

# Dr. Ankit Gupta

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Google Scholar: <https://scholar.google.co.in/citations?user=CvOgpPIAAAAJ&hl=en>  
MathSciNet: <http://www.ams.org/mathscinet/search/author.html?mrauthid=1079914>  
Research Gate id: [https://www.researchgate.net/profile/Ankit\\_Gupta98](https://www.researchgate.net/profile/Ankit_Gupta98)

## Objective

To secure a challenging position where I can leverage my expertise in research and development, contributing to the best of my abilities. I am particularly enthusiastic about conducting research in the fields of topology, real analysis, vector variational inequalities, and related areas.

## Education

**Doctorate:** Doctor of Philosophy (Ph. D.), 2017  
Institute and Year: Department of Mathematics, University of Delhi, Delhi, India  
Duration: 2013 – 2017  
Thesis Title: **Generalized Structures Concerning Regularity, Normality and Function Space Topology**  
Principal Thesis guide: Prof. (Dr.) R. D. Sarma

**Master of Philosophy:** Master of Philosophy (M. Phil.), 2013  
Department of Mathematics, University of Delhi, Delhi, India  
2011 – 2013, First Class with Distinction (84.2 %)  
Dissertation Title: **Generalized Structures in Topology**  
Principal Dissertation guide: Prof (Dr.) R. D. Sarma

**Post-Graduation:** M. Sc. (Mathematics), 2011  
**Ramjas College**, University of Delhi, Delhi, India  
2009 – 2011, First Class with Distinction (80.68 %)

**Graduation:** B. Sc. (Hons.) Mathematics, 2009  
**Ramjas College**, University of Delhi, Delhi, India  
2006 - 2009, First Class with Distinction (88.2 %)

- Qualified **CSIR-UGC Net (December - 2010)** for UGC – **Junior Research Fellowship** and secured **0183** rank.

## Academic Work Experience

<b>Bharati College, University of Delhi, Delhi</b> <ul style="list-style-type: none"><li>▪ Taught Undergraduate Courses of B.Sc. (Hons.) Mathematics, as an Assistant Professor in Department of Mathematics.</li></ul>	July 23, 2018 – Present
<b>Ramjas College, University of Delhi, Delhi</b> <ul style="list-style-type: none"><li>▪ Taught Undergraduate Courses of B.Sc. (Hons.) Mathematics, as an Assistant Professor in Department of Mathematics.</li></ul>	Jan 12, 2016 – July 23, 2018
<b>Ramjas College, University of Delhi, Delhi</b> <ul style="list-style-type: none"><li>▪ Taught Undergraduate Courses of B.Sc. (Hons.) Mathematics, as an Assistant Professor in Department of Mathematics.</li></ul>	Sep 09, 2014 – Sep 23, 2015
<b>Sri Venkateswara College, University of Delhi, Delhi</b>	Jan 07, 2014 – May 22, 2014

- Taught Undergraduate Courses of B.Sc. (Hons.) Mathematics, as an Assistant Professor in Department of Mathematics.

#### **Ramjas College, University of Delhi, Delhi**

Aug 06, 2013 – Nov 20, 2013

- Taught Undergraduate Courses of B.Sc. (Hons.) Mathematics, as a guest lecturer in Department of Mathematics, Ramjas College.

#### **Research Interests**

Generalized Topology introduced by Á. Császár, Generalized Separation Axioms (Regularity and Normality), Function Space topologies over class of generalized continuous mappings and for the class of continuous set-valued functions, generalized topology in light of other applied field like, computer graphics and mathematical economics. Apart from this, function space topology and uniformity over the class of equi-continuous mappings and uniformly continuous mappings and their dual, topological solutions for vector variational inequality problems.

#### **Current Job Profile**

Assistant Professor (Adhoc) in Department of Mathematics, Bharati College, University of Delhi, Delhi

#### **Course Taught**

**B. Sc. Hons.** – Metric Spaces, Complex Analysis, Linear Algebra, Mathematical Finance, Riemann Integration & Series of Functions (Analysis III), Calculus, Multivariate Calculus, LaTeX and HTML (Skill enhancement course), Abstract Algebra II (Group Theory I), Building Mathematical Ability.

**B. Sc. Physical Science** – Calculus and Geometry, Calculus and Matrices, Transportation and Network Flow Problem (Skill enhancement course).

**B. A. Programme** – Calculus, Numerical Methods.

#### **Reviewer of Journals**

- Filomat, University of Nis
- Mediterranean Journal of Mathematics
- Boletim da Sociedade Paranaense de Matemática
- Journal of Advances in Mathematics and Computer Science
- ZbMath
- Mathematical Review.

#### **Publications**

#### **Books Authored**

- [1] Sarma, R. D; **Gupta, Ankit**; Singh, Rajesh (2022) “Concepts of Real Analysis”, *Sultan Chand & Sons. ISBN: 9789391820275*.

#### **Research Papers in International Journals**

- [2] **Gupta, Ankit**; (2023) “On  $\pi gs - \lambda$  closed sets in Generalized Topological Spaces”, *Journal of Advanced Studies in Topology*, 13 (1-2), 2023, 7 – 13.

(Indexed and abstracted in: *Mathematical Reviews, zbMath, EBSCO*)

- [3] Kumar, Satish; **Gupta, Ankit**; (2023) “Well-Posedness of Generalized Vector Variational Inequality Problem via Topological Approach”, *Rendiconti del Circolo Matematico Palermo Series 2*.  
<https://doi.org/10.1007/s12215-023-00897-1>

(Indexed and abstracted in: *Web of Science- ESCI, SCOPUS, Mathematical Reviews, zbMath*)

- [4] **Gupta, Ankit**; Sarma, Ratna Dev; Alshammari, F. S.; George, Reny (2022) “Dual uniformities in function spaces over uniform continuity”, *Open Mathematics*, 20, 2022, 1926 – 1936.

(Indexed and abstracted in: Web of Science-SCIE, SCOPUS, Mathematical Reviews, zbMath)

- [5] Gupta, Ankit; Sarma, Ratna Dev, (2022) "Dual Topologies for the Space of Multifunctions", *Filomat*, 36 (20), 2022, 6969 -6977.

(Indexed and abstracted in: Web of Science-ESCI, SCOPUS, MathSciNet, zbMath)

- [6] Kumar, Satish; Gupta, Ankit; Garg, Pankaj Kumar; Sarma, (2022) "Topological Variants of Vector Variational Inequality Problems", *La Matematica.*, 1, 2022, 731 – 739. <https://doi.org/10.1007/s44007-022-00035-w>.

- [7] Gupta, Ankit; Sarma, Ratna Dev, (2022) "A Urysohn Lemma for Regular Spaces", *Appl. Gen. Topol.*, 23 (2), 2022, 243 – 254.

(Indexed and abstracted in: Web of Science-ESCI, SCOPUS, MathSciNet, zbMath)

- [8] Kumar, Satish; Gupta, Ankit; Garg, Pankaj Kumar; Sarma, Ratna Dev, (2021) "Topological Solutions of  $\eta$ -Generalized Vector Variational-like Inequality Problems", *Math. Appl.*, 10 (2), 2021, 115 – 123.

(Indexed and abstracted in: SCOPUS, MathSciNet, zbMath)

- [9] Gupta, Ankit; Sarma, Ratna Dev (2021) "A generalized approach towards normality for topological spaces", *Korean J. Math.*, Vol. 29 (3), 501 - 510.

(Indexed and abstracted in: Web of Science-ESCI, MathSciNet, UGC-Care)

- [10] Gupta, Ankit; Kumar, Satish; Sarma, Ratna Dev, Garg, Pankaj Kumar; George, Reny (2021) "A note on the Generalized Nonlinear Vector Variational-like Inequality Problem", *Journal of Function Spaces*, Vol. 2021, Article Id. 4488217, 7 pages.

(Indexed and abstracted in: Web of Science-SCIE, SCOPUS, MathSciNet, zbMath)

- [11] Gupta, Ankit; Sarma, Ratna Dev (2021) "A study of topological structures on equi-continuous mappings", *Proyecciones, Journal of Mathematics*, 40 (2), 2021, 335 – 354.

(Indexed and abstracted in: SCOPUS, MathSciNet, zbMath)

- [12] Gupta, Ankit; Hamarsheh, A. S.; Sarma, Ratna Dev; George, Reny (2020) "A study of uniformities on the space of uniformly continuous mappings", *Open Mathematics*, 18, 2020, 1478 – 1490.

(Indexed and abstracted in: Web of Science-SCIE, SCOPUS, Mathematical Reviews, zbMath)

- [13] Gupta, Ankit; Sarma, Ratna Dev, (2018) "On dual topologies for function spaces over  $C_{\mu,\nu}(Y, Z)$ ", *Sci. Stud. Res. Ser. Math. Inform.*, 28 (1), 2018, 41 – 52.

(Indexed and abstracted in: MathSciNet, zbMath, UGC-Care)

- [14] Gupta, Ankit; Sarma, Ratna Dev, (2017) "A study of function space topologies for multifunctions", *Appl. Gen. Topol.*, 18 (2), 2017, 331 – 344.

(Indexed and abstracted in: Web of Science-ESCI, SCOPUS, MathSciNet, zbMath)

- [15] Gupta, Ankit; Sarma, Ratna Dev, (2017) "A note on some generalized closure and interior operators in a topological space", *Math. Appl.*, 6 (1), 2017, 11 – 20.

(Indexed and abstracted in: SCOPUS, MathSciNet, zbMath)

- [16] Gupta, Ankit; Sarma, Ratna Dev, (2016) "A uniform approach to normality for topological spaces", *Appl. Gen. Topol.*, 17 (1), 2016, 7 – 16.

(Indexed and abstracted in: Web of Science-ESCI, SCOPUS, MathSciNet, zbMath)

- [17] Gupta, Ankit; Sarma, Ratna Dev, (2015) "Function space topologies for generalized topological spaces", *J. Adv. Res. Pure. Math.*, 7 (4), 2015, 103 – 112.

(Indexed and abstracted in: Mathematical Reviews, zbMath)

- [18] Gupta, Ankit; Sarma, Ratna Dev, (2014) "PS –Regularity and PS –Normality in topology", *Bull. Cal. Math. Soc.*, 106 (6), 2014, 395 – 404.

(Indexed and abstracted in: MathSciNet, zbMath, UGC-Care)

- [19] Gupta, Ankit; Sarma, Ratna Dev, (2014) "PS –Regular sets in topology and generalized topology", *J. Math., Art. Id* – 274592, 2014, PP. 6

(Indexed and abstracted in: Web of Science-SCIE, SCOPUS, MathSciNet, zbMath)

### Full Length Research Papers in Conference Proceedings

- [20] Gupta, Ankit; Sarma, Ratna Dev, (2014) "On  $m$  –open sets in topology", *APMSCSET–2014.*, page no. 7 – 11, ISBN – 9789383083985.

- [21] Sarma, Ratna, Dev; Gupta, Ankit, (2014) "On the  $k$  –number of some generalized kuratowski operators in topology", *APMSCSET–2014.*, page no. 50 – 54, ISBN – 9789383083985.

### Research Papers under Review

- [22] Kumar, Satish; **Gupta, Ankit**; Garg, Pankaj Kumar and Sarma, Ratna Dev, “A topological approach to the extended mixed vector equilibrium problem”, (*Pre-Print*).
- [23] **Gupta, Ankit**; Sarma, Ratna Dev and Kumar, Satish Kumar, “Topological solutions for Generalized Vector Variational Inequality Problem”, (*Pre-Print*).
- [24] Sarma, Ratna Dev; **Gupta, Ankit**, “On dual Uniformity on the space of uniformly continuous mappings”, (*Pre-Print*).
- [25] Kumar, Satish; **Gupta, Ankit**, “Generalized well-Posedness of vector variational inequality problem via topological approach”, (*Pre-Print*).

### **Book Chapters**

- [26] **Gupta, Ankit**; “Mean Value Theorems and their Applications”, Fundamentals of Calculus, Department of Distance and Continuing Education, University of Delhi.  
**ISBN No.: 978-81-19417-05-06.**
- [27] **Gupta, Ankit**; “Expansion of Functions”, Fundamentals of Calculus, Department of Distance and Continuing Education, University of Delhi.  
**ISBN No.: 978-81-19417-05-06.**
- [28] **Gupta, Ankit**; “Indeterminate Forms”, Fundamentals of Calculus, Department of Distance and Continuing Education, University of Delhi.  
**ISBN No.: 978-81-19417-05-06.**
- [29] **Gupta, Ankit**; Sarma, Ratna Dev, “A Unified Study of Normal Spaces”, Advances in Functional Analysis and Topology with Applications (Edited book), Springer Nature (*Accepted*).
- [30] **Gupta, Ankit**; Kumar, Satish and Garg, Pankaj Kumar, “Topological Approaches for Vector Variational Inequality Problems”, Advances in Topology and their Interdisciplinary Applications (Edited book), Springer Singapore. ISBN No. 978-981-99-0150-0.  
<https://link.springer.com/book/9789819901500>.
- [31] **Gupta, Ankit**; “Relations and POSETs”, Elements of Discrete Mathematics, Department of Distance and Continuing Education, University of Delhi.  
**ISBN No.: 978-93-95774-34-5.**
- [32] **Gupta, Ankit**; “Functions and other Properties”, Elements of Discrete Mathematics, Department of Distance and Continuing Education, University of Delhi.  
**ISBN No.: 978-93-95774-34-5.**
- [33] **Gupta, Ankit**; “Derivatives and its Applications I”, for BOSSE (Board Board of Open Schooling and Skill Education), Sikkim (Self Learning Material) (*Accepted*).
- [34] **Gupta, Ankit**; “Derivatives and its Applications II”, for BOSSE (Board Board of Open Schooling and Skill Education), Sikkim (Self Learning Material) (*Accepted*).
- [35] **Gupta, Ankit**, “Laplace transform and its applications”, Differential equations and mathematical modelling III, Vol. 1, Institute of Lifelong Learning, University of Delhi.  
ISSN No. 978-93-86264-05-3.  
<http://vle.du.ac.in/mod/resource/view.php?id=932>
- [36] Bohra, Nisha; **Gupta, Ankit**, “Power series solutions of differential equations about ordinary points”, Differential equations and mathematical modelling III, Vol. 1, Institute of Lifelong Learning, University of Delhi.  
ISSN No. 978-93-86264-05-3.  
[https://drive.google.com/file/d/0B0Izh6GcIA\\_DUDJMM3BhSDIHRFE/view](https://drive.google.com/file/d/0B0Izh6GcIA_DUDJMM3BhSDIHRFE/view) and  
<http://vle.du.ac.in/mod/book/view.php?id=13286&chapterid=29216>

### **Papers Presented in International/National Conferences**

- [1] Attended and presented a paper in “**International Conference on Mathematical Analysis and its Applications**” held at South Asian University, Delhi, India during December 14 – 16, 2019.
- [2] Attended and presented a paper at “**National Conference on Advances in Mathematical Analysis and its Applications**” held at P.G.D.A.V. College, University of Delhi, Delhi, India during November 08 – 10, 2019.
- [3] Attended and presented a paper at “**International Conference on Mathematics and Applications**” held at Ramjas College, University of Delhi, Delhi, India during April 26-28, 2017.
- [4] Attended and presented **two** papers at “**1<sup>st</sup> Pan Pacific International Conference on Topology and Applications**” held at Minnan Normal University, Zhangzhou, China during November 25-30, 2015.
- [5] Attended and presented a paper at “**Research Scholar Seminar**” held at Department of Mathematics, University



of Delhi, Delhi, India during February 23-24, 2015.

- [6] Attended and presented a paper at **“International Conference on Current Developments in Mathematics and Mathematical Sciences”** held at Calcutta Mathematical Society, Kolkata, India during December 19-21, 2014.
- [7] Attended and presented **two** paper at **“3<sup>rd</sup> International Conference on Innovative Approach in Applied Physical, Mathematical/Statistical, Chemical Sciences and Emerging Energy Technology for Sustainable Development”** held at Jawaharlal Nehru University, Delhi, India, during September 27-28, 2014.
- [8] Attended and presented a paper at **“National Seminar for Research Scholars”** held at Department of Mathematics, University of Delhi, Delhi, India during September 19-20, 2013.
- [9] Attended and presented a paper at **“21<sup>st</sup> International Conference of Forum for Interdisciplinary Mathematics on Interdisciplinary Mathematics, Statistics and Computational Techniques”** held at Department of Statistics, Panjab University, Punjab, India during December 15-17, 2012.

### Conferences/Seminars Attended

- [10] Participated the **“National Conference on Advances in Mathematics”** held at Department of Mathematics, Hansraj College, University of Delhi, Delhi, India during March 7-8, 2014.
- [11] Participated the **“International Seminar on History of Mathematics”** held at Department of Mathematics and Statistics, Ramjas College, University of Delhi, Delhi, India during November 27-28, 2013.
- [12] Participated the international conference **“The Legacy of Srinivasa Ramanujan”** held at University of Delhi, Delhi, India during December 17-22, 2012.
- [13] Participated the **“National Seminar for Research Scholars”** held at Department of Mathematics, University of Delhi, Delhi, India during March 24-25, 2012.

### Workshops Attended

- [14] Participated in one day International workshop on **“Srinivasa Ramanujan: The Man Beyond Infinity”** organized by Srinivasa Ramanujan Department of Mathematics, Centre for Vedic Mathematical Studies, Central University of Himachal Pradesh, India on December 22, 2020.
- [15] Participated in one day **“National Workshop on Financial Management”** organized by Guru Angad Dev Teaching Learning Centre of MHRD at SGTB Khalsa College, University of Delhi, India on July 18, 2019.
- [16] Participated in a Faculty Development Program (FDP) cum Workshop on **“Climate Across the Curriculum: Resources for Integrating Climate Topics in Discipline-Specific Teaching”** organized by IQAC, Sri Venkateswara College, University of Delhi, in collaboration with TROPICSU, a climate Education Project funded by the International Council for Science & IISER Pune, India on October 13 - 14, 2018.
- [17] Participated in **“Research in Progress”** Workshop organized by the Research Committee of Bharati College, India on September 11, 2018.
- [18] Participated in **“Two Day Faculty Empowerment Workshop on Basic ICT Tools”** organized by Guru Angad Dev Teaching Learning Centre of MHRD at SGTB Khalsa College, University of Delhi, India on July 13 - 14, 2018.
- [19] Participated in national workshop on **“Applications of Mathematica: A scientific and Mathematical Tool”** jointly organized by Guru Angad Dev Teaching Learning Centre of MHRD and Wolfram at SGTB Khalsa College, University of Delhi, India on March 09, 2018.
- [20] Participated in a workshop on **“The Interwinning Strands in Physics and Mathematics: Fourier Analysis”** held at IISER, Pune, India from January 19, 2018 to January 23, 2018.
- [21] Participated in **“Faculty Development Programme on Computer Algebra System and Latex”** Organized by Department of Mathematics, Shyam Lal College, University of Delhi, Delhi, India from February 16, 2017 to February 17, 2017.
- [22] Participated in workshop on **“Latex and HTML”** Organized by Department of Mathematics, Acharya Narendra Dev College, University of Delhi, Delhi, India on August 27, 2016.
- [23] Participated in national workshop on **“Latex and Website Designing”** Organized by Department of Mathematics, Shaheed Bhagat Singh College, University of Delhi, Delhi, India from August 11, 2016 to August 12, 2016.
- [24] Participated in short term training program on **“Mathematical Modelling, Optimization, Fractional Calculus and their Computations in Engineering and Sciences”** Organized by Department of Applied Mathematics & Humanities, SVNIT, Surat, India from June 21, 2016 to June 25, 2016.
- [25] Participated in workshop on **“Computational Optimization”** Organized by Department of Mathematics, Sri Venkateswara College, University of Delhi, Delhi, India on February 05, 2016.

- [26] Participated in workshop on **“e-Content Creation in Mathematics”** Organized by *Institute of LifeLong Learning, University of Delhi, Delhi, India* on January 29, 2016.
- [27] Participated in workshop on **“Research Metrics”** Organized by *Research Council & Delhi University Library System, University of Delhi, Delhi, India* on February 26, 2015.
- [28] Participated in training course on **“Introduction to MATLAB”** organized by *Delhi University Computer Center, University of Delhi, Delhi, India* from September 01, 2014 to September 05, 2014.
- [29] Participated in workshop on **“MATLAB and Simulink Academic Tour 2013”** of Mathworks Organized by *Cluster Innovation Center, University of Delhi, Delhi, India* on September 23, 2013.

### **Webinars/Conferences Attended**

- [30] Participated in Teachers Professional Development Program on **“Java”** organized by IIT Bombay - Spoken Tutorial with course material provided by Spoken Tutorial Project, IIT Bombay (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) on March 22, 2021.
- [31] Participated in Teachers Professional Development Program on **“HTML”** organized by IIT Bombay - Spoken Tutorial with course material provided by Spoken Tutorial Project, IIT Bombay (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) on December 07, 2020.
- [32] Participated in **“International GeoGebra Conference”** organized by *math4all*, with support from *Institute of Mathematical Sciences, Chennai* from March 11, 2021 to March 13, 2021.
- [33] Participated in webinar on **“Recent Advances in Mathematical Sciences”** organized by *Department of Mathematics, ARSD College, University of Delhi*, held on February 25, 2021.
- [34] Participated in One Week Online Faculty Development Program (FDP) on **“Android app using Kotlin”** organized by IIT Bombay - Spoken Tutorial with course material provided by Spoken Tutorial Project, IIT Bombay (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from December 01, 2020 to December 05, 2020.
- [35] Participated in Teachers Professional Development Program on **“GeoGebra 5.04”** organized by IIT Bombay - Spoken Tutorial with course material provided by Spoken Tutorial Project, IIT Bombay (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) on October 26, 2020.
- [36] Participated in One Week Online Faculty Development Program (FDP) on **“Python 3.4.3”** organized by IIT Bombay - Spoken Tutorial with course material provided by Spoken Tutorial Project, IIT Bombay (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from October 12, 2020 to October 16, 2020.
- [37] Participated in One Week Online Faculty Development Program (FDP) on **“SciLab”** organized by IIT Bombay - Spoken Tutorial with course material provided by Spoken Tutorial Project, IIT Bombay (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from October 12, 2020 to October 16, 2020.
- [38] Participated in One Week Online Faculty Development Program (FDP) on **“R”** organized by IIT Bombay - Spoken Tutorial with course material provided by Spoken Tutorial Project, IIT Bombay (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from October 12, 2020 to October 16, 2020.
- [39] Participated in national webinar on **“Financial Mathematics: Pedagogy and Career Perspective”** organized by *Department of Mathematics, Lady Shri Ram College for Women, University of Delhi* from July 27, 2020 to July 31, 2020.
- [40] Participated in webinar on **“Cyber Security for Women”** jointly organized by *IQAC, Lakshmibai College, University of Delhi and Delhi State Legal Services Authority*, on May 08, 2020.
- [41] Participated in webinar on **“Emerging Trends in E-Learning Complete Classroom and Evaluation Process using MOODLE LMS”** organized by *IQAC & Department of Botany, Swami Shraddhanand College, University of Delhi*, on May 18, 2020.
- [42] Participated in national webinar on **“Economic Crisis and its Redressal During Pandemic”** organized by *Bhaskaracharya College of Applied Sciences, University of Delhi*, on May 15, 2020.
- [43] Participated in One Week Online Faculty Development Program (FDP) on **“Moodle Learning Management System”** organized by *Atal Bihari Vajpayee University*, in association with **IIT, Bombay Spoken Tutorial** (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from May 12, 2020 to May 17, 2020.
- [44] Participated in two day webinar on **“Covid-19 Pandemic and it's impact on World Order”** organized by *Department of Political Science, Bharati College, University of Delhi*, from May 06, 2020 to May 07, 2020..
- [45] Participated in webinar on **“Understanding Derivatives: Mechanism, Pricing and Hedging”** organized by

*Department of Commerce, Bharati College, University of Delhi, on May 09, 2020.*

- [46] Participated in National webinar on **“Impact of Lockdown & Covid-19 on Financial Markets in India: The Way Forward”** organized by ARSD College, University of Delhi, on May 06, 2020.
- [47] Attended the **“India First Leadership Talk webinar with Prof. D. P. Singh, Chairman UGC”** broadcasted on May 09, 2020 by MHRD’s Innovation Cell.
- [48] Participated in webinar on **“Teaching and Learning Modes Post Covid-19”** organized by Department of Electronics and Communication Engineering, Punjabi University, on April 29, 2020.
- [49] Participated in two days webinar on **“MIMO Antennas for 5G Communications using CST Studio Suite”** organized by Department of Electronic Science, University of Delhi, South Campus from June 05, 2020 to June 06, 2020.
- [50] Participated in webinar on **“Covid-19: Crisis, Resurrection and Reflections”** organized by IQAC Committee, College of Vocational Studies, University of Delhi, from May 02, 2020 to May 04, 2020.
- [51] Participated in webinar on **“Applications of SPSS in Conducting Research”** organized by IQAC Committee, Aryabhatta College, University of Delhi, in collaboration with IBS Gurgaon on June 07, 2020.
- [52] Participated in webinar on **“Graph Theory & Petri Nets Applications”** organized by Department of Mathematics, Shyama Prasad Mukherji College for Women, University of Delhi, Delhi, India on May 01, 2020.
- [53] Participated in webinar on **“Criteria V: Student support and Progression under Revised Framework of NAAC”** organized by IQAC, Bharati College in collaboration with Sri Aurobindo College (E), University of Delhi, Delhi, India on April 27, 2020.
- [54] Participated in webinar on **“Teachers and Technology: The Road Ahead”** organized by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi, Delhi, India on April 25, 2020.
- [55] Participated in webinar on **“Effective Parenting during the Lockdown: Addressing Challenges”** organized by IQAC, Bharati College, University of Delhi, Delhi, India on April 21, 2020.

### Certificate Courses

- Online course on **“LaTeX”** training organized at **“Bharati College”** with course material provided by the **IIT Bombay - Spoken Tutorial**.
- Online course on **“GeoGebra 5.04”** training organized at **“Bharati College”** with course material provided by the **IIT Bombay - Spoken Tutorial**.
- Successfully completed **JCR-South Asia training & Certification Program 2020** organized by Web of Science Group, A Clarivate Analytics Company.
- Successfully completed “Three” week Online Certificate Course: SLC – Course01 on **“Introduction to Computer Algebra System: Maxima (An Open-Source Software)”** from June 27, 2020 – July 18, 2020.
- Successfully completed One-week Online Certificate Course on **“Data Manipulation and Visualization through Statistical Software R”** organized by Zakir Husain Delhi College (University of Delhi) from July 27, 2020 to July 31, 2020.

### Member of Organizing Committee

- [1] Contributed as Co-Convener in Online One week faculty Development Programme on **“Koha Library Management System”** organized by Bharati College, University of Delhi in collaboration with Spoken Tutorial, IIT Bombay, India on July 22, 2021 to July 28, 2021.
- [2] Contributed as Co-Convener in Online One week faculty Development Programme on **“Moodle Learning Management System”** organized by Bharati College, University of Delhi in collaboration with Spoken Tutorial, IIT Bombay, India on February 24, 2021 to March 02, 2021.
- [3] Contributed as Co-Convener in One week faculty Development Programme on **“Education Leadership & Gender: The Current Face of Higher Education”** organized by IQAC, Bharati College, University of Delhi in collaboration with UGC – HRD Centre, Savitribai Phule Pune University, Pune, India on February 08 - 13, 2021.
- [4] Contributed as member of organizing committee in a webinar on **“Vedic Mathematics”** organized by Department of Mathematics, Bharati College, University of Delhi, Delhi, India on February 03, 2021.
- [5] Contributed as Co-Convener in One week faculty Development Programme on **“Managing Online Classes: Teaching Learning Tools and e-Content Generation”** organized by Bharati College, University of Delhi

in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College University of Delhi, Delhi, India on August 17 - 22, 2020.

- [6] Contributed as Co-Convener in international webinar on **“Some Applications of Mathematics to Analyze and Solve Problem of Real Life”** organized by Department of Mathematics, Bharati College, University of Delhi, Delhi, India on May 29, 2020.
- [7] Contributed as a member of organizing team of webinars on **“Women: The Pivotal point of Health and wellness of Family”** & **“Yoga and Immunity”** organized by Department of Physical Education, Bharati College, University of Delhi, Delhi, India on May 18, 2020 and May 20, 2020.
- [8] Contributed as a member of organizing committee in one day webinar on **“Criteria V: Student support and Progression under Revised Framework of NAAC”** organized by IQAC, Bharati College in collaboration with Sri Aurobindo College (E), University of Delhi, Delhi, India on April 27, 2020.
- [9] Contributed as a member of organizing committee in one day webinar on **“Effective Parenting during the Lockdown: Addressing Challenges”** organized by IQAC, Bharati College, University of Delhi, Delhi, India on April 21, 2020.
- [10] Contributed as Co-Convener of one week faculty development program on **“Interdisciplinary Approach to Pedagogy and Research: Holistic Reorientation”**, organized by IQAC, Bharati College, University of Delhi from April 29, 2019 to May 04, 2019.
- [11] Contributed as Co-Coordinator of **INSPIRE Science Internship Camp** sponsored by DST, Govt, of India, organized by Ramjas College, University of Delhi from July 04, 2017 to July 08, 2017.
- [12] Contributed as member of Venue Management Committee in **International Conference on Mathematics & Applications** held at Ramjas College, University of Delhi, India from April 26, 2017 to April 28, 2017.

### Academic Achievements

- Qualified **CSIR-UGC Net (December - 2010)** for **UGC – Junior Research Fellowship** and secured **0183** rank.
- Secured **3<sup>rd</sup> position** in B. Sc (H) Mathematics 2<sup>nd</sup> year in *University of Delhi, Delhi, India*.
- Secured **1<sup>st</sup> rank** in M. Sc Mathematics (Two years in a Row) in *Ramjas College, University of Delhi, Delhi, India*
- Secured **1<sup>st</sup> rank** in B. Sc (H) Mathematics (Three years in a Row) in *Ramjas College, University of Delhi, Delhi, India*.

### Computer and Technical Skills

- Office Works: Microsoft Office (Excel, Power Point, MS Word)
- Mathematical Software: Mathematica, MATLAB, Maxima, GeoGebra, R
- Typesetting Languages: LaTeX, Microsoft Word.
- Operating System: Window 7, 8, 10, 11.

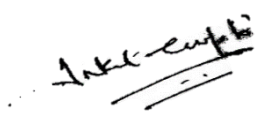
### Awarded Fellowships

- Fellowship awarded to pursue Ph. D. and M. Phil (Mathematics) by University Grants Commission (UGC) as Junior Research Fellowship during September 2011 - September 2013.
- Fellowship awarded by Haryana Board of School Education for AISSCE.

**Declaration:** I hereby declare that all the information given above is true to the best of my knowledge.

Date: \_\_ - \_\_ -20\_\_

Place: \_\_\_\_\_

  
(Dr. Ankit Gupta)