



## MANAV RACHNA UNIVERSITY, FARIDABAD

Sector 43, Aravalli Hills, Manav Rachna Campus Rd, Faridabad, Haryana 121004

### Dr. Dinesh Tripathi

**Designation:** Assistant Professor

**Qualifications:** Ph.D. (Mathematics)

**Email :** mrinal@mru.edu.in

**Experience:** 13 Years

**Google Scholar Profile:**



<https://scholar.google.co.in/citations?user=fi8nGxgAAAAJ&hl=en>

**Research Interest :** Complex Polynomial Approximation, Quaternion Theory and Bi-complex Theory

#### + Journal Publication Details:

**D. Tripathi, "A Note on Eneström-Kakeya Theorem for a Polynomial with Quaternionic Variable".** Arabian J. Math. 10 (2020), pp. 1–8. doi: 10.1007/s40065-020-00283-0. (Scopus, ESCI, WoS)

**D. Tripathi, "A Refinement of an Inequality due to Ankeny and Rivlin",** Stud. Univ. Babeş ,-Bolyai Math. 65.(3) (2020), pp. 325–332. doi: 10.24193/subbmth.2020.3.01. (Scopus, ESCI, WoS)

**D. Tripathi, "On The Derivative Of A Rational Polynomial With Prescribed Poles",** J. Math. Ineq. (2019), (Accepted). (Scopus, ESCI, WoS)

**D. Tripathi, H. G. Hyun, and S. Hans. "On Location of the Zeros of Polynomial (Lacunary Type)".** In: Non-Linear Func.Anal. Appl. Vol. 24.3 (2019), pp. 555–564. (Scopus)

S. Hans, **D. Tripathi**, A. A. Mogbademu, and Babita Tyagi, **"Inequality for Derivatives of Rational Functions",** J. Interd. Math. 21.1 (2018), pp. 157–169. (Scopus, ESCI, WoS)

**D. Tripathi, S. Hans, and Babita Tyagi. "Generalization of An Inequality for the Polar Derivative of Polynomials",** Non-Linear Func.Anal. Appl. Vol. 23.2 (2018), pp. 311–321. (Scopus)

S. Hans and **D. Tripathi, "Inequalities Describing The Growth Of Polynomials",** Non-Linear Func.Anal. Appl.Vol. 22.1 (2017), pp. 87–98. (Scopus)

S. Hans and **D. Tripathi. "Some Extension and Generalization of a Polynomial Inequality",** Transactions of NAS of Azerbaijan 37.1 (2017), pp. 109–120. (Scopus, ESCI)

**D. Tripathi and S. Hans, "An inequality for the derivative of a rational function with prescribed poles",** Bull. Cal. Math Soci. 108.1 (2016), pp. 29–36.

S. Hans, **D. Tripathi**, and Babita Tyagi, **"Some Polynomial Inequalities for The Derivative of Polynomials",** Journal of Mathematics 2014.ID160485 (2014), 5pages. (Scopus, ESCI, WoS)

#### + Conference Publications:

**D. Tripathi, S. Hans, and Babita Tyagi, "An Inequality concerning the Derivative of a Polynomials",** 2<sup>nd</sup> International Conference on REDSET-2016 held at GD Goenka University, Gurgaon, 2016, pp. 85–87.

J. Kaur, **D. Tripathi**, and S. Hans, **"Inequalities for the Polar Derivatives of Polynomials",** International Conference on Emerging Trends in Computational and Applied Mathematics" held at The NrthCap University, Gurgaon 2014, pp. 308–310.

**+ Administrative Responsibilities:**

"Chief Program Coordinator" in MRU from 01-06-2016 to Till date

"Member of Board of Faculty" in MRU from 01-06-2019 to Till date.

"Member of Anti Raging committee" in MRU From 2017 to 2019.

"Centre Superintendent of Examination" In MRU and MDU from 2015-2018.

**+ Professional Affiliation:**

Life member of Indian Mathematical Society.

Member of International Association of Engineers (IAENG)

**+ Expert Talk Delivered**

Writing Scientific formulae Equation, and Preparing manuscript Generating Bibliography, delivering a talk in Workshop on "**Scientific Writing Using LaTeX**" held at Department of Mathematics, Manav Rachna University, Faridabad, Jan 17-18, 2020.