

Curriculum Vitae



DR. PIYUSH BANSAL

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Personal Details

- Father's Name : Sh. Rohtas Bansal
- Mother's Name : Smt. Pratibha Bansal
- Date of Birth : 11th February, 1993
- Gender : Male
- Nationality : Indian
- Religion : Hindu
- Height : 5'6"
- Languages known : English and Hindi
- Address : 434, Ground Floor, City Homes, Omaxe City, Rohtak Road, Sector-15, Bahadurgarh, Haryana-124507.

Academic Qualifications

- **Matriculation Examination** : C.B.S.E. in 2008
Aggregate : 84.4 % , Mathematics : **86** %
- **DSSCE** : C.B.S.E. in 2010 (Science Stream)
Aggregate : 90 % , Mathematics : **95** %
- **Graduation** : University of Delhi, Delhi in 2013
B.Sc. (Honours) Mathematics
(From Rajdhani College)
Aggregate : 91.64 % , Mathematics : **94.58** %
- **Post Graduation** : University of Delhi, Delhi in 2015
M.Sc. Mathematics (Pure Mathematics)
(From St. Stephen's College)
Aggregate : 84.125 % , Mathematics : **84.125** %

- **M.Phil.** : Department of Mathematics,
University of Delhi, Delhi, in May 2017
Title of M.Phil. Dissertation:
“*Uncertainty Principles on Sturm-Liouville Hypergroups*”
Aggregate : **89 %**
- **CSIR-UGC NET Exam** : **JRF-CSIR** with All India Rank – **85**
Qualified Joint CSIR-UGC Exam for JRF and
Eligibility for Lectureship (NET)
- **Ph.D.** : Department of Mathematics
University of Delhi, Delhi, in June 2025
Title of Ph.D. thesis:
“*Uncertainty Principles for Certain Integral Transforms on
Unimodular Groups of Type I*”

Specialization

- Harmonic Analysis, Uncertainty Principles.

Research Papers Published/Communicated

1. **Piyush Bansal**, Ajay Kumar, Ashish Bansal (2022). *Continuous Modulated Shearlet Transform*, Adv. Pure Appl. Math., **13**(4), 29-57.
DOI: 10.21494/ISTE.OP.2022.0887, eISSN: 1869-6090, Mathematical Reviews: MR4505900, Zentralblatt Math: 1532.43003
2. **Piyush Bansal**, Ajay Kumar, Ashish Bansal (2023); *Uncertainty Inequalities for Certain Connected Lie Groups*, Annals of Functional Analysis, **14**, 3. (27 pages).
DOI: 10.1007/s43034-023-00280-2, pISSN: 2639-7390, eISSN: 2008-8752, Mathematical Reviews: MR4592382, Zentralblatt Math: 1526.43004
3. Ashish Bansal, **Piyush Bansal** (2023), *Lieb's Inequality for Continuous Modulated Shearlet Transform on LCA Groups*, Tuijin Jishu/Journal of Propulsion Technology, **44**(3), 4441-4445.
DOI: <https://doi.org/10.52783/tjjpt.v44.i3.2405>, eISSN: 1001-4055.
4. **Piyush Bansal**, Ajay Kumar, Ashish Bansal (2024); *Qualitative uncertainty principle for continuous modulated shearlet transform*, Advances in Operator Theory, **9**, 46. (27 pages).
DOI: 10.1007/s43036-024-00346-5, pISSN: 2662-2009, eISSN: 2538-225X, Mathematical Reviews: MR4744999, Zentralblatt Math: 07952234

5. **Piyush Bansal**, Ashish Bansal (2025). *Nazarov Uncertainty Principle for Continuous Modulated Shearlet Transform on Euclidean Motion Group*, International Journal of Scientific and Research Publications, **15**(9), 69-75.
DOI: 10.29322/IJSRP.15.09.2025.p16508, eISSN: 2250-3153
6. **Piyush Bansal**, Ashish Bansal (2025). *Nazarov Uncertainty Principle for Certain Lie Groups*, Journal of Informatics and Mathematical Sciences, **17**(3), 315-323.
DOI: <https://doi.org/10.26713/jims.v17i3.3342>, pISSN: 0974-875X, eISSN: 0975-5748

Books Authored

1. Dr. Ashish Bansal, **Piyush Bansal** (2026). Applied Mathematics (Volume 2), Class 12, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-47471-64-3.
2. Dr. Ashish Bansal, **Piyush Bansal** (2026). Applied Mathematics (Volume 1), Class 12, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-47471-95-7.
3. Dr. Ashish Bansal, **Piyush Bansal** (2026). Mathematics (CBSE XI), CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-47471-37-7.
4. Dr. Ashish Bansal, **Piyush Bansal** (2026). Mathematics (CBSE XI), CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-48457-77-6.
5. Dr. Ashish Bansal, **Piyush Bansal** (2026). Mathematics (Volume 2), Class 12, CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-48457-27-1.
6. Dr. Ashish Bansal, **Piyush Bansal** (2026). Mathematics (Volume 1), Class 12, CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-48457-04-2.
7. Dr. Ashish Bansal, **Piyush Bansal** (2026). Mathematics (Volume 2), Class 12, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-48457-43-1.
8. Dr. Ashish Bansal, **Piyush Bansal** (2026). Mathematics (Volume 1), Class 12, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-48457-50-9.
9. Dr. Ashish Bansal, Dr. Sandhya Jain, **Dr. Piyush Bansal** (2025). Integral Transforms. Department of Distance and Continuing Education, Campus of Open Learning, School of Open Learning, University of Delhi, Delhi.
10. Dr. Ashish Bansal, **Piyush Bansal** (2025). Mathematics (CBSE XI), CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-48457-64-6.
11. Dr. Ashish Bansal, **Piyush Bansal** (2025). Mathematics (CBSE XI), CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-48457-55-4.
12. Dr. Ashish Bansal, **Piyush Bansal** (2025). Mathematics (Volume 2), Class 12, CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-19446-60-5.
13. Dr. Ashish Bansal, **Piyush Bansal** (2025). Mathematics (Volume 1), Class 12, CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-19446-71-1.

14. Dr. Ashish Bansal, **Piyush Bansal** (2025). Mathematics (Volume 2), Class 12, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-980764-2-7.
15. Dr. Ashish Bansal, **Piyush Bansal** (2025). Mathematics (Volume 1), Class 12, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-980764-6-5.
16. Dr. Ashish Bansal, **Piyush Bansal** (2024). Mathematics (CBSE XI), CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-19446-55-1.
17. Dr. Ashish Bansal, **Piyush Bansal** (2024). Mathematics (CBSE XI), CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-19446-17-9.
18. Dr. Ashish Bansal, **Piyush Bansal** (2024). Mathematics (Volume 2), Class 12, CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-19446-60-5.
19. Dr. Ashish Bansal, **Piyush Bansal** (2024). Mathematics (Volume 1), Class 12, CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-19446-71-1.
20. Dr. Ashish Bansal, **Piyush Bansal** (2024). Mathematics (Volume 2), Class 12, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-19446-14-8.
21. Dr. Ashish Bansal, **Piyush Bansal** (2024). Mathematics (Volume 1), Class 12, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-19446-13-1.
22. Dr. Ashish Bansal, **Piyush Bansal** (2024). My Perfect Mathematics Lab Activity Manual, Class 10, CBSE. Max Educational Publishers, Delhi. ISBN: 978-93-93244-47-5.
23. Dr. Ashish Bansal, **Piyush Bansal** (2024). My Perfect Mathematics Lab Activity Manual, Class 9, CBSE. Max Educational Publishers, Delhi. ISBN: 978-93-93244-46-8.
24. Dr. Ashish Bansal, **Piyush Bansal** (2024). My Perfect Mathematics Lab Activity Manual, Class 8, CBSE. Max Educational Publishers, Delhi. ISBN: 978-93-93244-45-1.
25. Dr. Ashish Bansal, **Piyush Bansal** (2024). My Perfect Mathematics Lab Activity Manual, Class 7, CBSE. Max Educational Publishers, Delhi. ISBN: 978-93-93244-40-6.
26. Dr. Ashish Bansal, **Piyush Bansal** (2024). My Perfect Mathematics Lab Activity Manual, Class 6, CBSE. Max Educational Publishers, Delhi. ISBN: 978-93-93244-39-0.
27. Dr. Ashish Bansal, **Piyush Bansal** (2023). Mathematics (CBSE XI), CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-961626-6-5.
28. Dr. Ashish Bansal, **Piyush Bansal** (2023). Mathematics (CISCE XI), CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-961626-4-1.
29. Dr. Ashish Bansal, **Piyush Bansal** (2023). Mathematics (Volume 2), Class 12, CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-95933-36-5.
30. Dr. Ashish Bansal, **Piyush Bansal** (2023). Mathematics (Volume 1), Class 12, CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-90851-68-3.
31. Dr. Ashish Bansal, **Piyush Bansal** (2023). Mathematics (Volume 2), Class 12, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-81-959333-2-7.

32. Dr. Ashish Bansal, **Piyush Bansal** (2023). Mathematics (Volume 1), Class 12, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-90851-67-6.
33. Dr. Ashish Bansal, **Piyush Bansal** (2022). TestFit CUET (UG)-2022, Class Undergraduate Courses, NTA. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-9085-195-9.
34. V.K. Gupta, A.K. Bansal and **P.K. Bansal** (2020). ISC Mathematics (Class XII) Vol I. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-89174-24-3.
35. V.K. Gupta, A.K. Bansal and **P.K. Bansal** (2020). ISC Mathematics (Class XII) Vol II. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-89174-25-0.
36. V.K. Gupta, A.K. Bansal and **P.K. Bansal** (2019). Mathematics (CBSE XII) Vol I. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-879-0762-1.
37. V.K. Gupta, A.K. Bansal and **P.K. Bansal** (2019). Mathematics (CBSE XII) Vol II. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-879-0755-3.
38. V.K. Gupta, A.K. Bansal and **P.K. Bansal** (2019). Mathematics (CBSE XI). Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-879-0798-0.
39. V.K. Gupta, A.K. Bansal and **P.K. Bansal** (2019). ISC Mathematics (Class XII) Vol I. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-87907-18-8.
40. V.K. Gupta, A.K. Bansal and **P.K. Bansal** (2019). ISC Mathematics (Class XII) Vol II. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-87907-26-3.
41. V.K. Gupta, A.K. Bansal and **P.K. Bansal** (2019). ISC Mathematics (Class XI) Vol I. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-8790-787-4.
42. V.K. Gupta, A.K. Bansal and **P.K. Bansal** (2019). ISC Mathematics (Class XI) Vol II. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-8790-789-8.
43. Dr. V.K. Gupta, Dr. A.K. Bansal, **P.K. Bansal** (2019). An Aid to Mathematics, Class 12, CBSE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-8917-430-4.
44. Dr. V.K. Gupta, Dr. A.K. Bansal, **P.K. Bansal** (2019). An Aid to Mathematics, Class 12, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-8917-402-1.
45. Dr. V.K. Gupta, Dr. A.K. Bansal, **P.K. Bansal** (2019). An Aid to Mathematics, Class 11, CISCE. Sultan Chand & Sons (P) Ltd., Delhi. ISBN: 978-93-87907-05-8.
46. **Authored** five books of Mathematics Lab Manual for **classes VI to X** titled '**My Ultimate Mathematics Lab Activity Manual**'.

Professional Details

- Working as **Assistant Professor** in the Department of Mathematics, St. Stephen's College, University of Delhi from 20 July 2017 to till date.
- Worked as a **NAAC Steering Committee** member from 7 March, 2022 to 11 Feb, 2023.

- Working as a **IQAC member of the Sub-committee for Criterion 3** “*Research, Innovations, and Extension*” since 7 March, 2022.
- Worked as a **Central Timetable Committee** member from March, 2021 to December 2024.
- Handling the **Mathematics department timetable** since July 2021.
- Currently appointed as **Staff Advisor** of the **Music Society** since August 2025.
- Appointed as **Staff Advisor** of the **Computer Science Society** for two years during the academic sessions 2023-2025.
- Appointed as **Staff Advisor** of the **Leadership Cell** for two years during the academic sessions 2019-2021.
- Active participation in the activities of the **Mathematics society** of St. Stephen's College, University of Delhi.
- Undertaken few research projects under “Nagpaul Fellowship” and 4th Year UGCF-NEP curriculum.
- **Mentored** many students over the years.
- **Conducted Tutorial sessions** for M.Sc. Mathematics IV Semester Students on the topic ‘Abstract Harmonic Analysis’ in the **Department of Mathematics**, University of Delhi from January 2016 to May 2016.
- **Papers taught:** Linear Algebra, Numerical Methods, Integral Transforms, Research Methodology, Algebra, C++ Programming for Mathematics, Differential Equations, Calculus and Matrices, Calculus and Geometry, Metric Spaces, Ring Theory, Complex Analysis, Numerical Analysis, Partial Differential Equations, Calculus, LaTeX and HTML, Computer Algebra Systems, Theory of Equations and Symmetries, Analytic Geometry, IT Skills and Data Analysis – I, , IT Skills and Data Analysis – II, Vedic Mathematics 1, Vedic Mathematics 2.

Workshops, Conferences and Talks

- **Participated** in the International Conference on **Ramanujan’s Legacy: Inspiring Future Generations in Mathematics and Beyond** organised by SGT University, Gurugram in collaboration with Shiksha Sanskriti Utthan Nyas (SSUN), New Delhi, and the Association of Indian Universities (AIU), New Delhi from 07th March to 8th March, 2026.
- **Participated** in National Workshop on **Gyan Sabha: Bhartiya Shiksha ki Drishti: Samagra Vikas** organized by NIT Delhi in collaboration with Shiksha Sanskriti Utthan Nyas (SSUN), New Delhi from 24th January to 25th January, 2026.
- **Participated** in the International Conference on **Foundations of Analysis and Algebra** organised by the Department of Mathematics, Mata Sundri College for Women, University of Delhi on 14th January, 2026.

- **Resource person** for “**LaTeX workshop**” organized by the Department of Physics in collaboration with IQAC, Motilal Nehru College on 08th November, 2025.
- **Delivered a youtube live lecture** on the topic “Differential Equations” conducted by National Institute of Open Schooling (NIOS), Noida on 31st October, 2025.
- **Delivered a talk** on ‘Uncertainty Principles for Certain Integral Transforms’ organized by the Department of Mathematics in collaboration with IQAC, St. Stephen’s College on 30th September, 2025.
- Invited as a **Jury Member** and **Guest of Honour** for the event **A Sankalan of Witpicks - 2025 - 2026** themed ‘**Inspire, Integrate and Innovate (Moving to Mastery)**’ organised by Kalka Public School, Alaknanda on 31st July, 2025.
- **Completed “NEP 2020 Orientation & Sensitization Programme”** under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission organized by the Centre for Professional Development in Higher Education (UGC-MMTTC), University of Delhi from 1st July to 10th July, 2025.
- **Convenor** of a seminar on **Vedic Mathematics** organized by the Department of Mathematics under the aegis of IQAC, St. Stephen’s College, University of Delhi on 16th April, 2025.
- **Completed** 12-hour Certificate Programme on **Cyber Security & Data Privacy** organized by St. Stephen’s College and All India Management Association (AIMA) from 24th February to 1st March, 2025.
- **Participated** in the International Conference ICRTM-2025 on **Recent Trends in Mathematics** organised by the Department of Mathematics, Hansraj College, University of Delhi from 7th February to 8th February, 2025.
- **Participated** in a workshop titled “**Workshop on MS Excel (Basic to Advanced) & Mental Wellbeing**” organised by St. Stephen’s college, University of Delhi and Apitoria Pharma Private Limited from 24th September to 25th September, 2024.
- **Participated** in Five Day Online workshop on “**Vedic Mathematics**” organised by the Department of Mathematics in collaboration with Shiksha Sanskriti Utthan Nyas, Tamil Nadu from 27th August to 31st August, 2024.
- **Participated** in a Three Days Faculty Development Program on “**How to Promote Entrepreneurship Development Among Youths as a Teacher**” organized by SK Associates & Group, from 23th July to 25th July, 2024.
- **Participated** in a Skill Training Workshop on “**AI Tools and Advanced Excel for Enhancing Paper Writing and Project Report**” organised by Vidya Vihar Institute of Technology, Purnea, Bihar & RSP Science Hub, Coimbatore, Tamil Nadu, on 25th May, 2024.

- **Convenor** of the **Organizing Team** of "Student Training Programme in Data Analytics" organised by the Computer Science Society and the Mathematics Society under the aegis of IQAC, St. Stephen's College, University of Delhi from 5th April to 10th April, 2024.
- **Participated** in a Two-day workshop on "**Establishment of Modalities for Skill Enhancement Courses**" under the theme "IT Skills and Data Analysis" organised by Skill Enhancement Course Committee, University of Delhi, from 4th March to 5th March, 2024.
- **Presented** a paper titled "**Nazarov's Uncertainty Principle for Continuous Modulated Shearlet Transform**" in the *International Conference on Mathematics and Applications* organised by the Department of Mathematics, Mata Sundri College for Women, University of Delhi from 10th January to 12th January, 2024.
- **Attended** a talk by Prof. Ali Baklouti, Sfax University, Tunisia titled "**Estimate of Lp-Fourier transform norm for some Lie groups**" organized by the Department of Mathematics, University of Delhi on 15th December, 2023.
- **Member** of the **Organizing Team** of "**Startup Conclave**" organized by Udhmodya Foundation, University of Delhi and Samarth Bharat from 27th October to 28th October, 2023.
- Invited as a **Jury Member** for the event **The Mathematical Tumblers** at Unnat - 2023 organised by Indraprastha WORLD SCHOOL, Paschim Vihar on 4th August, 2023.
- Invited as a **Jury Member** for the event **A Sankalan of Witpicks - 2023 - 2024** themed '**Mission Innovation**' organised by Kalka Public School, Alaknanda on 2nd August, 2023.
- Completed an **Orientation** program on "**Faculty in Universities/Colleges/Institutes of Higher Education**" organized by Teaching Learning Centre, Ramanujan College, University of Delhi from 22nd March to 20th April 2023.
- **Presented** a paper titled "**Lieb's Inequality for Continuous Modulated Shearlet Transform**" in the *International Conference on Applications in Pure and Applied Mathematics 2023* organised by Web Conference and Sponsored by Scientific and Engineering Research Society (SERB) on 14th March 2023.
- Completed two-week **Refresher Course** on "**Managing Online Classes & Co- creating MOOCS 24.0**" organized by Teaching Learning Centre, Ramanujan College, University of Delhi from 11 March to 25 March 2023.
- Participated in One-Week Online **National Faculty Development Program** on "**Python: Essentials, Programming and Analytics**" jointly organized by University of Delhi and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi from 27th October to 03rd November 2022.
- Participated in a workshop titled "**Innovation in Academia**" organized by St. Stephen's Centre for Advanced Learning (SCAL), St. Stephen's College, University of Delhi from 27th October to 1st November 2022.

- Participated in the Fourth Annual (online) Conference of Mathematics Teachers' Association of India on **Enhancing Teacher Preparedness for Mathematics Teaching and Learning** which was hosted online from 9th - 11th September 2022.
- Participated in Three Days International (Online) Conference on **"Recent Trends in Mathematics"** organized by Department of Mathematics, Hansraj College from 22-24 December 2021.
- **Delivered** an online **talk** on **"Legacy of Srinivasa Ramanujan"** in Kalka Public School, Alaknanda on 22 December, 2021.
- Participated in Third Annual Conference (Online) on **Rethinking Mathematics Education during the Pandemic: Insights from experience and the way forward** organized by Mathematics Teachers' Association from 3rd- 5th September 2021.
- Participated in International Webinar Series on **Interdisciplinary Aspects of Mathematics** organized by Department of Mathematics, Satyawati College (Day), University of Delhi on 01 September 2021.
- Completed One Week (Online) Interdisciplinary **Faculty Development Programme** on **'Creation and development of MOOCs while managing online classes'** organized by Keshav Mahavidyalaya, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi from 24-31 August 2021.
- Participated in National Webinar on **Recent Trends in Statistical Research** organized by Department of Mathematics, Janki Devi Memorial College, University of Delhi on 27th August, 2021.
- Completed One Week (Online) **Faculty Development Programme** on **'Mathematical Analysis and its Applications'** organized by Vivekananda College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi from 26-31 July 2021.
- Participated in the Webinar titled **"Enhancing Quality in OBE Evaluation"** organized by the Internal Quality Assurance Cell (IQAC), Janki Devi Memorial College on 16th June, 2021.
- Participated in the National webinar on **Geometry: The Great Contribution of India (History of Indian Mathematics)** organised by the Department of Mathematics and IQAC of Deshbandhu College, University of Delhi, held on November 5th, 2020.
- Participated in the International Webinar on **"A Journey from Integers to Rings"** organized by Department of Mathematics and IQAC of Deshbandhu College held on October 13, 2020.
- Participated in two-day Enrichment Programme for Students & Teachers (1st Phase) on **Linear Algebra, Analysis & Differential Equations** organized by the Department of Mathematics, Garhbeta College, West Bengal from 08-09 September 2020.
- Participated in National webinar on **Introduction to Wolfram Mathematica** organized by Department of Mathematics and IQAC of Deshbandhu College, University of Delhi held on 07 September 2020.

- Participated in Webinar on **Open Book Examination: Challenges and Opportunities** organized by Department of Mathematics, Dr. Bhim Rao Ambedkar College, University of Delhi held on 02 June 2020.
- Participated in Webinar on **Open Book Examination: Different Perspectives** organized by Department of Mathematics, Dr. Bhim Rao Ambedkar College, University of Delhi held on 26 May 2020
- Participated in Webinar on **Exploring the Possibilities** organized by Smart Sikshaa held on 24 May 2020.
- Participated in Webinar on **Brain Training with Maths Exercise** organized by Department of Mathematics, Bharati College, University of Delhi held on 24 May 2020.
- Participated in Webinar on **An Insight into Online Teaching-Learning and the Journey of Zero** organised by Vivekananda College, University of Delhi held on 18 May 2020.
- Participated in Online workshop on **Smart Skills for Online Teaching** organised by Smart Sikshaa held on 17 May 2020.
- Participated in Webinar on **NAAC: Systematic Data Organization and Presentation** organised by IQAC, Vidyalkar Institute of Technology, Mumbai on 16 May 2020
- Participated in Webinar on **Reviving Post Pandemic: Opportunities and Impediments** organised by Shivaji College, University of Delhi on 16 May 2020.
- Participated in Webinar on **Current Trends in Information Technology** organised by Bharti College, University of Delhi on 15 May 2020.
- Participated in Webinar on **Impact of Covid-19 Pandemic in Reshaping Education** organised by Dimension - The Mathematics Society of Motilal Nehru College, University of Delhi on 14 May 2020.
- Participated in International webinar on **Recent Trends of Teaching in Mathematics in Present Situations** organised by Govt. P.G. College, Pipariya on 14 May 2020.
- Participated in Webinar on **Constructive Living and Education in the times of Corona Crisis** organised by Shivaji College, University of Delhi on 13 May 2020
- Participated in Webinar on **Mathematics: Role Challenges and Opportunities** by Dr. Z.K. Ansari organised by Faculty of Engineering & Technology, Madhyanchal Professional University, Bhopal on 08 May 2020.
- Participated in Webinar on **Understanding The Corona Virus: Some Good News** organised by Kalindi College, University of Delhi on 05 May 2020.
- Participated in Webinar Series on **Quality Assurance in Higher Education: Practices And Issues** organised by Hansraj College, University of Delhi from 04-08 May 2020.
- Participated in Webinar on **Immunity and Nutrition** organised by Shivaji College, University of Delhi on 22 April 2020.

- Participated in National Workshop on **Real Analysis: From Elementary to Advanced** organized by Department of Mathematics, Ramanujan college, University of Delhi on 25 October, 2019.
- Participated in **National Research Scholar's Seminar** of the Society of Mathematical Sciences (Delhi) held at Department of Mathematics, University of Delhi on 28 December, 2018.
- Participated in an **International Meet on Analysis** held at Department of Mathematics, University of Delhi on 24 November, 2018.
- Participated in **The 33rd Annual Conference of Ramanujan Mathematical Society** held at Department of Mathematics, University of Delhi from 1-3 June, 2018.
- Participated in **National Conference on Scientific Innovation – A Head Start (NCONSI)** held at St. Stephen's College, University of Delhi from 5-6 April, 2018
- Participated in an **International Workshop on Recent Advances in Operator Semigroups** held at Department of Mathematics, University of Delhi from 18-21 December, 2017.
- Participated in an **International Conference on Topology and Geometry (ICTG-2017)** held at Department of Mathematics, University of Delhi from 23-24 November, 2017.
- Participated in **Research Scholar Seminar & Annual Conference** of the Society of Mathematical Sciences (Delhi) held at Department of Mathematics, University of Delhi from 1-2 May, 2017.
- Participated in an **International Conference "Mathematics and Applications"** held at Department of Mathematics, Ramjas College, University of Delhi from 26-28 April, 2017.
- Participated in an **International Conference "14th Discussion Meeting on Harmonic Analysis"** held at Department of Mathematics, University of Delhi from 10-12 December, 2015.
- Participated in an **International Workshop on Operator Spaces** held at Department of Mathematics, University of Delhi from 7-9 December, 2015.

Achievements and Awards

- Selected for "**M.T.T.S. Programme 2014**" (Mathematical Training and Talent Search), at level II, a one month summer programme in mathematics at national level held at the Department of Mathematics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara.
- Selected for "**M.T.T.S. Programme 2011**" (Mathematical Training and Talent Search), at level I, a one month summer programme in mathematics at national level held at the Department of Mathematics, Regional Institute of Education (RIE), Mysore.
- Awarded by The Mathematical Society, Keshav Mahavidyalaya, University of Delhi for securing **Third position** in Mind Calculator event in "**Modulus – 2012**".
- Awarded by Rajdhani College authorities for securing **FIRST position** in college in **all the three years** of University Examinations conducted by University of Delhi at the undergraduate level.
- Awarded by The Mathematical Society, Shivaji College, University of Delhi for securing **Third position** in Mathematical Quiz Competition in "**Infinity – 2012**".

- **Certificate of Appreciation** by The Mathematical Society, Rajdhani College, University of Delhi for active contribution towards the activities of “**ARITY – 2013**”.
- Awarded **thrice** by “Vivekanand Model School” for good academic record.
- **Student Editor** of **School Magazine “Vasundhara”**, Govt. Sarvodaya Co-Ed Vidyalaya, B-4, Paschim Vihar, New Delhi.
- Awarded **twice** by “Govt. Sarvodaya Co-Ed Vidyalaya, Paschim Vihar, New Delhi” for good academic record.
- Awarded with **CBSE Scholarship (CSSS)** during three years of graduation for the performance in **12th Board Exams**.
- Awarded by “Directorate of Education Delhi” for securing **first position** at Zonal level Science Exhibition and for active participation at Central level Science Exhibition - 2003.
- Participated in “**Vivekanand Prasanotri Pratiyogita**” organized by Delhi Mahanagar Branch of Vivekananda Kendra, Kanyakumari in 2005.
- Awarded by **Sarvhitkari Educational Society (R)** New Delhi for securing first position in Distt. Art & Cultural Competition.
- Awarded by “Vivekanand Model School” for securing **third position** in Hindi Calligraphy Competition.
- Participated in “**Debate Competition**” organized by Maharaja Agrasen Vidyapeeth, Delhi in 2005.

Computer Literacy

- Skilled in the use of **MS-Office** (MS-word, MS-power point, MS-excel)
- Skilled in the use of **Latex, Mathematica, Maxima, Matlab, HTML**.
- Operating System : **Windows 98, 2000, XP, Vista, 7, 8, 8.1, 10, Server 2003**
- Language : **C++**
- Seminar Project Presentation using Multimedia Projector
- Internet, Multimedia, Networking
- Scanning, Printing, Installing programs, Computer overview
- Basic knowledge of hardware