




DEPARTMENT OF MATHEMATICS
DYAL SINGH COLLEGE, UNIVERSITY OF DELHI
FACULTY DETAIL



Title	Mr.	First Name	GAURAV	Last Name	KUMAR	Photograph
Designation	Assistant Professor					
Address	Department of Mathematics, Dyal Singh College(University of Delhi) Lodhi Road, New Delhi-110003					
Phone No Office						
Residence	Nil					
Mobile	7533073424/ 9971959620					
Email	gauravkumar.maths@dsc.du.ac.in					
Web-Page	Nil					
Educational Qualifications						
Degree	Institution				Year	
Ph.D. (General Topology)	University of Delhi				2019-Present (pursuing)	
M.Phil. (Algebraic Topology)	University of Delhi				2019	
M.Sc. Mathematics	Hindu College (University of Delhi)				2017	
B.Sc.(Hons.) Mathematics	Dyal Singh College (University of Delhi)				2015	
Career Profile						
Working as a permanent faculty at Dyal Singh College, University of Delhi, since January 17, 2023.						
Administrative Assignments (From 1 st July 2017 onwards)						
Areas of Interest / Specialization						
General Topology/Algebraic Topology						
Subjects Taught						
Real Analysis						
Research Guidance						
Publications Profile (From 1 st July 2017 onwards)						
1. Gaurav Kumar and Brij K. Tyagi, <i>Weakly strongly star-Menger spaces</i> , Cubo a Mathematical Journal, Vol 23, (2021), 287-298 (Scopus, ESCI).						
2. Gaurav Kumar and Brij K. Tyagi, <i>Remarks on semi-Menger and star semi-Menger spaces</i> , Tatra						

Mountains Mathematical Publication, Vol 81, (2022), 57-68 (**Scopus**).

3. Sumit Mittal, **Gaurav Kumar**, B. K. Tyagi, *On Some Set Properties*, Filomat, 36:19 (2022), 6473-6479 (**Scopus, SCIE**).

4. **Gaurav Kumar** and Brij K. Tyagi, *On Variants of ϑ -Menger spaces*, Filomat, (Archive) Vol 37, issue 15, (2023) (**Scopus, SCIE**).

5. **Gaurav Kumar**, Sumit Mittal, Brij K. Tyagi, *Some variants of the Rothberger property using generalized open sets*, Southeast Asian Bulletin of Mathematics, (Accepted) (**Scopus, ESCI**).

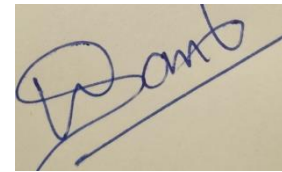
Conference Organization/ Presentations (From 1st July 2017 onwards)

- Presented a paper entitled “**Free Z_2 -action and equivariant maps**” in the National Research Scholar’s Seminar organized by the Department of Mathematics, University of Delhi on December 28, 2018.
- Presented a paper entitled “**Remarks on selection properties**” in the “3rd Conference on Algebra, Analysis and Applications ” organized by the Department of Mathematics, Dr. B. R. Ambedkar University, Delhi on August 5, 2022.
- Presented a paper (online) entitled “**Remarks on semi-Menger and star semi-Menger spaces**” in the conference on “Evolution in Pure and Applied Mathematics” Organized by Akal University, Talwandi Sabo, Punjab during November 16-18, 2022.
- Attended Workshop on “ Topology of Manifolds and Group Action”, held at University of Delhi, November 9-22, 2017.
- Attended “International Conference on Topology and Geometry”, held at the Department of Mathematics, University of Delhi during November 23-24, 2017.
- Attended “The 33rd Annual Conference of Ramanujan Mathematical Society”, held at the Department of Mathematics, University of Delhi during June 1-3, 2018. → Attended “Advanced Instructional School on Differential Topology”, held at North-Eastern Hill University, Shillong, July 02-21, 2018.
- Attended National Centre for Mathematics Workshop (NCMW) on “ Sheaf Theory, Sheaf Cohomology and Spectral Sequences” held at Department of Mathematics, University of Delhi during November 18-30, 2019.

Research Projects (Major Grants/Research Collaboration) (From 1st July 2017 onwards)

Awards and Distinctions (From 1st July 2017 onwards)

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| <ul style="list-style-type: none">• Recipient of Junior Research Fellowship (UGC), during Ph.D.• Recipient of Senior Research Fellowship (UGC), during Ph.D. |
| Association With Professional Bodies |
| |
| Other Activities like MOOCs/ Patents etc. (From 1 st July 2017 onwards) |
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A handwritten signature in blue ink on a light-colored background. The signature is stylized and appears to be 'D. S. Amb'.

Signature of Faculty Member