



Dr. Garima Tomar

Current Position

Assistant Professor(Mathematics)
Central University of Haryana,
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Educational Qualification

- ❖ Ph. D from **Central University of Rajasthan** in 2017.

Title of Ph. D Research: **A Study on Transcendental Entire and Meromorphic Functions Under Iteration.**

- ❖ **GATE** 2011, qualified.
- ❖ **NET** 2010, qualified.
- ❖ M.Sc. in Mathematics in 2004, from M.D. University, Rohtak, Haryana with first division.
- ❖ B.Sc. with subjects Physics, Mathematics and Chemistry in 2002, from M.D. University, Rohtak, Haryana with first division.

International Recognition

- ❖ Presented a poster entitled “*Escaping sets of Composition of transcendental entire functions*” in **IMS-XXV** at **Stony Brook University, New York** during 8-12 May, 2015, fully funded by host institute.
- ❖ Attended **CIMPA-NEPAL SCHOOL, Aspects of Dynamical Systems**. Kathmandu, 3-16 November, 2014.
- ❖ Selected as a funded participant in **TCD-2017**, in University of Toronto, Canada.
- ❖ Writing reviews in **Mathematical reviews** for **Mathscinet(AMS)**.

National Recognition

- ❖ Working on **DST** funded project in **Women Scientist category**(WOS-A) costing a sum of Rs. 13,34,500.

Journal Publications

1. Garima Tomar, "*On the dynamics of composition of transcendental entire functions in angular region-II*", **Journal of the Indian Mathematical Society**, **84 (2017), 287-296**.

Papers Communicated in Journals

1. Garima Tomar, "**On the dynamics of composition of transcendental entire functions in angular region**" has been communicated.
2. Anand P. Singh and Garima Tomar, "**Escaping sets of composition of transcendental entire functions**" has been communicated.
3. Anand P. Singh and Garima Tomar, "**On Some properties of Spider's web**" has been communicated.
4. Garima Tomar, "**Maximum term of transcendental entire functions and Spider's web**" has been communicated.

Conferences /Workshops/Schools attended

1. Attended National workshop on "**Mathematical modelling and simulation**" at Department of Mathematics, Central University of Rajasthan, during 14-18 March, 2016.
2. Attended National conference "**AMS-AET**" at Poornima University, Jaipur during 25-26 July, 2015.
3. Attended "**DST-SERC School on Nonlinear Dynamics**" at Department of Physics, Central University of Rajasthan during 1 – 20 December, 2014.
4. Attended "**CIMPA-NEPAL SCHOOL, Aspects of Dynamical Systems**" at Tribhuvan University, Kathmandu during 3- 16 November, 2014.
5. Attended "**National Conference on Complex Analysis in Honor of Late Prof. K. S. Padmanabhan**" at Central University of Rajasthan, during 8-9 March, 2014.
6. Attended "**International conference and workshop on fractals and wavelets**" at Rajagiri school of Engineering and Technology, Kochi during 9-16 November, 2013.

7. Attended “**Instructional School for Lectures in Topology**” at CEMS Almora during 30th September-12 October, 2013.
8. Attended “**Instructional School for Lectures in Advanced Complex Analysis**” at Central University of Rajasthan, during 24th June - 13th July 2013.
9. Attended “**Advanced Training in Mathematics Schools on Complex Analysis & Related Topics**” at Central University of Rajasthan, during 15-19 March, 2013.

Paper/Posters Presented

National:

1. Presented a paper entitled “*On Some properties of Spider’s web*” in **81st annual conference of IMS-2015** at **VNIT, Nagpur** during 27-30 December 2015.
2. Presented a poster entitled “*Escaping sets and their properties*” in **IWM-2015** at **University of Delhi** during 2-4 April 2015.

International:

1. Presented a paper entitled “*On Triangulation of Spider’s web*” in **ICRAM-2018** at **Aggarwal College, Ballabgarh** during 17-18 February, 2018.
2. Presented a paper entitled “*On the dynamics of composition of transcendental entire functions in angular region*” in 24th annual **ICFIDCAA** at **Anand International college, Jaipur** during 22-26 August, 2016.
3. Presented a poster entitled “*Escaping sets of Composition of transcendental entire functions*” in **IMS-XXV** at **Stony Brook University, New York** during 8-12 May, 2015.
4. Presented a paper entitled “*Various aspects of Dynamical System in Optimization, Computing and Business Analysis for Sustainable Development*”, in **ICOCBASD** at **Central University of Rajasthan**, during 20-22 February, 2015.
5. Presented a paper entitled “*On the escaping set of entire functions*”, in **ICADS** at **Central University of Rajasthan**, during 10-13 March, 2014.

Professional Membership

Lifetime member of Indian Mathematical Society.

Honors

- ❖ Secured First position in Regional Centre in M.Sc. (Mathematics) in both consecutive years.
- ❖ Got distinction in Mathematics in B. Sc.-III year.

Teaching Experience

Four years of teaching experience of teaching UG and one year to PG classes.

Software Exposure

Latex, Mathematica, MATLAB, C language.