



## Faculty Details Proforma



Title	Dr.	First Name	Kshetrimayum	Last Name	Krishnadas	Photograph
Designation		Assistant Professor				
Address		RZ 442/5B, Gali No. 24, Sadh Nagar II, Palam Colony Delhi 110045				
Date of Birth		06/02/1982				
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Web-Page						
<b>Educational Qualifications</b>						
Degree		Institution			Year	
Ph.D		National Institute of Technology Manipur			2022	
M.Sc.		Hindu College, University of Delhi			2004	
B.Sc.		St. Edmund's College, NEHU Shillong			2002	
<b>Career Profile</b>						
<b>Areas of Interest / Specialization</b>						
Geometric Function Theory, Complex Analysis, Approximation Theory, Partial Differential Equations, Dynamical Systems						
<b>Papers Taught</b>						
Partial Differential Equations, Riemann Integration and Series of Functions, Multivariate Calculus, Calculus, Differential Equations, Linear Algebra, C Programming, C++ Programming						
<b>Research Guidance</b>						
NIL						

## Publications Profile

1. On Maximum Modulus of Polynomials with Restricted Zeros, *Bulletin of the Iranian Mathematical Society* (2021),1-14. (SCIE) <https://doi.org/10.1007/s41980-021-00575-x>
2. Generalized and Extended Versions of Ankeny-Rivlin and Improved, Generalized and Extended versions of Rivlin type Inequalities for  $s^{\text{th}}$  Derivative of a polynomial, *Mathematics* 2021, 9(8), 887. (SCIE) <https://doi.org/10.3390/math9080887>
3. Integral Inequalities for Polar Derivative of a Polynomial, *The journal of Analysis* 30, pages131–145 (2022). (SCOPUS) <https://doi.org/10.1007/s41478-021-00332-7>
4.  $L'$  inequalities for the derivative of a polynomial, *Note di Matematica* 41(2021) no. 2, 19-29. (SCOPUS) <https://doi.org/10.1285/i15900932v41n2p19>
5. On an Inequality of S. Bernstein, *Nonlinear Functional Analysis and Application*, 26(2)2021, 373-380. (SCOPUS) <https://doi.org/10.22771/nfaa.2021.26.02.09>
6. Some  $L^q$  Inequalities of a Polynomial, *Nonlinear Functional Analysis and Application*, 26(2)2021, 331-345. (SCOPUS) <https://doi.org/10.22771/nfaa.2021.26.02.07>
7.  $L'$  Inequalities of Generalized Turan-type Inequalities of Polynomials, *Nonlinear Functional Analysis and Application*, 26(4)2021, 855-868. (SCOPUS) <https://doi.org/10.22771/nfaa.2021.26.02.012>
8. Some Inequalities on Polar Derivative of a Polynomial, *Nonlinear Functional Analysis and Application*, 27(1)2022, 141-148. (SCOPUS) <https://doi.org/10.22771/nfaa.2022.27.01.09>
9.  $L'$  Inequalities Concerning Polynomials, *International Journal of Applied Mathematics*, 34(5), 2021, 979-994. (SCOPUS) <http://dx.doi.org/10.12732/ijam.v34i5.7>
10. Inequalities Concerning  $S^{\text{th}}$  Derivative of a Polynomial, *Journal of Physics: Conference Series*, 1849 (2021) 012007. (SCOPUS) <https://doi.org/10.1088/1742-6596/1849/1/012007>
11. On an Inequality of S. Bernstein, *American Institute of Physics Conf. Proc.* 2435, 020012-1–020012. (SCOPUS) <https://doi.org/10.1063/5.0083562>
12. On Upper Bound of the Derivative of Polynomials with Restricted Zeros, *American Institute of Physics Conf. Proc.* 2435, 020013-1–020013-9. (SCOPUS) <https://doi.org/10.1063/5.0083865>
13. Improved and Generalized Bernstein Type Inequalities for the Higher Derivative of a Polynomial, *European Journal of Molecular and Clinical Medicines*, 7(2) 2020, 1448-1455. (SCOPUS)
14. Maximum Modulus of a Polynomial and its Derivative, *European Journal of Molecular and Clinical Medicines*, 7(11) 2020, 2519-2527. (SCOPUS)
15. Remarks on Some Recent Inequalities of a Polynomial, *Kyungpook Mathematical Journal* (IN PRODUCTION). (SCOPUS)
16. On the  $S^{\text{th}}$  Derivative of a Polynomial, *Forum for Interdisciplinary Mathematics*, Springer Book Series (IN PRODUCTION). (SCOPUS)
17. Generalized Turan-type Inequalities for Polar Derivative of a Polynomial, *Mathematical*

<p><i>Sciences and Applications E-Notes (IN PRODUCTION). (UGC CARE LIST)</i></p> <p>18. On Maximum Modulus of Polar Derivative of a Polynomial, <i>Journal of Computational and Mathematical Sciences</i>, <b>11(3)2021, 2650-2664. (UGC CARE LIST)</b>  <a href="https://doi.org/10.28919/jmcs/5576">https://doi.org/10.28919/jmcs/5576</a></p> <p>19. Some Integral Mean inequalities concerning polar derivative of a polynomial, <i>Journal of Computational and Mathematical Sciences</i>, <b>11(4)2021, 3069-3076. (UGC CARE LIST)</b>  <a href="https://doi.org/10.28919/jmcs/5821">https://doi.org/10.28919/jmcs/5821</a></p> <p>20. On an upper bound for the polar derivative of a polynomial, <i>Journal of Computational and Mathematical Sciences</i>, <b>11(5)2021, 6491-6506. (UGC CARE LIST)</b>  <a href="https://doi.org/10.28919/jmcs/6162">https://doi.org/10.28919/jmcs/6162</a></p> <p>21. Improved versions of an inequality for the derivative of a polynomial, <i>Far East Journal of Mathematical Sciences</i>, <b>127(1)2020, 61-70. (PEER REVIEW)</b>  <a href="http://dx.doi.org/10.17654/MS127010061">http://dx.doi.org/10.17654/MS127010061</a></p> <p>22. Some Inequalities Concerning Polar Derivative of a Polynomial, <i>International journal of Pure and Applied Mathematics</i>, <b>14(1) 2021, 9-19. (PEER REVIEW)</b></p>
<p><b>Conference/ workshop Organized</b></p> <ol style="list-style-type: none"> <li><b>1. International Conference on Applicable Analysis (ICAA 2017), 8-11 February 2017, held at Satyakam Bhawan, New Social Sciences Block, University of Delhi.</b></li> <li><b>2. National Conference on Emerging trends in Mathematical Sciences for Industry and Environment: Use of Hindi Technical Terminology, 27-29 January 2020, held at Shaheed Bhagat Singh College, University of Delhi.</b></li> <li><b>3. National workshop on Latex and website designing, 11-12 August, 2016, held at Shaheed Bhagat Singh College, University of Delhi.</b></li> </ol>
<p><b>Awards and Distinctions</b></p>
<p><b>Association With Professional Bodies</b></p>
<p><b>Member, Forum for Industrial and Applied Mathematics</b></p>
<p><b>Other Activities</b></p>