ACADEMIC PROFILE OF DR. RAJESH SINGH

Designation and Affiliation

ASSISTANT PROFESSOR
DEPARTMENT OF MATHEMATICS
RAMANUJAN COLLEGE
UNIVERSITY OF DELHI, DELHI

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Education and Training

1. Ph.D., Department of Mathematics, University of Delhi (2019)
   Specialization- Graph Theory
   Thesis Title- Domination, Graphoidal Covers and Graphoidal Length in Graphs
2. Qualified Joint CSIR-UGC Test for Junior Research Fellowship and Eligibility for Lectureship (NET) in June 2012.
3. M.Sc. Mathematics, Sri Venkateswara College, University of Delhi (2011-13).
4. B.Sc. (H) Mathematics, Sri Venkateswara College, University of Delhi (2008-11).

	Year	Institution	Qualification	Percentage
ACADEMIC QUALIFICATION	2011 - 2013	University of Delhi (Sri Venkateswara College)	M.Sc. Mathematics	**91.56%**
	2008 - 2011	University of Delhi (Sri Venkateswara College)	B.Sc. (Hons.) Mathematics	**89.11%**
	2007-2008	Hamdard Public School	CBSE BOARD (AISSCE)	**85%**
	2005 - 2006	Hamdard Public School	CBSE BOARD (AISSE)	**84.4%**

Teaching Experience (More than 6 Years)

1. Assistant Professor, Ramanujan College, University of Delhi (20.07.2017- In Progress)
2. Assistant Professor, Deshbandhu College, University of Delhi (25.01.2017-19.07.2017)
3. Tutorials, M.A/M.Sc. Mathematics, South Campus, University of Delhi, (Jan 2016- Dec 2017)
4. Guest Faculty, Sri Venkateswara College, University of Delhi (Oct-Nov 2015).

Areas of Interest

Teaching: ANALYSIS, ALGEBRA, DISCRETE MATHEMATICS

Research: GRAPH THEORY

Papers Taught

1. Theory of Real Functions
2. Riemann Integration & Series of Functions
3. Group Theory
4. Algebra
5. Discrete Mathematics
6. Calculus

NATURE	NUMBER
Fellowships Awarded	2 (JRF & SRF)
Book Published	2 (with ISBN No.)
E-Chapters for ILLL, DU under NME-ICT Project	5
Research Publications (Scopus Indexed)	11 (5 SCIE)
Resource Person in Events	11 (1 Abroad in CIMPA)
Events Organized as Convenor	7 [Including an International Conference]
Events Organized as Member	6
Events Participation	31 (including GCOET 2016, Malaysia)
Course Design [Member of the Committee]	DSE-1(i) for 3-Core discipline: Combinatorics (3L + 1T) [for Dept. of Mathematics, DU]
Paper Setter for Examination of University of Delhi	5 Papers

Fellowships Awarded

1. Senior Research Fellowship (SRF) at Dept. of Mathematics, University of Delhi (29.10.2015-24.01.2017).
2. Junior Research Fellowship (JRF) at Dept. of Mathematics, University of Delhi (29.10.2013-29.10.2015).

Areas of Interest	**Subjects Taught**
Teaching: ANALYSIS, ALGEBRA, DISCRETE MATHEMATICS **Research:** GRAPH THEORY	ANALYSIS, CALCULUS, ALGEBRA

Administrative Responsibilities

1. Member of **Internal Quality Assurance Cell (IQAC)**, Ramanujan College

2. Member of **National Institutional Ranking Framework (NIRF) Committee**, Ramanujan College

3. Member of **Equal Opportunity Cell**, Ramanujan College

4. Member of Admission Committee for Mathematical Sciences, Ramanujan College

5. Member of Placement Cell Committee, Ramanujan College

6. Member of Website Committee, Ramanujan College

7. Member of Magazine Committee, Ramanujan College

BOOK PUBLISHED

- R.D. Sarma, Ankit Gupta and **Rajesh Singh**, Concepts of Real Analysis, Sultan Chand & Sons, **ISBN No. 978-93-91820-27-5**, First Edition 2022, TC-1266 (676 Pages).

- Samridhi Mehta, Sumit Kumar Sharma, Shweta Gandhi, Mukund Madhav Mishra, Radha Mohan and **Rajesh Singh**, Algebra V, Institute of Lifelong Learning, University of Delhi, 2017, **ISBN No. 978-93-86264-06-0 (Link: https://vle.du.ac.in/course/view.php?id=75#section-5)**

RESEARCH PUBLICATIONS (5 SCIE, 11 SCOPUS INDEXED)

1. **Rajesh Singh**, Purnima Gupta and S. Arumugam. Truly Non-trivial Graphoidal Graphs, AKCE International Journal of Graphs and Combinatorics, Taylor & Francis, Vol. 19, No. 2, 112-117, 2022. ISSN: 0972-8600. https://doi.org/10.1080/09728600.2022.2077674

2. Purnima Gupta, Megha Agarwal and **Rajesh Singh**. On Graphoidal Length of a Tree in Terms of its Diameter, AKCE International Journal of Graphs and Combinatorics, Taylor & Francis, Vol. 17, No. 3, 703–707, 2020. ISSN: 0972-8600. https://doi.org/10.1016/j.akcej.2019.12.012

3. Purnima Gupta, **Rajesh Singh** and S. Arumugam. Graphs with equal domination and independent domination numbers, AKCE International Journal of Graphs and Combinatorics, Taylor & Francis, Vol. 17, No. 2, 691–696, 2020. ISSN: 0972-8600.

4. Purnima Gupta and **Rajesh Singh**. Domination in Graphoidally Covered Graphs: Least-kernel Graphoidal Covers-II, AKCE International Journal of Graphs and Combinatorics, **Elsevier,** Vol 15 (1), April 2018, 63-71. ISSN: 0972-8600.

5. Purnima Gupta and **Rajesh Singh,** Truly Nontrivial Graphoidal Covers-I, Proceedings of the Jangjeon Mathematical Society, Vol 20 (4), 2017, 613-622. ISSN 1598-7264.

6. Purnima Gupta and **Rajesh Singh**, On Graphs Whose Graphoidal Length Is Half of Its Size, Lecture Notes in Computer Science, **Springer**, Vol 10398, 2017, 289-299. ISSN: 0302-9743.

7. Purnima Gupta**, Rajesh Singh** and S. Arumugam. Graphoidal Length and Graphoidal Covering Number of a Graph, Lecture Notes in Computer Science, **Springer**, Vol 10398, 2017, 305-311. ISSN: 0302-9743.

8. Purnima Gupta, Alka and **Rajesh Singh**, Point-Set Domination in Graphs. VIII: Perfect and Efficient PSD Sets, Lecture Notes in Computer Science, **Springer**, Vol 10398, 2017, 300-304. ISSN: 0302-9743.

9. Purnima Gupta, **Rajesh Singh** and S. Arumugam. Characterizing Minimal Point Set Dominating Sets, AKCE International Journal of Graphs and Combinatorics, **Elsevier**, Vol 13 (3), 2016, 283-289. ISSN: 0972-8600.

10. Purnima Gupta and **Rajesh Singh**. Domination in Graphoidally Covered Graphs: Least-Kernel Graphoidal Covers. Electronic Notes in Discrete Mathematics, **Elsevier**, 53: 433-444, 2016. ISSN: 1571-0653.

11. S. Arumugam, Purnima Gupta, and **Rajesh Singh**. Bounds on Graphoidal Length of a Graph. Electronic Notes in Discrete Mathematics, **Elsevier**, 53: 113-122, 2016. ISSN: 1571-0653.

Other Academic Publications

1. Radha Mohan and **Rajesh Singh**. Primary Decomposition Theorem, e-lesson for Institute for Life Long Learning, University of Delhi. ISSN 2349-154X http://vle.du.ac.in/file.php/702/Primary_Decomposition_Theorem.pdf

2. **Rajesh Singh** and Radha Mohan. Cyclic Decomposition Theorem, e-lesson for Institute for Life Long Learning, University of Delhi. ISSN 2349-154X http://vle.du.ac.in/file.php/702/Cyclic_Decompositions.pdf

3. **Rajesh Singh** and Radha Mohan. Rational and Jordan Form, e-lesson for Institute for Life Long Learning, University of Delhi. ISSN 2349-154X http://vle.du.ac.in/file.php/702/Rational_and_Jordan_Form.pdf

4. **Rajesh Singh**. Cyclic Groups, e-lesson for "National Mission on Education Through ICT" MHRD Govt. of India Project. ISSN 2349-154X http://vle.du.ac.in/file.php/587/CYCLIC_GROUPS/CYCLIC_GROUPS.pdf

5. **Rajesh Singh**. Permutation Groups, e-lesson for "National Mission on Education Through ICT" MHRD Govt. of India Project. ISSN 2349-154X
http://vle.du.ac.in/file.php/587/PERMUTATION_GROUPS/PERMUTATION_GROUPS.pdf

6. Jeetendra Agarwal and **Rajesh Singh**. Introduction to Metric Spaces, e-lesson for "National Mission on Education Through ICT" MHRD Govt. of India Project. ISSN 2349-154X

http://vle.du.ac.in/file.php/704/INTRO_METRIC_FINAL.pdf

7. **Rajesh Singh** and R.D Sarma. Distance in Metric Spaces, e-lesson for "National Mission on Education Through ICT" MHRD Govt. of India Project. ISSN 2349-154X
http://vle.du.ac.in/file.php/706/METRIC_SPACES/DISTANCE.pdf

8. **Rajesh Singh** and R.D Sarma. Boundary in Metric Spaces, e-lesson for "National Mission on Education Through ICT" MHRD Govt. of India Project. ISSN 2349-154X. http://vle.du.ac.in/file.php/707/BOUNDARY.pdf

RESOURCE PERSON ABROAD

- Delivered a **30 minutes talk** on "**Graphoidal Covering Number and Graphoidal Length of a Graph**" in **CIMPA RESEARCH SCHOOL- GRAPH THEORY (CIMPA'17)** organized at **Lebanese University, Beirut, Lebanon.**

RESOURCE PERSON/ INVITED TALKS/SESSION CHAIRING IN INDIA

1. Resource Person in One Week Faculty Development Programme on "**Data Analytics & Mathematical Software Tools**" organized by Teaching Learning Centre (TLC), Ramanujan College, University of Delhi in collaboration with PG & Research Department of Mathematics (Under DBT Star College Scheme), Jamal Mohamed College (Autonomous) during February 25 - March 03, 2022.

2. Resource Person in "**Refresher Course in Mathematics**" organized by the Department of Mathematics, Ramanujan College, in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi during 31 August - 14 September 2021.

3. Acted as a Resource Person in "**Refresher Course in Mathematics**" organized by the Department of Mathematics, Ramanujan College, in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi during 16-30 March 2021 and created pre-recorded lectures on the following topics:
   - **R Software: An Introduction**
   - **Research Tools: ORCiD and Google Scholar**
   - **Web Tools for Mathematics**

4. Delivered an **Invited Talk** Titled "Graphs with Equal Domination and Independent Domination Numbers" in the **Three Days International Webinar on Applied Mathematics** Organized by Department of Mathematics, Mother Teresa Women's University, Kodaikanal, during December 22-24, 2020.

5. **Chaired a session** on "Differential Equations and Mathematical Modelling" in the three- Day International Conference on Advances in Differential Equations & Mathematical Modelling (IC-ADE-MM-2020) organized online by School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi-110067, India in collaboration with International Academy of Physical Sciences (IAPS) during December 18 – 20, 2020.

6. Delivered an **Invited Talk** Titled "**Graphoidal Length of a Graph**" and **Chaired a Session** in the **International Conference on Graph Labeling and Applications ICGLA-2020** organized by Department of Mathematics, Goa University, Goa-India, during September 17-19, 2020.

7. **Resource Person** in One Week **Faculty Development Programme** on "**ICT ENHANCED TEACHING LEARNING AND CREATING MOOCs**" organized **by Shivaji College, University of Delhi** in collaboration with **Teaching Learning Centre and Research Development and Services Cell, Ramanujan College under the scheme PMMMNMTT of MHRD**, from 18th August- 25th June, 2020.

8. Acted as **a Resource Person** and delivered a talk in a Webinar on "**Small World Phenomenon**" organized by the PG and Research **Department of Mathematics of Jamal Mohamed College** under DBT Star College Scheme on 16th June 2020 via online mode.

9. **Resource Person** in One Week **Faculty Development Programme** on "**Open-Source Tools for Research**" organized by **Teaching Learning Centre and Research Development and Services Cell, Ramanujan College under the scheme PMMMNMTT of MHRD**, from 08th June- 14th June, 2020.

10. **Resource Person** in Two Week Faculty Development Programme on "**Managing Online Classes and Co-Creating MOOCs 2.0**" organized by **Teaching Learning Centre, Ramanujan College under the scheme PMMMNMTT of MHRD**, from 18th May- 03th June, 2020.

11. **Resource Person** in Two Week Faculty Development Programme on "**Managing Online Classes and Co-Creating MOOCs**" organized **by Teaching Learning Centre, Ramanujan College under the scheme PMMMNMTT of MHRD**, from 20th April- 06th May, 2020.

CONFERENCES-SEMINARS ORGANIZED

1. **Convenor of the Organizing Committee** of the **SERB, UGC, DRDO, IOCL and ONGC** sponsored International Conference on Graphs, Networks and Combinatorics (**ICGNC 2023**) organized by Department of Mathematics, Ramanujan College during 10-12 January 2023 [**Received a Funding of 21 Lakhs Rupees**].

2. **Coordinator** of the Online Three-Month Foundation Course on "Vedic Maths Mastery" organized by the Teaching Learning Centre, Ramanujan College, University of Delhi during 18th June - 11th September 2022

3. **Convener of the organizing committee** of Refresher Course in Applicable Mathematics organized by the Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru–570006 during 26 July – 08 August 2022.

4. **Convener of the organizing committee** of One Week Faculty Development Programme on Data Analytics & Mathematical Software Tools organized by the Teaching Learning Centre (TLC), Ramanujan College, University of Delhi in collaboration with PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous) during February 25 - March 03, 2022.

5. **Core member of the organizing committee** of the Foundation Day of the Ramanujan College, University of Delhi held on Wednesday, 22nd December 2021.

6. **Convener of the organizing committee** of Refresher Course in Applicable Mathematics organized by the Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with Deshbandhu College, University of Delhi during 15 December - 29 December 2021.

7. **Convener of the organizing committee** of Refresher Course in Mathematics organized by the Department of Mathematics, Ramanujan College, in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi during 31 August - 14 September 2021.

8. **Convener of the organizing committee** of the online workshop on Recent Trends in Domination and Graph Labelling (RTDGL 2021) organized by Department of Mathematics, Ramanujan College, University of Delhi in collaboration with Academy of Discrete Mathematics and Applications (ADMA) during 27-31 May, 2021.

9. **Convener of the organizing committee** of Refresher Course in Mathematics organized by the Department of Mathematics, Ramanujan College, in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi during 16-30 March 2021.

10. **Organizing member** in the Two- Day International Conference on Emerging Trends in Vedic Mathematics & Applications in Science, Technology and Social Sciences Research (ETVM-ASTSSR-2020, 16-17 August 2020) organized online by Special Centre for E–Learning, Jawaharlal Nehru University, New Delhi-110067, India, during August 16 – 17, 2020.

11. **Organizing member** in the Five- Day International Conference on Recent Trends in Mathematics and Its Applications to Graphs, Networks and Petri Nets (ICRTMA-GPN-2020) organized online by School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi-110067, India in collaboration with Vijnana Parishad of India, Society for Applications of Mathematics during July 20 – 24, 2020.

12. **Core Member of the Organizing Committee** of the International Conference on Applicable Mathematics with the theme "Network Science" organized by the Department of Mathematics, Ramanujan College, University of Delhi held during 19-21 December 2019.

13. **Core Member of the Organizing Committee** of the One-week Faculty Development Programme on "ICT Integrated Research in Mathematical Sciences" organized by the Ramanujan Centre for Applied Mathematics & Research and Teaching Learning Centre (TLC), Ramanujan College during 24-30, September, 2018.

14. **Core Member of the Organizing Committee** of the Seven-Day Faculty Development Programme on "Skill based Teacher's Training in ICT, IPR and Research" organized by the Teaching Learning Centre (TLC), Ramanujan College, New Delhi, during 5-11, March, 2018.

CONFERENCE ATTENDED ABROAD

- Participated in the "**Global Conference on Engineering and Technology (GCOET) 2016**" organized by Global Academy of Training and Research during June 1-2, 2016 at **Kuala Lumpur, Malaysia** and **presented a paper** entitled "**Truly Nontrivial Graphoidal Covers**"

FDP/ REFRESHER COURSE/ INDUCTION PROGRAM ATTENDED

1. Participated and successfully completed " One Week Online National Faculty Development Program on E-Contents and ICT Tools for Innovative and Effective Teaching" organized by KS Jain Institute of Engineering and Technology, Modinagar, Ghaziabad from 15 July to 21 July, 2020.

2. Successfully completed a One Week **Faculty Development Programme** on "Entrepreneurship, Incubation and Innovation" from June 23 – June 29, 2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.

3. Successfully completed a 4-Week **Induction/Orientation Programme** for Faculty in Universities/Colleges/Institutes of Higher Education from June 04 – July 01, 2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching and obtained grade A+.

4. Participated in three days web-based **Faculty Development Programme** on Adaptation to Learning Through Digital Platforms (Tools & Techniques) organized by IPEM, Ghaziabad from June 11 - June 13, 2020.

5. Participated in one-week online Faculty Development Programme (FDP) on "Moodie Learning Management System" organized by Atal Bihari Vajpayee University, Bilaspur in association with IIT, Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MI-IRD, Govt. of India) from 12 May, 2020 to 17 May,2020.

6. Successfully completed One Week Faculty Development Programme from 11th to 17th May, 2020 on LaTeX & Xfig organized by IQAC, A.N. College, Patna in association with Indian Institute of Technology-Bombay through Spoken Tutorial, Remote Learning. (An initiative of National Mission on Education through ICT, MHRD, Govt. of India).

7. Participated in a Seven-day **Faculty Development Programme** on "**Teachers, Teaching and Taught: Discovering New Meanings, Relationships and Purpose"** organized by Internal Quality Assurance Cell and Teaching Learning Centre, Ramanujan College, University of Delhi from 1-7 January, 2020.

CONFERENCE/WORKSHOP/FDP/INDUCTION PROGRAM/WEBINAR ATTENDED

1. Participated in the "**International Conference on Graphs, Combinatorics and Optimization ICGCO 2022**" organized by Department of Mathematics, BITS Pilani Dubai Campus during February 06-08, 2022 and **presented a paper** entitled "**On Graphs with Graphoidal Length One**".

2. Participated in the "**International E-Conference on Emerging Advances in Mathematical and Physical Sciences (IECEAMPS)**" jointly organized by Department of Mathematics and Department of Physics, Hindu College, Moradabad during June 28-30, 2020 and **presented a paper** entitled "**On Graphoidal Length of a Tree in Terms of its Diameter**".

3. Participated in National Webinar on "Cyber Crime, Law and Security" organized by NSS Unit, Shivaji College, University of Delhi on May 12, 2020.

4. Participated in the R training organized at Birla Institute of Technology Mesra, Noida Campus in January 2020 semester, with course material provided by the Spoken Tutorial Project, IIT Bombay (An Initiative of National Mission on Education through ICT, MI-IRD, Govt. of India).

5. Participated in the "**International Conference on Applicable Mathematics: Network Science (ICAM 2019)**" sponsored by SERB and UGC and presented the paper entitled "**On Graphs with Graphoidal Length One**", held at Department of Mathematics, Ramanujan College, University of Delhi during 19-21 December 2019.

6. Participated in the "**International Conference on Theoretical Computer Science and Discrete Mathematics (ICTCSDM 2018)**" sponsored by SERB and CSIR and presented the paper entitled "**On Graphoidal Length of a Tree in Terms of its Diameter**", held at SSN College of Engineering, Chennai during December 03-05, 2018.

7. Participated in the "**International Conference on Discrete Mathematics and Its Application to Network Science (ICDMANS)**" organized at Department of Mathematics, Birla Institute of Technology and Science Pilani, KK Birla Campus, Goa during July 07-10, 2018.

8. Participated in the "**Research Scholar Seminar and Annual Conference of the Society of Mathematical Sciences (Delhi)**" organized by the Department of Mathematics, University of Delhi, Delhi during May 01-02, 2017 and **presented a paper** entitled "**Graphoidal Length of a Graph**".

9. Participated in the "**International Conference on Theoretical Computer Science and Discrete Mathematics (ICTCSDM 2016)**" organized at Kalasalingam University, Krishnankoil, Tamil Nadu during December 19-21, 2016 and **presented a paper** entitled "**On Graphs whose Graphoidal Length is Half of its Size**".

10. Participated in the "**International Conference on Current Trends in Graph Theory and Computations**" organized at Department of Mathematics, South Asian University, New Delhi during September 17-19, 2016.

11. Participated in the "**International Conference on Discrete Mathematics-2016 (ICDM-2016) and Graph Theory Day-XII**" organized at Siddaganga Institute of Technology, Tumakuru-572103, Karnataka during June 9-11, 2016.

12. Participated in a **MOOC Workshop** organized by Institute of Life Long Learning, University of Delhi held on 30th March 2016.

13. Participated in the "**International Conference on Graph Theory and Its Applications**" held in Amrita School of Engineering, Coimbatore during December 16-19, 2015 and **presented a paper** entitled "**Bounds on Graphoidal Length of a Graph**"

14. Participated in the "**11th Annual Conference of ADMA and Graph Theory Day-XI**" held from 10th to 12th, June 2015 at B.S Abdur Rahman University, Chennai-600048

15. Participated in DST (SERB) & NBHM sponsored National Conference on "**Recent Trends In Graph Theory and its Applications (NCRTGTA-2015)**" held at Dept of Mathematics, Mangalore University, Mangalore on 5th and 6th, February 2015.

16. Participated in the "**11th Annual Conference of ADMA and Graph Theory Day-XI**" held from 10th to 12th, June 2015 at B.S Abdur Rahman University, Vandalur, Chennai-600048

17. Participated in the "**International Conference on Theoretical Computer Science and Discrete Mathematics"** held at SSN College of Engineering during December 08-10, 2014

18. Participated in the "**10th Annual Conference of ADMA"** and presented a paper entitled "**On Characterizing Minimal Point Set Dominating Sets**" held from 10-13 June, 2014 at REVA Institute Of Technology and Management

19. Participated in "**Workshop on Information Literacy and Competency**" organized by Delhi University Library System, University of Delhi on 19th February, 2014

20. Attended "**Instructional Workshop on Domination in Graphs**" held at National Centre for Advanced Research in Discrete Mathematics (n-CARDMATH), Kalasalingam University during 27th January-1st February 2014

21. Attended "**Advanced Workshop on Computational Methods for Integral Equations and Applications (AWCMIEA-2014)**" National Program on Differential Equation Theory, Computation and Application (NPDE-TCA) held at Indian Institute of Technology Kanpur during January 13-17, 2014

22. Attended National Research Seminar held at Faculty of Mathematical Sciences, North Campus, University of Delhi in September (2013)

23. Attended weekly colloquiums conducted by Department of Mathematics, South Campus, University of Delhi (2012-13)

24. Attended Science Academies Workshop on "**Ergodic Theory and Dynamical Systems**" October 1, 2012 in School of Physical Sciences, Jawaharlal Nehru University.

Paper Setter for Under-Graduate/Post-Graduate Examination

1. **Examiner** for setting of Under-Graduate question papers for University of Delhi examinations held in September 2021. The detail of the question paper is as follows:
   Course Name: B.A. (Prog.)
   Semester: II
   Unique Paper Code: 62351201_OC
   Paper Name: Algebra

2. **Examiner** for setting of Under-Graduate question papers for University of Delhi examinations held in May 2021. The detail of the question paper is as follows:
   Course Name: B.A. (Prog.)
   Semester: II
   Unique Paper Code: 62351201_OC
   Paper Name: Algebra

3. **Examiner** for setting of Under-Graduate question papers for University of Delhi examinations held in December 2020. The detail of the question paper is as follows:
   Course Name: B.A. (Prog.)
   Semester: I
   Unique Paper Code: 62351101_OC
   Paper Name: Calculus

4. **Examiner** for setting of Under-Graduate question papers for University of Delhi examinations held in November/December 2019. The detail of the question paper is as follows:
   Course Name: B.A. (Prog.) (SOL)
   Semester: I
   Unique Paper Code: 62351101
   Paper Name: Calculus

5. **Examiner** for setting of Under-Graduate question papers for University of Delhi examinations held in May/June 2018. The detail of the question paper is as follows:
   Course Name: B.A. (H) Mathematics- Discipline Centered Couse/Concurrent

Annual Mode
Unique Paper Code: A-645
Paper Name: Mathematical Awareness

6. **Examiner** for setting of Under-Graduate question papers for University of Delhi examinations held in May/June 2017. The detail of the question paper is as follows:
   Course Name: B.A. (H) Mathematics- Discipline Centered Couse/Concurrent
   Annual Mode
   Unique Paper Code: A-637
   Paper Name: Mathematical Awareness

Achievements

1. M.Sc. Mathematics (2011-2013)- **1ST Rank** in **South Campus, University of Delhi** and **1ST Rank** in **Sri Venkateswara College, University of Delhi.**

2. **South Campus Endowment Scholarship**, for being the Meritorious Student in M.sc Mathematics (Prev.) for the period of 2011-2012.

3. B.Sc. (H) Mathematics III^RD year 2011- **2ND Rank** in **South Campus, University of Delhi** and **1ST Rank** in **Sri Venkateswara College, University of Delhi.** Rewarded with Silver Medal.

4. B.Sc. (H) Mathematics IIND year 2010- **2ND Rank** in **South Campus, University of Delhi** and **1ST Rank** in **Sri Venkateswara College, University of Delhi.** Rewarded with Silver Medal.

5. B.Sc. (H) Mathematics I^ST year 2009- **2ND Rank** in **South Campus, University of Delhi** and **1ST Rank** in **Sri Venkateswara College, University of Delhi.** Rewarded with Silver Medal.

6. **CBSE X^th Board, Hamdard Public School** – Highest marks in Mathematics in School (Obtained 99% Marks).

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YouTube Channel: https://www.youtube.com/c/COSMOSLEARNING