1818@gmail.com
12	Samarth Dhingra	samarthdhingra20@gmail.com
13	Mansi Kaushik	kaushikmansi11@gmail.com
14	Bhavya yadav	bhavyayadav3074@gmail.com
15	Apurva Singh	s.apurva2004@gmail.com
16	Kirti	kirtidalal678@gmail.com
17	Aditya Chandna	adityachandna2@gmail.com
18	Ayan	ayan250404@gmail.com
19	Yogesh Rathore	yr385458@gmail.com

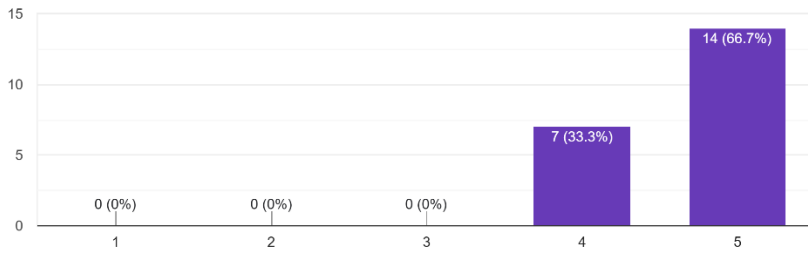
5. Sample certificate



6. Feedback of the program

How would you rate the overall course experience? 1 being the lowest.

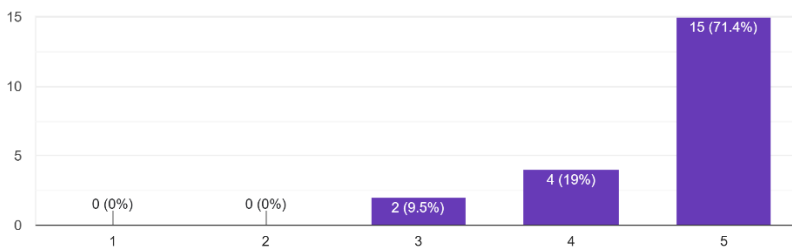
21 responses



How relevant and useful was the course content to your academic needs? Rate on a scale of 1 to 5.

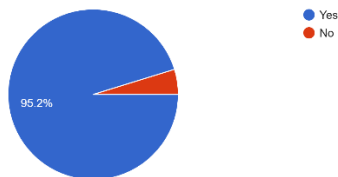
5.

21 responses



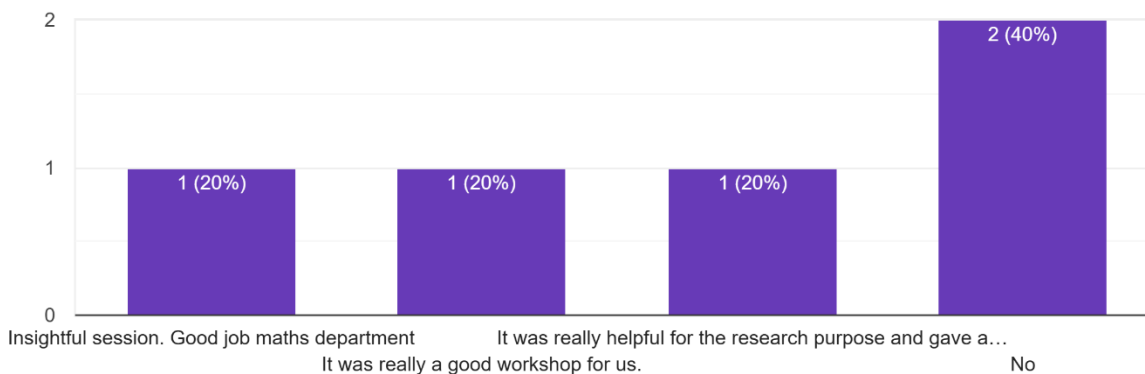
Was the duration of each session appropriate?

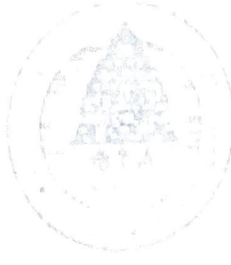
21 responses



Any useful suggestions or comments?

5 responses





Tirumala Tirupati Devasthanams

శ్రీ వంకటేశ్వర కళాశాల

Sri Venkateswara College
(University of Delhi)

NAAC Grade A+

पूर्णता प्रमाण पत्र **COMPLETION CERTIFICATE**

यह प्रमाणित किया जाता है कि गणित में अनुसंधान पद्धति में एक सप्ताह का ऑनलाइन
सर्टिफिकेट कोर्स को 23-06-25 से 27-06-25 तक 3:00 अपराह्न से 5:00 अपराह्न तक
गणित विभाग द्वारा ऑनलाइन माध्यम में सफलतापूर्वक आयोजित किया गया और इस
कार्यक्रम की रिपोर्ट अभिलेख के लिए आंतरिक गुणवत्ता आश्वासन प्रकोष्ठ (IQAC) को
जमा कर दी गई है।

This is to certify that the one-week certificate course in Research Methodology in
Mathematics was successfully conducted from 23-06-25 to 27-06-25 from 3:00
p.m.-5:00 p.m. by Department of Mathematics in the Online mode and its event
report has been submitted to IQAC for records.

Nisha
Event In-Charge

To Richa Misra
IQAC Coordinator

Anjali
Principal