

## CURRICULUM VITAE



### PERSONAL INFORMATION

Name: Dr Adil Hussain Malik  
S/O: Nazir Ahmad Malik  
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Institution Email: adil.scholar@kashmiruniversity.net  
Date of Birth: 01-12-1992  
Citizenship: Indian  
Mobile Number: 7006901009 / 9018666796

### OBJECTIVE

- To get advanced education and training in the field of Mathematical sciences.
- To eradicate the phobia towards mathematics among the students.
- To develop the Lab oriented curriculum of mathematics in lower classes.
- To contribute in mathematics where the results reflect in our society.

### PRESENT POSITION

Lecturer (Contractual), JKIMS, Srinagar.

### SPECIALIZATION

Complex Analysis and Function Theory

### FIELDS OF INTEREST

Complex Analysis and Polynomial Theory

**ACADEMIC DETAILS**

<b>Degree/Examination</b>	<b>Institute</b>	<b>Year</b>	<b>Marks</b>	<b>Percentage</b>
10 <sup>th</sup>	Central Boys High School, Pulwama	2007	339/500	67.8
12 <sup>th</sup>	Govt. Boys Higher Secondary, Pulwama	2009	522/750	69.6
Bsc	Govt Degree College Pulwama	2013	1199/1800	66.61
Msc (Mathematics)	University of Kashmir	2016	1228/2000	61.4
Integrated Ph.D	University of Kashmir	2021	-	-

**EXAMS QUALIFIED:**

<b>Examination</b>	<b>Year</b>
NET	2019
SET	2016

**TEACHING EXPERIENCE:**

<b>Name of College</b>	<b>Designation</b>	<b>Date of Joining</b>	<b>Date of Leaving</b>
GDC, Shopian	Lecturer	27-08-2021	24-12-2021
GDC, Pampore	Lecturer	09-04-2022	26-12-2022
GDC, Pulwama	Lecturer	20-03-2023	26-12-2023
JKIMS, Srinagar	Lecturer	15-10-2024	31-07-2025
JKIMS, Srinagar	Lecturer	26-09-2025	Present

## **PUBLICATIONS**

1. *Comparison inequalities between polynomials with constraints on their zeros*, **Applicable Analysis and Discrete Mathematics**, 18(2024), 028-043. (SCI-INDEXED)
2. *Extremal problems for a polynomial and its polar derivative*, **Filomat**, 31(2024), 10867-10878. (SCI-INDEXED)
3. *Extremal problems of Turan-type involving the location of all zeros of a polynomial*, **Complex Variables & Elliptic Equations**, 68(2023), 1-12. (SCI-INDEXED)
4. *On the Enstrom-Kakeya theorem for quaternionic polynomial*, **Filomat**, Vol. 37, No. 15 (2023), 4981-4990. (SCI-INDEXED)
5. *Operator preserving Bernstein-type inequalities between polynomials*, **Journal of contemporary mathematical analysis**, 5 (2023), 56-68. (SCI-INDEXED)
6. *Extremal problems of Turan-type for a univariate complex coefficient polynomial*, **Analysis and Mathematical Physics**, 41(2023), 1-18. (SCI-INDEXED)
7. *Note on an inequality of M. A. Malik*, **Applicable Analysis and Discrete Mathematics**, 16 (2022), 564-575. (SCI-INDEXED)
8. *Extremal problems of Bernstein-type and an operator preserving inequalities between Polynomials*, **Siberian Math. J.**, 63 (2022), 138-148. (SCI-INDEXED)
9. *Inequalities of Turan-type for algebraic polynomials*, **Revista de la Real Academia de Ciencias Exactas, Fisicasy y Naturales. Serie A. Mathematicas**, 116(2022), 1-23. (SCI-INDEXED)
10. *On the zero bounds of quaternionic polynomials with restricted coefficients*, **Vestnik St. Petersburg University, Mathematics**, 57(2024), 360-367. (ESCI-INDEXED)
11. *Growth estimates for certain class of meromorphic functions*, **Kragujevac J. Math.**, 50(7)(2026), 1049-1055. (ESCI-INDEXED)
12. *Generalizations of some Bernstein-type inequalities for the polar derivative of a polynomial*, **Kragujevac J. Math.**, 49(2025), 31-41. (ESCI-INDEXED)
13. *Zero bounds for quaternionic polynomials with restricted coefficients*, **Applied Mathematics E-Notes**, 24(2024), 55-63. (ESCI-INDEXED)
14. *A note on location of the zeros of quaternionic polynomials*, **Armenian Journal of Mathematics**, 15(7) (2023), 1-12. (ESCI-INDEXED)

15. *Estimates for the polar derivative of a constrained polynomial on a disk*, **CUBO, A Mathematical Journal**, 24 (2022), 541-554. (ESCI-INDEXED)
16. *On the Erdos-Lax inequality and its various generalizations concerning polynomials*, **Rendicoti del Circolo Matematico di Palermo Series 2**, 72(2022), 1-13. (ESCI-INDEXED)
17. *A note on Enstrom-Kakeya theorem for quaternionic polynomials*, **Korean J. Math.**, 30 (2022), 503-513. (ESCI-INDEXED)
18. *Upper bound estimates for the polar derivative of a polynomial with restricted zeros*, **PUBLICATIONS DE L'INSTITUT MATHEMATIQUE**, 112(2022), 103-110. (ESCI-INDEXED)
19. *Growth of a polynomial with restricted zeros*, **J. Analysis**, 28(2020), 827-839. (ESCI-INDEXED)
20. *Generalizations of some Bernstein-type inequalities for the polar derivative of a polynomial*, **Ann. Univ. Ferrara**, 66(2020), 371-379. (SCOPUS-INDEXED)
21. *On Bernstein-type inequalities for polynomials involving the polar derivative*, **J. Class. Anal.**, 16(2020), 9-15. (SCOPUS)
22. *Uniform norm estimates of Bernstein-type for Lacunary-type complex polynomials*, **J. Class. Anal.**, 18(2021), 39-47. (SCOPUS)
23. *Turan-type inequalities for certain class of meromorphic functions*, **Int. J. Non Linear Anal. Appl.**, 16(2025), 17-26. (UGC CARE LIST)
24. *Bounds for the zeros of a quaternionic polynomial with restricted coefficients*, **Int. J. Non Linear Anal. Appl.**, 14 (2023), 1809-1816. (UGC CARE LIST)
25. *A note on sharpening of Erdos-Lax and Turan-type inequalities for a constrained polynomial*, **Int. J. Non Linear Anal. Appl.**, 13 (2022), 3239-3249. (UGC CARE LIST)
26. *Inequalities concerning the rate of growth of polynomials involving the polar derivative*, **Ann. Univ. Mariae Curie-Sk Lodowska Sect. A**, 74(2020), 67-75. (UGC CARE LIST)
27. *Bounds for the Zeros of Polynomials*, **Anal. Theory and Appl.**, 36(2020), 1-7. (UGC CARE LIST)
28. *Number of zeros of a polynomial in a specific region with restricted coefficients*, **J. Math. Appl.**, 42(2019), 135-146. (UGC CARE LIST)
29. *A note on sharpening of the Erdos-Lax inequality concerning polynomials*, **Bulletin T.CLIII de l'Academie serbe des sciences et des arts**, 45(2020). (UGC CARE LIST)

## **CONFERENCES AND WORKSHOPS ATTENDED**

1. November 19, 2017, Presented a Paper in Conference at Department of Mathematics University of Kashmir, Srinagar organized by Kashmir Mathematical Society (KMS).
2. Recent trends in pure and applied mathematics” on December 19, 2017 at Department of Mathematics, University of Kashmir, Srinagar.
3. Attended and presented a paper in 13<sup>th</sup>JK Science Congress from 2<sup>nd</sup> to 4<sup>th</sup>April, 2018.
4. Attended a 2-day national level workshop on “Geometrical Interpretation of Mathematical Concepts” at Department of Mathematics University of Kashmir, Srinagar from 28th-29th August 2018.
5. September 2017, Attended a Workshop on Research Methodology at University of Kashmir, Srinagar.
6. Participated and presented a paper in International Conference on “*Recent Advances in Interdisciplinary Sciences*” at University of Jammu from 11-12 January, 2019.
7. Participated in the 3-Day National Level Workshop on “*Algebra and Analysis*” from 18th-20th June, 2019 at Central University of Kashmir.
8. Participated and Presented a paper in International Conference on “*Contemporary Issues in Engineering, Agriculture, Applied Sciences and Humanities (EAH-2019)*” at NIT Srinagar from 22nd-23rd June, 2019.
9. Participated and presented a paper in “National Conference on Emerging trends in Mathematics” at University of Kashmir, Srinagar on December 15-16, 2020.

## **MISCELLANEOUS QUALIFICATION:**

Computer Literacy:

Type setting Programing (Mik Tex, Latex), Presentation Program (MS Power Point, Corel Presentation, Latex Presentation) MS Word

NPTEL ONLINE COURCES

## **MEMBERSHIPS**

Kashmir Mathematical Society (KMS) Kashmir

## **PRESENT COMMUNICATION ADDRESS**

Malik Pora Pulwama, Near Gousia Masjid-192301