


FACULTY DETAILS PROFORMA

Title	Dr	First Name	Naveen	Last Name	Jain	Photograph
Designation		Assistant Professor				
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Web-Page		https://sites.google.com/site/naveenjaindu				
Educational Qualifications						
Degree		Institution			Year	
Ph. D.		University of Delhi			2013	
M.Phil (Mathematics)		University of Delhi			2007	
M.Sc. (Mathematics)		Dayal Singh College, University of Delhi			2004	
B.Sc. (Mathematics)		Motilal Nehru College, University of Delhi			2002	
Career Profile						
July 2013 till date: Assistant Professor, Aryabhata College, University of Delhi.						
Administrative Assignments						
Areas of Interest / Specialization						
Complex Analysis, Functional Analysis						
Subjects Taught						
Metric Spaces, Multivariate Calculus, Complex Analysis, Real Analysis, Computer Algebra Systems and Related Software, Algebra.						
Research Guidance						
1. Swati Anand, Ph.D. (09/2019-), Coursework 2. Meghna, Ph.D. (09/2019-), Coursework						

FACULTY DETAILS PROFORMA

3. Shalu Yadav, M Phil (09/2017-02/2019), Bohr's Radius for Classes of Analytic Functions.

Publications Profile

1. Om Ahuja, Swati Anand and **Naveen Kumar Jain** , Bohr Radius problems for some classes of analytic functions using quantum calculus approach, Mathematics 2020, 8(4), 623 .

2. **Naveen Kumar Jain** and Shalu Yadav, Bohr Radius for Certain Analytic Functions, In: Deo N., Gupta V., Acu A., Agrawal P. (eds) Mathematical Analysis I: Approximation Theory. ICRAPAM 2018. Springer Proceedings in Mathematics & Statistics, vol 306. Springer, Singapore, 2020.

3. Rosihan M. Ali, **Naveen Kumar Jain** and V. Ravichandran, Bohr radius for classes of analytic functions, Results in Mathematics, Volume 74 (2019), Issue 4, Article 179.

4. Nak Eun Cho, **Naveen Kumar Jain** and V. Ravichandran, Convex combination of analytic functions with identity functions, Open Mathematics, Volume 15 (2017), no. 1, pp. 331-339.

5. **Naveen Kumar Jain** and V. Ravichandran, Radius problems for product and convolution of univalent functions, Honam Journal of Mathematics, Volume 38, (2016), number 4, 701-724.

6. **Naveen Kumar Jain** , V. Ravichandran and Kanika Sharma, Starlike functions associated with a cardioid, Afrika Mathematica, Volume 27(2016), Issue 5, pp 923-939.

7. Rosihan M. Ali, **Naveen Kumar Jain** and V. Ravichandran, On the largest disc mapped by sum of convex and starlike functions, Applied and Abstract Analysis, Volume 2013 (2013), Article ID 682413, 12 pages.

8. Rosihan M. Ali, **Naveen Kumar Jain** and V. Ravichandran, On the radius constants for classes of analytic functions, Bulletin of the Malaysian Mathematical Sciences Society (2), Vol. 36 (2013), no. 1, 23-38.

9. Rosihan M. Ali, Nak Eun Cho, **Naveen Kumar Jain** and V. Ravichandran, Radii of starlikeness and convexity of functions defined by subordination with fixed second coefficients, Filomat, Vol. 26 No 3 (2012), 553-561.

10. Rosihan M. Ali, **Naveen Kumar Jain** and V. Ravichandran, Radii of starlikeness associated with the lemniscate of Bernoulli and the left-half plane, Applied Mathematics and Computations, Volume 218 (2012), 6557-6565.

11. Rosihan M. Ali, **Naveen Kumar Jain** and V. Ravichandran, Convolutions of certain analytic functions, J. Analysis, Vol. 18 (2010), pp. 1-8.

Conference Organization/ Presentations

Invited Talks:

1. On the Bohr Radius, **Invited talk**, Second International Symposium of Geometric Function Theory (ISGFT-2019), Department of Mathematics, SSN College of Engineering, Tamil Nadu,

FACULTY DETAILS PROFORMA

India, Dec. 23-24, 2019

2. Bohr Radius for Janowski Starlike Functions, **Invited talk**, National Conference on Mathematical Analysis and Applications, Department of Mathematics, National Institute of Technology, Triuchirappalli, Tamil Nadu, India, Dec. 19-20, 2019.

Research Papers Presented in Conferences:

1. Presented a paper entitled 'Bohr's Radius for certain classes of Analytics Funtions' in Symposium on "Geometric Function Theory (GFT)", as a part of "National Conference on Mathematical Analysis and Computing (NCMAC-2018)", SSN College of Engineering, Chennai, December 13-14, 2018.

2. Presented a paper entitled 'Radii of starlikeness and convexity of functions defined by subordination with fixed second coefficients' in the National Seminar for Research Scholars held at Department of Mathematics, University of Delhi, March 24-25, 2012.

Workshop/ Conferences attended:

1. Participated in a Orientation Course organized by the CPDHE, University of Delhi, Delhi, November 25 to November 23, 2016.

2. Participated in a Special Winter School in Computational Mathematics organized by the SavitriBai Phule Pune University, Pune, India, November 6 to November 26, 2017.

3. Participated in Advanced Training in Mathematics School in Geometric Complex Analysis, Department of Mathematics, University of Delhi, March 21-April2, 2011.

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

1. Senior Research Fellowship (CSIR) in 2012
2. Junior Research Fellowship (CSIR) in 2010
3. IInd position in B.Sc. (H) Mathematics Ist year in Motilal Nehru College
4. Ist position in B.Sc. (H) Mathematics IInd year in Motilal Nehru College
5. Ist position in B.Sc. (H) Mathematics IIIrd year in Motilal Nehru College

Association With Professional Bodies

Other Activities

- Website Committee: Convenor(2017-19), member(2016-17, 2019-)
- Adventure Society Committee: Member(2016-19)
- Admission Grievance Committee: Member(2018-19)

FACULTY DETAILS PROFORMA

- Media Coordination Committee: Member(2018-20)
- GE-Coordination Committee: Member(2018-19)
- Academic Planning Committee: Member(2018-19)
- Students Council Committee: Member(2018-19)
- Gender Sensitization Committee: Member(2016-17)
- Student Feedback Review Committee: Member(2016-17)