




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



| Title | Dr. | First Name | Garima | Last Name | Tomar | Photograph |
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| Designation | | Assistant Professor | | | |  |
| Address | | Department of Mathematics, Dyal Singh College, University of Delhi, Lodhi Road, New Delhi-110003 | | | | |
| Phone No Office | | -- | | | | |
| Residence | | -- | | | | |
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| Web-Page | | | | | | |
| Educational Qualifications | | | | | | |
| Degree | Institution | | | | Year | |
| BSc | MDU Rohtak | | | | 2002 | |
| MSc | MDU Rohtak | | | | 2004 | |
| PhD | Central University of Rajasthan | | | | 2017 | |
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| Career Profile | | | | | | |
| Undergraduate Teaching Experience: 7 yrs. (KLMNDC-Faridabad, DAVCC-Faridabad, Aggarwal College-Faridabad, RPSDC-Mahendergarh) | | | | | | |
| Graduate Teaching Experience: 4.5 yrs. (Central University of Haryana, RPSDC-Mahendergarh) | | | | | | |
| Administrative Assignments (From 1 st July 2018 onwards) | | | | | | |
| Convener, Departmental Academic Committee, DSC | | | | | | |
| Member, Grievance redressal Committee, Admission cell, DSC | | | | | | |
| Convener, Women Cell, RPSDC | | | | | | |
| Areas of Interest / Specialization | | | | | | |
| Complex Dynamics (Dynamical System) | | | | | | |
| Subjects Taught | | | | | | |
| UG level: Real Analysis, Complex Analysis, Calculus, Number Theory, Algebra | | | | | | |
| PG Level: Real Analysis, Advanced Complex Analysis, Topology | | | | | | |
| Research Guidance | | | | | | |
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| Publications Profile | | | | | Total Research papers 6 | |
| <ol style="list-style-type: none"> (Scopus) Anand P. Singh and Garima Tomar, "On levels of fast escaping sets and spider's web of transcendental entire function", New Zealand Journal of Mathematics, 49 (2019), 1-9. (SCI) Garima Tomar, "On the dynamics of composition of transcendental entire functions in angular region" Proceedings of National Academy of Sciences, India, Sec-A, Physical Sciences, 89(2019), 1-7. | | | | | | |

3. (SCI) Garima Tomar and V. N. Mishra, "Maximum term of transcendental entire function and spider's web" **Mathematica Slovaca, 70 (2020), 81-86.**
4. (SCI) Garima Tomar and V. N. Mishra, "On the dynamics of composition of transcendental entire functions in angular region-III" **Mathematica Slovaca, 70 (2020), 839-848.**
5. (Scopus) Anand P. Singh and Garima Tomar, "*Escaping sets of composition of transcendental entire functions*" **Journal of the Indian Mathematical Society, 88 (2021), 373-386.**

Conference Organization/ Presentations (From 1st July 2018 onwards)

- ❖ Presented a paper entitled "*On regularity conditions of Transcendental entire functions*" in **10th International conference of Applied Analysis and Mathematical Modelling**, online at **Biruni University, Istanbul, Turkey** during 1-3 July, 2022.
- ❖ Presented a poster entitled "*Spider's web and Maximum term*" in Low dimensional Complex Dynamics conference at **EPFL, Lausanne, Switzerland**, during 2-6 December, 2019.
- ❖ Presented a paper entitled "*On Composition of Transcendental entire functions and Spider's web*" in **84th annual conference of IMS-2018, an International meet**, at **SMVDU, Jammu** during 26-30 November, 2018.
- ❖ Presented a paper entitled "*On Triangulation of Spider's web*" in **ICRAM-2018** at **Aggarwal College, Ballabgarh** during 17-18 February, 2018.

Conferences /Workshops/Expert Talk organized

- ❖ Organized an expert talk on the occasion of "**Women in Mathematics Day**" on 14 June, 2023 at DSC.

Invited Talk/Extension lectures delivered

- ❖ Delivered an **invited talk in Mini Symposium** (23-24 Feb, 2019) at Deen Dayal Upadhaya College, University of Delhi.
- ❖ Delivered an **invited talk in National Seminar** at University of Jammu (28-30 March 2019).
- ❖ Delivered an **invited talk in National Seminar** at PSG College of Arts and Science, Tamil Nadu (31 March 2021).

Research Projects (Major Grants/Research Collaboration) (From 1st July 2018 onwards)

Nil

Awards and Distinctions (From 1st July 2018 onwards)

Won **V M Shah Prize** for best research paper presentation in 84th annual conference of Indian Mathematical Society on 30/11/2018.

Association With Professional Bodies

1. Lifetime member of Indian Mathematical Society
2. Affiliate member of American Mathematical Society
3. Reviewer: Mathematical Reviews (American Mathematical Society)

Other Activities like MOOCs/ Patents etc. (From 1st July 2018 onwards)



Signature of Faculty Member