Dr. Mohd. Abdullah Mir

CONTACT INFORMATION

Associate Professor
Department of Mathematics
University of Kashmir
190006 Hazratbal, Srinagar, India.

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PERSONAL INFORMATION

Father Name: Mohd. Qasim Mir
Date of Birth: 25-02-1973
Nationality: Indian
Permanent Address: Wata Magam (Magam), District Budgam, J&K, India–193401.

Place of Birth: Magam (Budgam)
Domicile: Srinagar, J&K
Languages: English, Urdu, Kashmiri
Sex: Male

RESEARCH FIELDS

– Complex Analysis and Function Theory
– Approximation Theory
– Polynomial Theory.

EDUCATION

Jamia Millia Islamia Central University, New Delhi, India — March 2000 – Oct. 2003
Ph.D Mathematics
Research Field: On Extremal properties and location of zeros of polynomials
Supervisor: Dr. K. K. Dewan.

University of Kashmir, Hazratbal Srinagar, India — March 1996 – March 1998
MSC Mathematics — University Topper

University of Kashmir, Hazratbal Srinagar, India — March 1992 – March 1995
BS.C — First Class

PROFESSIONAL EXPERIENCE

University of Kashmir, Hazratbal Srinagar, India — June 2018 – Present
Associate Professor

University of Kashmir, Hazratbal Srinagar, India — June 2015 – June-2018
Assistant Professor (Selection Grade) — (3 Years)

University of Kashmir, Hazratbal Srinagar, India — June 2010 – June 2015
Assistant Professor (Senior Scale) — (3 Years)

University of Kashmir, Hazratbal Srinagar, India — June 2008 – June 2010
Assistant Professor — (2 Years)

Islamia College of Science and Commerce, Hawal Srinagar, India — May 2005 – June 2008
Lecturer Mathematics — (3 Years and 1 Month)

RESEARCH FUNDING

1. **INR 150K, Seed Money Grant Minor Project 2013–2015 Sponsered by UOK, Hazratbal, Srinagar, India**. (Successfully Completed)
2. **INR 1.189500M On Operators and Growth of Polynomials July 2015–June 2018 Major Project sponsered by UGC, New Delhi, India.** (Susscessfully Completed)
3. **INR 1.685400M Bernstein-type Inequalities and Regional Location of Zeros of Polynomials Sponsored by NBHM, Department of Atomic Energy, Mumbai, India.** (Ongoing)
4. **INR 6.6L On the Zeros of Quaternionic Polynomial Major Project submitted to the Department of Science and Technology (SERB), India.** (Ongoing)

AWARDS AND ACHIEVEMENTS

October 2001	Received Gold Medal on the 16th Annaual Convocation of KU
June 2016–Dec. 2017	Nodal Officer (DIQA)
Dec. 2017–Till Date	Examination Coordinator
Feb 2022–Till Date	Nodal Officer (DIQA)
2010–2014	Supervised **three Mphil research scholars** to complete their thesis in my current departement
2015–2017	Supervised **three Ph.D research scholars** to complete their Ph.D thesis in my current department
2018–2021	Supervised **two Ph.D students** to complete their Ph.D thesis in my current department
2020–Till date	Supervising **four Ph.D students** to puruse their Ph.D in my current department
	Number of Research Publication = **100**, IF Journals = **49.75**, Citations = **419**

SCI PUBLICATIONS

1. G. V. Milovanović and A. Mir, *On the zero bounds of polynomials and regular functions of a quaternionic variable*, Applicable Anal. Discrete Math., 17 (2023), 216-231. (Impact Factor **1.414**)
2. A. Mir and A. Hussain, *Extremal problems of Turán-type for a univariate complex coefficient polynomial*, Anal. Math. Phy., 13(2023), (Art.41), pp.1-18. (Impact Factor **1.57**)
3. A. Mir and A. Hussain, *Extremal problems of Turán-type involving the location of all zeros of a polynomial*, Complex Var. Ellipt. Eq. (2023) https://doi.org/10.1080/17476933.2022.2158186. (Impact Factor **0.765**)
4. A. Mir and I. H. Dar *Inequalities for the Polar Derivative of a Complex Polynomial*, FILOMAT, 36 (2022) 5631-5640. (Impact Factor **0.988**)
5. A. Mir, N. A. Rather and Ishfaq Dar, *Zygmund-Type Integral Inequalities for Complex Polynomials*, Mediterr. J. Math., 20 (2022), (Art.25), pp.1-19. (Impact Factor **1.305**)
6. A. Mir, A. Ahmad and A. H. Malik, *Note on an inequality of M. A. Malik*, Applicable Anal. Discrete Math., 16 (2022), 564-575. (Impact Factor **1.414**)
7. G. V. Milovanović and A. Mir, *Zeros of one class of quaternionic polynomials*, FILOMAT, 36 (2022) 6657-6667. (Impact Factor **0.988**)
8. A. Mir and S. Hans, *Inequalities concerning rational functions in the complex domain*, Siberian Mathematical Journal, 63 (2022), 1012-1022. (Impact Factor **0.778**)
9. G. V. Milovanović, A. Mir and A. Ahmad, *On the zeros of a quarternionic polynomial with restricted coefficients*, Linear Algebra and its Applications, 653 (2022), 231-245. (Impact Factor **1.401**)

10. A. Mir and T. Fayaz, *A note on the Erdős-Lax inequality concerning polynomials*, Indian J. Pure Appl. Math., https://doi.org/10.1007/s13226-022-00309-7. (Impact Factor **0.372**)
11. G. V. Milovanović, A. Mir and A. Hussain, *Inequalities of Turán type for algebraic polynomials*, RACSAM, 116 (2022), (Art.154), pp.1-23. (Impact Factor **2.42**)
12. A. Mir, *Comparision inequalities of Bernstein-type between polynomials with restricted zeros*, Applicable Anal. Discrete Math., 16 (2022), 55-65. (Impact Factor **1.500**)
13. G. V. Milovanović and A. Mir, *On the Erdős-Lax and Turán inequalities concerning polynomials*, Math. Inequal. Appl., 25 (2022), 407-419. (Impact Factor **1.510**)
14. G. V. Milovanović, A. Mir and A. Hussain, *Extremal problems of Bernstein-type and an operator preserving inequalities between polynomials*, Siberian Math Journal, 63, 2022, 167-179. (Impact Factor **0.778**)
15. Preeti Gupta, Sunil Hans and A. Mir, *Generalizations of some inequalities for rational functions with prescribed poles and restricted zeros*, Anal. Math. Phy., 12(2022), (Art.34), pp.1-12. (Impact Factor **1.57**)
16. A. Mir, *Inequalities concerning polynomials in the complex domain*, Anal. Math. Phy., 11(2021), (Art.158), pp.1-13. (Impact Factor **1.548**)
17. G. V. Milovanović and A. Mir, *Inequalities for the maximum modulus of univariate constrained polynomials*, FILOMAT, 35(2021), pp.167-179. (Impact Factor **0.844**)
18. G. V. Milovanović, A. Mir and A. Ahmad, *Estimates for the maximal modulus of rational functions with prescribed poles*, FILOMAT, 35(2021), pp.1511-1517. (Impact Factor **0.844**)
19. A. Mir, *A Turán-type inequality for polynomials*, Indian J. Pure Appl. Math., 52, 2021, 911-914. (Impact Factor **0.372**)
20. A. Mir, *A note on an inequality of Paul Turán concerning polynomials*, Ramanujan J. 56, 2021, 1061-1061-1071. (Impact Factor **0.837**)
21. A. Mir, *A note on Turn-type inequalities for polynomials*, Bull. Math. Soc. Sci. Math. Roumanie Tome 64 (112), No. 2, 2021, 195-201. (Impact Factor **0.481**)
22. A. Mir and D. Breaz, *Bernstein and Turán-type inequalities for a polynomial with constraints on its zeros*, RACSAM, 115(2021), (Art.124), pp.1-12. (Impact Factor **1.406**)
23. G. V. Milovanović and A. Mir, *Comparison inequalities between rational functions with prescribed poles*, RACSAM, 115(2021), (Art.83), pp.1-13. (Impact Factor **1.406**)
24. A. Mir, *New integral norm estimates of Bernstein-type inequalities for a certain class of polynomials*, Indian J. Pure Appl. Math., 51 (2020), 1357-1371. (Impact Factor **0.516**)
25. G. V. Milovanović and A. Mir, *On the Erdős-Lax inequality concerning polynomials*, Math. Inequal. Appl., 23 (2020), 1499-1508. (Impact Factor **1.510**)
26. A. Mir, *Integral norm estimates for the polar derivative of lacunary-type complex polynomials*, Applicable Anal. Discrete Math., 14 (2020), 472-489. (Impact Factor **1.500**)
27. A. Mir and A. Ahmad, *Bernstein-Type Integral Inequalities for a certain class of polynomials-II*, Mediterr. J. Math., 17 (2020), (Art.177), pp.1-16. (Impact Factor **1.216**)
28. A. Mir, *Certain estimates of the derivative of a meromorphic function on boundary of the unit disk*, Indian J. Pure Appl. Math., 51 (2020), 749-760. (Impact Factor **0.516**)
29. G. V. Milovanović and A. Mir, *Generalization of Zygmund-type integral inequalities for the polar derivative of a complex polynomial*, J. Inequal. Appl., (2020), (Art. 136), pp 1-12. (Impact Factor **1.136**)
30. A. Mir and M. I. Sheikh, *Some upper bound estimates for the maximal modulus of the polar derivative of a polynomial*, J. Contemporary Math. Anal. (Armenian Academy of Sciences), 55 (2020), 189-195. (Impact Factor **0.200**)

31. A. Mir, *Some inequalities for rational functions with fixed poles,* J. Contemporary Math. Anal. (Armenian Academy of Sciences), 55 (2020), 105-114. (Impact Factor **0.200**)
32. A. Mir and A. Wani, *A note on two recent results about polynomials with restricted zeros,* J. Math. Inequal., 14 (2020), 47-52. (Impact Factor **1.219**)
33. A. Mir, *Generalization of Bernstein and Turán -type Inequalities for the polar derivative of a complex polynomial,* Mediterr. J. Math., 17 (2020), (Art.14), pp.1-12. (Impact Factor **1.216**)
34. A. Mir, *Bernstein- Type Integral Inequalities for a certain class of polynomials*, Mediterr. J. Math., 16 (2019), (Art.143), pp.1-11. (Impact Factor **1.216**)
35. A. Mir, *Inequalities concerning rational functions with prescribed poles*, Indian J. Pure Appl. Math., 50 (2019), 315-331. (Impact Factor **0.516**)
36. A. Mir, *On an operator preserving inequalities between polynomials,* Ukrainian Math. J., 69 (2018), 1234-1247. (Impact Factor **0.518**)
37. A. Mir and I. Hussain, *On the Erdös-Lax inequality concerning polynomials,* C. R. Acad. Sci. Paris, 355 (2017), 1055-1062. (Impact Factor **0.853**)
38. A. Mir and B. A. Dar, *Some results on the polar derivative of a polynomial,* J. Ramanujan. Math. Soc., 29 (2014), 403-412. (Impact Factor **0.199**)
39. A. Mir, K. K. Dewan and N. Singh, *Some inequalities concerning the rate of growth of polynomials*. Turkish J. Math., 33 (2009), 239-247. (Impact Factor **0.658**)
40. K. K. Dewan, N. Singh and A. Mir, *Extensions of some polynomial inequalities to the polar derivative,*. J. Math. Anal. Appl., 352 (2009), 807-815. (Impact Factor **1.220**)
41. K. K. Dewan, N. K. Govil, A. Mir and M. S. Pukhta, *On the derivative and maximum modulus of a polynomial,* J. Inequal. Appl., (2006), (Art. ID 54816), pp. 1-6. (Impact Factor **1.136**)
42. K. K. Dewan, J. Kaur and A. Mir, *Inequalities for the derivative of a polynomial,* J. Math. Anal. Appl., 269 (2002), 489-499. (Impact Factor **1.220**)

ESCI Publications

1. A. Mir and S. A Gupkari, *On the polar derivatives of a constrained polynomial.* J. Anal.,(2022), to appear.
2. A. Mir and A. Ahmad, *Inequalities of Erdös-Lax type for a complex polynomial*, J. Anal. 30, (2022)., 389-398.
3. G. V. Milovanović, A. Mir, and A. Ahmad, *Certain estimates of Tuáns-type for the maximum modulus of the polar derivative of a polynomial*, Publ. Inst. Math. Beograd, 108 (122) (2020), 121-130.
4. A. Mir and A. H. Malik, *Inequalities concerning the rate of growth of polynomials involving the polar derivative,* Annales Univer. Marie Curie-Sklodowska Lublin-Polonia, 74 (2020), 67-75.
5. A. Mir, *On Bernstein-type inequalities for rational functions with prescribed poles* Kragujevac J. Math., 45 (2021), 615-622.
6. A. Mir, *Generalizations of some Zygmund-type integral inequalities for the polar derivative of a complex polynomial,* Publ. Inst. Math. Beograd, (2020) to appear.
7. A. Mir, *Some inequalities for self-inversive rational functions with prescribed poles* Publ. Inst. Math. Beograd, 107 (2020), 109-116.
8. A. Hussain, A. Mir and A. Ahmad, *On Bernstein-type inequalities for polynomials involving the polar derivative*, J. Classical Anal., 16 (2020), 9-15.
9. A. Mir, A. Ahmad and A. Hussain, *Number of zeros of a polynomial in a specific region with restricted coefficients*, J. Math. Appl., 42 (2019), 135-146.
10. A. Mir and B. A. Dar, *Some L^s-inequalities for polynomials not vanishing inside a circle,* Thai Journal Math. 17 (2019), 115-124.

11. A. Mir, *Some inequalities for maximum modulus of rational functions,* Annales Univer. Marie Curie-Sklodowska Lublin-Polonia, 73 (2019), 33-39.
12. A. Mir, *Growth of a polynomial not vanishing in a disk,* Annales Univer. Marie Curie-Sklodowska Lublin-Polonia, 73 (2019), 41-48.
13. A. Mir and A. Wani, *Bernstein- type inequalities for a certain class of meromorphic functions,* Rendi. Circolo Mate. Palermo, Series 2, 68 (2019), 579-588.
14. A. Mir, *Some sharp upper bound estimates for the maximum modulus of polar derivative of a polynomial,* Annali Dell Univ. Ferrara, 65 (2019), 327-336.
15. A. Mir, *Growth estimates of derivative of a polynomial,* Tbilisi Math. J., 13 (2021), 615-622.
16. A. Mir, A. Wani and M. H Gulzar, *Some inequalities concerning the polar derivative of a polynomial,* J. Interdis. Math., 21 (2018), 1387-1397.
17. A. Mir and I. Hussain, *On some results of M. A. Malik concerning polynomials,* Funct. Approx. Comm. Math., 57 (2017), 143-149.
18. A. Mir and A. Wani, *On an integral inequality of M. A. Malik,* J. Classical. Anal., 10 (2017), 87-96.
19. A. Mir, *On s^{th} derivative of a polynomial,* Int. J. Non-linear Anal. Appl., 7 (2016), 141-145.
20. A. Mir and A. Wani, *Polynomials with polar derivative,* Funct. Approx. Comm. Math., 55(2016), 139-144.
21. A. Mir, K. K. Dewan and I. Hussain, *On an inequality of Paul Turan concerning polynomials,* Lobachevski J. Math., 37(2016), 156-160.
22. A. Mir and B. Dar, *Inequalities concerning the rate of growth of polynomials,* Afrika Matematika, 27 (2016), 279-290.
23. A. Mir and B. A. Dar, *Some inequalities concerning the polar derivative of a polynomial,* Thai Journal Math. 13 (2015), 423-432.
24. A. Mir, K. K. Dewan, N. Singh and B. Dar, *Some integral inequalities for polynomials with restricted zeros,* Sotheast Asian Bulletin of Math., 38 (2014), 83-92.
25. S. A. Baba and A. Mir, *Some results concerning to polar derivative of polynomials,* Note di Math., 32 (2012), 23-33.
26. A. Mir, K.K. Dewan, R. Lal, *Generalization of some polynomial inequalities to the polar derivative,* East J. Approx., 17 (2011), 323-332.
27. A. Mir, S. A. Baba, M. S. Pukhta, *Inequalities concerning maximum modulus of polynomials.* Thai J. Math., 9 (2011), 297-304.
28. A. Mir and S. A. Baba, *Some inequalities concerning polar derivative of a polynomial,* Addendum. Lobachevskii J. Math., 32 (2011), 231-237.
29. A. Mir and S. A. Baba, *Inequalities concerning to polar derivative of polynomials,* Lobachevskii J. Math., 32 (2011), 114-119.
30. A. Mir and S. A. Baba, *Inequalities concerning the polar derivative of polynomials,* East J. Approx., 16 (2010), 335-344.
31. A. Mir, K. K. Dewan and N. Singh, *Some L^p inequalities for polynomials,* Funct. Approx. Comment. Math., 42 (2010), 131-143.
32. K. K. Dewan, N. Singh, A. Mir and A. Bhat, *Some inequalities for the polar derivative of a polynomial*, Southeast Asian Bull. Math., 34 (2010), 69-77.
33. K. K. Dewan, N. Singh, B. Chanam and A. Mir, *Integral mean estimates for polynomials whose zeros are within a circle,* J. Inequal. Pure Appl. Math., 10 (2009), (Art. 23), pp.1-7.
34. K. K. Dewan and A. Mir, *Note on a theorem of S. Bernstein,* Southeast Asian Bull. Math., 31 (2007), 691-695.

35. K. K. Dewan and A. Mir, *Inequalities for the polar derivative of a polynomial,* J. Interdis. Math., 10 (2007), 525-531.
36. K. K. Dewan and A. Mir, *On the maximum modulus of a polynomial and its derivatives,* Int. J. Math. Math. Sci., 16 (2005), 2641-2645.
37. K. K. Dewan, A. Mir and R. S. Yadav, *Integral mean estimates for polynomials whose zeros are within a circle,* Int. J. Math. Math. Sci., 28 (2001), 231-235.

Papers Accepted for Publication

1. A. Mir, *Generalizations of some Zygmund-type integral inequalities for the polar derivative of a complex polynomial,* Publ. Inst. Math. Beograd, (2020) to appear.

Other Publications

1. A. Mir, A. Ahmad and A. Hussain, *Growth of a polynomial with restricted zeros,* J. Anal., 28 (2020), 827-839.
2. A. Mir, A. Ahmad and A. Hussain, *Bounds for the zeros of polynomials*, Anal. Theory Appl., 36 (2020), pp. 1-7.
3. A. Mir, A. Wani and I. Hussain, *A note on a theorem of T. J. Rivlin,* Anal. Theory Appl., 4 (2018) 293-296.
4. A. Mir, I. Hussain and A. Wani, *A note on Ankeny-Rivlin theorem,* J. Anal., 27 (2019), 1103-1107.
5. A. Mir, A. Wani and I. Hussain, *Some results on the growth of polynomials,* Anal. Theory Appl., 33 (2017), 316-322.
6. A. Mir, *On polynomials and their polar derivative,* Math. Sci. Appl. E-notes, 4 (2016), 110-120.
7. A. Mir and Q. M. Dawood, *Rate of growth of polynomials with restricted zeros,* Creat. Math. Inform., 25 (2016), 197-203.
8. A. Mir and G. N. Parrey, *On growth of polynomials with restricted zeros,* Anal. Theory Appl., 32 (2016), 181-188.
9. A. Mir and S. Bashir, *Integral inequalities concerning polynomials with polar derivatives,* Creat. Math. Inform., 25 (2016), 77-84.
10. A. Mir , *Inequalities for the growth and derivatives of a polynomial,* African Diaspora J. Math., 18 (2015), 18-25.
11. A. Mir, *On an inequality of Paul Turan concerning polynomials-II,* Anal. Theory Appl., 31(2015), 236-243.
12. B. Dar, A. Mir, Q. M. Dawood, M. I. Shiekh and M. A. Ali, *On the maximum modulus of a polynomial,* Math. J. Interdisciplinary Sci., 3 (2015), 125-129.
13. A. Mir, Q. M. Dawood and B. Dar, *Some integral mean estimates for polynomials with restricted zeros,* Anal. Theory Appl. 31 (2015), 81-91.
14. A. Mir and B. Dar, *Some inequalities for polynomials vanishing inside a circle,* Math. J. Interdis. Sci., 3 (2014), 1-14.
15. A. Mir and B. Dar, *Some results on the polar derivative of a polynomial,* Anal. Theory Appl., 30 (2014), 306-314.
16. A. Mir, I. Hussain and Q. M. Dawood, *On some inequalities concerning rate of growth of polynomials,* Anal. Theory Appl., 30 (2014), 290-295.
17. A. Mir and B. Dar, *Some Lp inequalities for polynomials not vanishing inside a circle,* ISRN Math. Anal., (2014), (Art. 272405), pp. 1-8
18. A. Mir, B. Dar, and S. A. Baba, *New inequalities on L^p-spaces*, Anal. Theory Appl., 29 (2013), 390-400.

19. A. Mir and B. A. Dar, *Some inequalities concerning the Polar Derivative of a Polynomial-II,* Anal. Theory Appl., 29 (2013), 384-389.
20. A. Mir, B. A. Dar and Q. M. Dawood, *Integral mean estimates for polynomials,* Int. Math. Forum, 8 (2013), 501-511.
21. M. Bidkham, H. A. Soleiman and A. Mir, *Lp Inequalities and Admissible operator for polynomials,* Anal. Theory Appl., 28 (2012), 156-171.
22. A. Mir and S. A. Baba, *Some integral inequalities for the polar derivative of a polynomial,* Anal. Theory Appl., 27(2011), 340-350.
23. A. Mir, K. K. Dewan and S. A. Baba, *On the zeros of polynomials and Analytic functions,* Math. Scientific J., 5 (2010), 51-58.
24. A. Mir and S. A. Baba, *On the zeros and coefficients of a polynomial with restricted zeros,* Math. Scientific J., 6 (2010), 59-65.
25. M. S. Pukhta, A. Mir and T. A. Raja, *Note on a theorem of S. Bernstein,* J. Comp. Math. Sci., 1 (2010), 419-423.
26. K. K. Dewan and A. Mir, *Some inequalities for composite polynomials. II,* J. Math. Anal. Approx. Theory, 2 (2007), 21-25.
27. K. K. Dewan, N. Singh and A. Mir, *Growth of polynomials not vanishing inside a circle,* Int. J. Math. Anal. (Ruse), 1 (2007), 529-538.
28. K. K. Dewan, N. Singh and A. Mir, *Growth of polynomials not vanishing inside a circle,* Int. J. Math. Anal. (Ruse), 1 (2007), 529-538.
29. K. K. Dewan and A. Mir, *Some inequalities for composite polynomials,* J. Math. Anal. Approx. Theory, 1 (2006), 135-140.

Books and Scripts Written

1. **Advanced Abstract Algebra-I** Published by the Department Of Distance Education, University of Kashmir in 2008-2009.
2. **Measure Theory** Published by the Department of Distance Education, University of Kashmir in 2009-2010.
3. **Abstract Measure Theory** published by the Department of Distance Education, University of Kashmir in 2010 - 2011.
4. **Theory of Numbers-I** Published by the Department of Distance Education, University of Kashmir in 2010-2011.
5. **Theory of Numbers-II** Published by the Department of Distance Education, University of Kashmir in 2010-2011.
6. **Advanced Abstract Algebra-II** Published by the Department of Distance Education, University of Kashmir in 2013-2014.

Invited Talks Delivered

1. Delivered a talk on Zeros of regular functions and polynomials of a quaternionic variable in international Conference on Number theory and Graph theory (ICNG-2023) organized by the Department of Mathematics, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, during Jan 18-20, 2023.
2. Delivered lectures in Indian National Mathematical Olympiad-INMO Training camp held at the Department of Mathematics, University of Kashmir, Srinagar, during December 30, 2019-Jan 02, 2020.
3. Delivered lecture in Indian National Mathematical Olympiad-INMO Training Camp and National Day of Mathematics held at the Department of Mathematics, University of Kashmir, Srinagar, during December 30, 2019-Jan 02, 2020.

4. Delivered a lecture on Countability of Sets in five days Subject Specific Training Programme for Master Trainers in Mathematics under DRMSA at SIE Srinagar during Jan15-19, 2018.
5. Delivered a talk on The Zeros and Critical Points of a Polynomial in international Conference on Nano Technology (ICNBL-2019) jointly organized by NIT Srinagar and IIT kharagpur, during April 07-11, 2019.
6. Delivered a talk on Countability in Two days workshop on Emerging Trends in Mathematics organized by Department of Mathematics- South Campus, Anantnag, University of Kashmir during March 28-29-2018.
7. Delivered a talk on Predatory open access publishing and a note on Ankeny-Rivlin theorem in a National conference on Recent Trends in Pure and Applied Mathematics 19 December 2017 organised by Kashmir Mathematical Society and Department of Mathematics University of Kashmir.
8. Delivered a talk On an Operator Preserving Inequality in Polynomials in two day National Seminar on Mathematics and its Applications organized by Department of Mathematics, Government Degree College Pulwama during March 15-16, 2016.
9. Delivered a talk on Growth of Polynomials in a National conference on complex analysis in honour of Late Prof. K.S. Padmanabhan 8-9 March, 2014 organized by Department of Mathematics, Central University of Rajasthan.

Workshops and Seminars attended

1. Attended an International Webinar on Advances in Optimization Techniques held at Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, Odisha, India from 30th Oct. to 1st Nov., 2020.
2. Attended an International Webinar on Recent Trends in Geometric Function Theory and Applications-2020 organized by Department of Mathematics, School of applied Sciences, KIIT Deemed to be University, Bhubaneswar Odisha, from 18th to 21st Sep., 2020.
3. Attended two-day International Webinar on Algebra, Analysis and Topology organized by Department of Mathematics, Bankura University and Bankura Mathematical Society from 13th to 14th August 2020.
4. Attended an International Webinar on Recent Developments in Number Theory organized by KIIT Deemed to be University, Bhubaneswar, Odisha, from 17th to 20th August, 2020.
5. Attended the webinar on Basics of Survey Analysis Design, Organized by Department of Mathematics and Computer Science, Mizoram University on 7th August 2020.
6. Attended 2-day National Seminar on Mathematics and its Applications, organised by Degree College Pulwama from March 15-16, 2016.
7. Attended 7-day workshop on research Methodology (Interdisciplinary) organised by the Directorate of Distance Education, University of Kashmir Srinagar from Feb. 16 to Feb. 22, 2015.
8. Attended 7-day workshop on Mathematics and its Applications, organised by the Department of Mathematics, University of Kashmir, Srinagar in collaboration with NBHM, Department of Atomic Energy, Government of India from 5-11, October, 2015.
9. Attended Research promotion workshop on Introduction to Graph and Geometric Algorithms from 18-20 May, 2015, organised by School of Technology and Computer Sciences TIFR at University of Kashmir Srinagar.
10. Attended 7-day Workshop on Mathematica and related Softwares, organised by the J and K Institute of Mathematical Sciences, Srinagar during Feb. 24 to March 2, 2014.
11. Attended the Advanced Level Workshop on Nonlinear Functional Analysis and Its Applications (NFAA-20913), sponsored by DST, Government of India held at University of Kashmir, Srinagar during October 21-29, 2013.

12. Attended 4-Day Teachers Training Camp/Workshop on Mathematical Olympiad held from September 12 to September 15, 2012 at the Department of Mathematics, University of Kashmir, Srinagar.
13. Attended workshop on a Role of Mathematics in Science, Engineering and Technology held on 26 March, 2012 organized by Department of Mathematics NIT, Srinagar.
14. Attended 2-day short term workshop on Disaster Management, organized by The Academic Staff College, University of Kashmir, Srinagar from 19-20 Oct. 2011.

Conferences Attended

1. Attended International Conference on Differential Geometry, Algebra and Analysis (ICDGAA-16), held at Department of Mathematics, Jamia Millia Islamia, New Delhi, November 15-November 17, 2016.
2. Attended a Conference on Complex Analysis and Applications organised by the NIT, Srinagar on March 17, 2016.
3. Attended the 11th JK Science Congress organised by University of Kashmir, Srinagar in 2015.
4. Attended International Conference on Algebra, Geometry, Analysis and their Applications (ICAGAA-14), held at Department of Mathematics, Jamia Millia Islamia, New Delhi, November 27-November 29, 2014.
5. Attended a National conference on Complex Analysis in honour of Late Prof. K.S. Padmanabhan 8-9 March, 2014 organized by Deptt. of Mathematics, Central University of Rajasthan.
6. Attended the 9th JK Science Congress held from 1st October-3rd October, 2013 organised by University of Kashmir, Srinagar.
7. Attended International Conference on Differential Geometry, Functional Analysis and Applications (ICDGFAA-12), held at Department of Mathematics, Jamia Millia Islamia, New Delhi from September 8-September 10, 2012.
8. Attended a National Conference on Recent Advances in Applied Mathematics held by the ITM University Gurgaon on 18th February 2012.
9. Attended the 6th JK Science Congress organised by University of Kashmir, Srinagar in 2010.
10. Attended Natural Science Infofest (NSIF-2008) at Jamia Millia Islamia New Delhi from 4th March-6th March, 2008.
11. Attended the 4th JK Science Congress held from 12th November-14th November, 2008 organised by University of Kashmir, Srinagar.
12. Attended an International Congress and 8th Conference of Indian Society of Industrial and Applied Mathematics and 17th Annual Conference of Jammu Mathematical Society held at University of Jammu from 31st March-3rd April 2007.

Collaborators

1. **Prof. Dr. Narendra Kumar Govil**
Affiliation: Department of Mathematics and Statistics, Auburn University.
Website: `http://webhome.auburn.edu/~govilnk/`

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