

ACADEMIC PROFILE OF FACULTY MEMBER

1. **Name:** Naveen Mehra
2. **Designation:** Guest Faculty in Department of Mathematics
3. **Contact Details:** 8510903266, 8266903266, 8445503266
4. **Qualification:**

Degree	University/Institute	Year of Passing
B.Sc.(Honors in Mathematics)	University of Delhi	2016
M. Sc. in Mathematics	Jamia Millia Islamia	2018
Ph. D.	Kumaun University	Pursuing
J.R.F. (Rank 97)	CSIR	2018

5. **Area of Specialization/Research Field:** Complex Differential Equation

6. **Publications:**

- i) **Research Articles published:**

- a) **Published Papers in Referred Journals:**

- Naveen Mehra, Garima Pant and S. K. Chanyal, Growth of Solutions of Complex Differential Equations with Entire Coefficients having a Multiply-Connected Fatou Component, Indian J. Pure Appl. Math., <https://doi.org/10.1007/s13226-022-00311-z>.
- Naveen Mehra and V. P. Pande, Infinite Order of Growth of Solutions of Second Order Linear Differential Equations, Journal of the Indian Math. Soc., Vol. 89, Nos. (3-4) (2022), 341-352, ISSN (Print): 0019-5839, ISSN (Online): 2455-6475.
- Naveen Mehra, Manisha Saini and Sanjay Kumar, Growth of Solutions of Second Order Linear Differential Equations, (Accepted for publication in Ganita).
- Naveen Mehra and S.K. Chanyal, Order of growth of linear complex differential equations when the coefficients have same order, arXiv preprint arXiv:2111.14379 (2021).
- Naveen Mehra and S. K. Chanyal, Solutions of Non-Homogenous Linear Differential Equations, arXiv preprint arXiv:2208.04069 (2022).

- Naveen Mehra and S. K. Chanyal, Solutions of Second Order Homogenous Linear Differential Equation, 2022 7th International Conference on Computing, Communication and Security (ICCCS), Seoul, Republic of Korea, pp. 1-4, doi: 10.1109/ICCCS55188.2022.10079253.

Conferences:

- Presented a paper entitled *Solutions of Second Order Homogenous Linear Differential Equation* in IEEE International Conference on “Big Data and Computational Intelligence (ICBDCI-2022)”, organized by Kumaun University, Nainital, India during 3-5 November 2022.
- Presented a paper entitled *Solutions of Non-Homogenous Linear Differential Equations* in International Conference on “Evolution in Pure and Applied Mathematics” organized by Department of Mathematics, Akal University, Talwandi Sabo, Bathinda, Punjab (India) during November 16-18, 2022.
- Participated in the International Conference on “Nonlinear Analysis and Applications” organized by organized by the Department of Mathematics, Assam Don Bosco University, India in collaboration with the Institute of Physics and Mathematics, Technological University of the Mixteca, Mexico and Department of Mathematics, Ramniranjan Jhunjhunwala College (Autonomous), Mumbai, India during November 22-23, 2022.

Workshops:

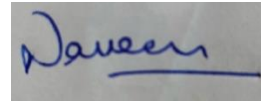
- Participated in the Faculty Development Workshop on “Computing with words via Fuzzy Logic with Application” at Graphic Era Hill University, Bhimtal Campus, Uttarakhand, India from November 25--29, 2019.
- Presented a paper entitled *Growth of Solutions of Second Order Linear Differential Equations* in “Research Seminar in Mathematical Sciences”, organized by Department of Mathematics, Deen Dayal Upadhyaya College, University of Delhi, Delhi, India on 23 January 2020.
- Presented a paper entitled *Growth of Solutions of Complex Differential Equations with Entire Coefficients having a Multiply-Connected Fatou Component* in the workshop on analysis organized by Department of Mathematics, D. S. B. Campus, Kumaun University Nainital, Uttarakhand, from 30-31 May, 2022.
- Participated in Online National Webinar on “Applications of Linear Algebra to Machine Learning & Artificial Intelligence” organized by Department of Mathematics & IQAC, Atma Ram Sanatan Dharma College, University of Delhi on 29th August, 2022.

Faculty Development Program:

- Participated in the 3-Day Online FDP on “Differential Equations & its Applications” organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai from 03rd February to 05th February 2023.

Membership:

- Lifetime member of “Bharat Ganita Parisad” having Membership Number: 954/2023.

A rectangular box containing a handwritten signature in blue ink. The signature appears to be 'Javeen' with a horizontal line underneath the name.**Signature of Faculty Member**