Faculty Details proforma for DU Web-site

Title	**Professor**	First Name	**V**	Last Name	**RAVICHANDRAN**	Photograph
Designation		**PROFESSOR**				
Address		**Room No. 2, Ground Floor, Faculty of Mathematical Sciences, Department of Mathematics, University of Delhi Delhi 110 007**				
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Educational Qualifications

Degree	Institution	Year
Ph.D.	**ANNA UNIVERSITY**	**1997**
M.Phil. / M.Tech.	**NATIONAL COLLEGE, BHARATHIDASAN UNIVERSITY**	**1992**
MSc	**NATIONAL COLLEGE, BHARATHIDASAN UNIVERSITY**	**1991**
BSc	**NATIONAL COLLEGE, BHARATHIDASAN UNIVERSITY**	**1989**
Any other qualification		

Career Profile

Reader (May 2007 – May 2010), Associate Professor (May 2010-Jan2014), Professor (Jan 2014-till date), Head of the Department (Dec 21, 2016-) Department of Mathematics, University of Delhi

Adjunct Professor, Shri Mata Vaishno Devi University, Katra, India, August 2016 –

Visiting Professor (Jan 2011-Dec 2012), Senior Lecturer (May 2005 - May 2007), Post-doctoral Fellow (July 2004 - May 2005) at School of Mathematical Sciences, Universiti Sains Malaysia, 11800 USM, Penang, Malaysia

Assistant Professor (July 2001 to June 2004), Senior Lecturer (July 1999 to June 2001), Lecturer (Feb 1996 to June 1999) at Sri Venkateswara College of Engineering, Sriperumbuudur, India

Administrative Assignments

Head of the Department (Dec 21, 2016-); Chairman, Governing Body, SPM College, DU

Areas of Interest / Specialization

COMPLEX ANALYSIS (GEOMETRIC FUNCTION THEORY)

Subjects Taught

GEOMETRIC FUNCTION THEORY, ADVANCED COMPLEX ANALYSIS, COMPLEX ANALYSIS, TOPOLOGY, FUNCTIONAL ANALYSIS, CALCULUS ON R^N, OPERATORS ON HARDY-HILBERT SPACES

Research Guidance

List against each head (If applicable)

1. *Supervision of awarded Doctoral Thesis.*

    1. Shelly Verma, PhD, University of Delhi (2014 –2017), Coefficient and radius estimates of normalized analytic functions. (submitted)
    2. Sushil Kumar, PhD, University of Delhi, (2013 -16), Coefficient estimates and subordination for univalent functions.
    3. Kanika Sharma, PhD, University of Delhi, (2013-16), Differential subordination criteria for starlike functions.
    4. Rajni Kapoor, PhD, University of Delhi, 2009 –2014 (Subordination and radius problems for some classes of univalent functions)
    5. *Sumit Nagpal,* PhD, University of Delhi, 2011 – 2013 (Close-to- convex planar harmonic univalent mappings)
    6. *Naveen Kumar Jain*, PhD, University of Delhi, 2009 –2013 (Radius constants for geometric properties of univalent functions)
    7. *Shamani a/p Supramaniam*, PhD, (Field-supervisor) Universiti Sains Malaysia, 2009-2014 (Differential subordination and coefficient problems for certain analytic functions)
    8. *Mahnaz Moradi Nargesi*, PhD, (Field-supervisor) Universiti Sains Malaysia, 2009-2013 (Inclusion properties of linear operators and analytic functions)
    9. Chandra Shekar, PhD, (Field-supervisor) Universiti Sains Malaysia, 2012 (Subordination and convolution of analytic, meromorphic and harmonic functions)
    10. Abeer O. Badghaish, PhD, (Field-supervisor) Universiti Sains Malaysia, 2011 (Subordination and convolution of multivalent functions and starlikeness of integral transforms)
    11. N. Seenivasagan, PhD, (Co-supervisor), Universiti Sains Malaysia, 2007 (Differential subordination and superordination for analytic and meromorphic functions defined by linear operators)

2. *Supervision of Doctoral Thesis, under progress*

    1. Shweta Gandhi, PhD, University of Delhi, ---
    2. Nisha Bohra, PhD, University of Delhi, ---
    3. Subzar Ahmad Beig, PhD, Universisty of Delhi, 10/2014-
    4. Shelly Verma, PhD, University of Delhi, 9/6/2014 –
    5. Kanika Khatter, PhD, DTU (cosupervisor).

3. *Supervision of awarded M.Phil dissertations*

    1. Neeru Bala, M.Phil (2015-16), University of Delhi, (Univalence of integral operators).
    2. Prachi Gupta, MPhil (2014-15), University of Delhi (Functions with positive real part) submitted.
    3. Abdul Wakil Baidar, M. Phil (2014-16), (International Student from Afghanistan), University of Delhi, (First order differential subordinations for starlike functions).
    4. Soma Das, MPhil (2013-14), University of Delhi (Univalent Functions with Negative Coefficients)
    5. *Sumit Nagpal*, MPhil (2009-10), University of Delhi (First and Second Order Differential Subordinations and Radius Problems for Caratheodary Functions)
    6. *Chandrashekhar*, MPhil (2008-09) University of Delhi (Sufficient Conditions for Univalency, Starlikeness and Convexity of Analytic Functions)
    7. *Mukesh Aggarwal*, MPhil (2007-08) University of Delhi (Properties of Uniformly Starlike and Uniformly Convex Functions)
    8. *Bikram Singh*, MPhil, University of Delhi, (2007-2008) (Radii of Univalence, Convexity, and Starlikeness of Analytic Functions)

4. *Supervision of M.Phil dissertations, under progress*

    1. Mansi Sharma, M.Phil (2016-), University of Delhi, in progess.

Publications Profile

List against each head(If applicable) (as Illustrated with examples)

1. *Books/Monographs (Authored/Edited)*

Rosihan M. Ali and V. Ravichandran, Complex Analysis, Penerbit Universiti Sains Malaysia ISBN 978-983-3986-11-8.

2. *Research papers published in Refereed/Peer Reviewed Journals*

1. N. Bohra, V. Ravichandran, Radii Problems for Normalized Bessel Functions of First Kind, Computational Methods and Function Theory, accepted.
2. K. Khatter, V. Ravichandran and S. Sivaprasad Kumar, Third Hankel determinant of starlike and convex functions, The Journal of Analysis, accepted.
3. O. P. Ahuja, Subzar Beig and V. Ravichandran, Univalent harmonic functions generated by Ruscheweyh derivatives of analytic functions, Acta Universitatis Apulensis. accepted.
4. Nisha Bohra, and V. Ravichandran, On confluent hypergeometric function and generalized Bessel functions, Analysis Mathematica, accepted.
5. Shweta Gandhi, and V. Ravichandran, Starlike functions associated with a lune, Asian-European Journal of Mathematics, accepted.
6. Sushil Kumar and V. Ravichandran, Shelly Verma, Bounds for the initial coefficients of starlike functions with real coefficients, Bulletin of the Iranian Mathematical Society, accepted.
7. Sushil Kumar and V. Ravichandran, Subordinations for functions with positive real part, Complex Analysis and Operator Theory, appeared online.
8. Rosihan M. Ali, Virendra Kumar, V. Ravichandran, and S. Sivaprasad Kumar, Radius of starlikeness for functions with fixed second coefficient, Kyungpook Mathematical Journal, accepted.
9. Kanika Khatter, V. Ravichandran and S. Sivaprasad Kumar, Janowski starlikeness and convexity, Proceedings of the Jangjeon Mathematical Society, accepted.
10. Om P. Ahuja, Sumit Nagpal, and V. Ravichandran, A technique of constructing planar harmonic mappings and their properties, Kodai Mathematical Journal, Vol. 40 (2017), no. 2, 278–288.
11. V. Ravichandran, and Shelly Verma, Estimates for inverse coefficents of certain analytic functions, Filomat, Volume 31 (2017) no. 11, 3539-3552.
12. V. Ravichandran and Shelly Verma, Generalized Zalcman conjecture for some classes of analytic functions, Journal of Mathematical Analysis and Applications, Volume 450 (2007), no. 1, 592-605.
13. Shelly Verma and V. Ravichandran, Radius problems for ratio of Janowski starlike functions with its derivative, Bulletin of the Malaysian Mathematical Sciences Society, Volume 40 (2017), no. 2, 819–840
14. Najla M Alarifi, Rosihan M Ali and V Ravichandran, Best bounds for the second Hankel determinant of the kth-root transform of analytic functions, Filomat, Volume 31 (2017), no. 2 , 227-245.
15. 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.
16. Nisha Bohra, and V. Ravichandran, Schwarzian derivative and Janowski convexity, Studia Universitatis Babeş-Bolyai Mathematica, Volume 62 (2017), no. 2, 197-204.
17. Kanika Sharma and V. Ravichandran, Applications of subordination theory to starlike functions, Bulletin of the Iranian Mathematical Society, Vol. 42 (2016), no. 3, pp. 761-777.
18. 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 .
19. Kanika Sharma and V. Ravichandran, Applications of theory of differential subordination of functions with fixed initialcoefficient, Journal of Classical Analysis, Volume 8, Number 2 (2016), 113–121.
20. Naveen Kumar Jain, V. Ravichandran and Kanika Sharma, Starlike functions associated with a cardioid, Afrika Mathematica, Volume 27(2016), Issue 5, pp 923–939.
21. Sushil Kumar and V. Ravichandran, A subclass of starlike functions associated with a rational function, Southeast Asian Bulletin of Mathematics, 40(2) (2016), 199–212.
22. Sushil Kumar, Sumit Nagpal, and V. Ravichandran, Coefficient inequalities for Janowski starlikeness, Proceedings of the Jangjeon Mathematical Society, Volume 19 (2016), no. 1, 83-100.
23. Kanika Sharma and V. Ravichandran, Sufficient conditions for Janowski starlike functions, Studia Universitatis Babeş-Bolyai Mathematica, 61(2016), no. 1, 63–76.
24. Kanika Khatter, V. Ravichandran and S. Sivaprasad Kumar, Estimates for initial coefficients of certain starlike functions with respect to symmetric points, Applied Analysis with Applications in Biological and Physical Sciences, Springer 2016,

385–395.

25. V. Ravichandran and Shelly Verma, Bound for the fifth coefficient of certain starlike functions, Comptes rendus Mathematique, Volume 353 (2015) no. 6, 505–510.
26. Sumit Nagpal and V. Ravichandran, Convolution Properties of harmonic Koebe function and its connection with 2-starlike mappings, Complex Variables and Elliptic Equations, Vol. 60 (2015), no. 2, 191–210.
27. Rajni Mendiratta, Sumit Nagpal and V. Ravichandran, On a subclass of strongly starlike functions associated with exponential function, Bulletin of the Malaysian Mathematical Sciences Society, Volume 38 no. 1 (2015), 365-386
28. Rosihan M. Ali, Saiful R. Mondal, and V. Ravichandran, On the confluent hypergeometric function and Janowski convexity and starlikeness, Bulletin of the Belgian Mathematical Society - Simon Stevin, Volume 22, Number 2 (2015), 227-250.
29. V. Ravichandran and Kanika Sharma, Sufficient conditions for starlikeness, Journal of the Korean Mathematical Society, Volume 52, no. 4 (2015), pp. 727–749.
30. Rajni Mendiratta, Sumit Nagpal and V. Ravichandran, Second-order differential superordination for analytic functions with fixed initial coefficient, Southeast Asian Bulletin of Mathematics, 39 (2015), no. 6, 851-864 .
31. Lee See Keong, V. Ravichandran, Shamani Supramaniam, Close-to-convexity and starlikeness of analytic functions, Tamkang Journal of Mathematics, Volume 46, Number 2, 111-119, June 2015.
32. Rajni Mendiratta, Sumit Nagpal and V. Ravichandran, Radii of starlikeness and convexity for analytic functions with fixed second coefficient satisfying certain coefficient inequalities, Kyungpook Mathematical Journal, Volume 55 (2015), No. 2, 395-41.

33. V. Ravichandran, Om P. Ahuja, and Rosihan M. Ali (Guest Editors), Analytic and Harmonic Univalent Functions, Special Issue of Abstract and Applied Analysis, Hindawi, 2014.
34. Sumit Nagpal and V. Ravichandran, Starlikeness, convexity and close-to-convexity of harmonic mappings, Current Topics in Pure and Computational Complex Analysis (M. Dorff, S. B. Joshi, I. Lahiri, eds), Trends in Mathematics, 2014, pp. 201-214.
35. Rajni Mendiratta, Sumit Nagpal and V. Ravichandran, A subclass of starlike functions associated with left-half of the lemniscate of Bernoulli, International Journal of Mathematics, Vol. 25 (2014), No. 9, 1450090 (17 pages).
36. Om P. Ahuja, Sumit Nagpal and V. Ravichandran, Radius constants for functions with the prescribed coefficient bounds, Abstract and Applied Analysis, Volume 2014 (2014), Article ID 454152, 12 page.
37. Sumit Nagpal and V. Ravichandran, Univalence and convexity in one direction of the convolution of harmonic mappings, Complex Variables and Elliptic Equations, Volume 59 (2014), no 9, pp. 1328-1341
38. Sumit Nagpal and V. Ravichandran, Construction of subclasses of univalent harmonic mappings, Journal of the Korean Mathematical Society, Volume 51 (2014), no. 3, 567—59.
39. V. Ravichandran, Radii of starlikeness and convexity of analytic functions satisfying certain coefficient inequalities, Mathematica Slovaca, Volume 64 (2014), no. 1, pp. 27-38.
40. Sumit Nagpal and V. Ravichandran, A subclass of close-to-convex harmonic mappings, Complex Variables and Elliptic Equations, Volume 59 (2014), no. 2, pp. 204-216.
41. Lee See Keong, V. Ravichandran, Shamani Supramaniam, Initial coefficients of bi-univalent functions, Abstract and Applied Analysis, Volume 2014 (2014), Article ID 640856, 6 pages.
42. Rosihan M. Ali, Moradi Nargesi Mahnaz, V. Ravichandran, Radius constants for analytic functions with fixed second coefficient, The Scientific World Journal, Volume 2014 (2014), Article ID 898614, 6 pages.
43. Sumit Nagpal and V. Ravichandran, A comprehensive class of harmonic functions defined by convolution and its connection with integral transforms and hypergeometric functions, Studia Universitatis Babeş-Bolyai Mathematica, Volume 59(2014), no. 1, 41–55.
44. Nurshamimi Binti Salleh, Rosihan M. Ali and V. Ravichandran, Admissible second-order differential subordinations for analytic functions with fixed initial coefficient, AIP Conf. Proc. 1605 (2014), 655-660.

45. Sumit Nagpal and V. Ravichandran, Fully starlike and fully convex harmonic mappings of order α, Annales Polonici Mathematici, 108 (2013), 85-107
46. Rajni Mendiratta and V. Ravichandran, Livingston problem for close-to-convex functions with fixed second coefficient, Jñānābha, Volume 43 (2013), 107-122.
47. Rosihan M. Ali, Naveen Kumar Jain and V. Ravichandran, On the largest disc mapped by sum of convex and starlike functions, Abstract and Applied Analysis, Volume 2013 (2013), Article ID 682413, 12 pages.
48. Rosihan M. Ali, Naveen 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.
49. Rosihan Ali, Moradi Nargesi Mahnaz and V. Ravichandran, Convexity of integral transforms and duality, Complex

Variables and Elliptic Equations, Vol. 58 (2013), no. 11, 1569–1590.

50. Rosihan M. Ali, Saiful R. Mondal, and V. Ravichandran, Zero-free approximants to derivatives of prestarlike functions, Journal of Inequalities and Applications, Volume 2013 (2013), Art. 401.
51. S. Sivaprasad Kumar, Virendra Kumar, V. Ravichandran and Nak Eun Cho, Sufficient Conditions for Starlike Functions Associated with the Lemniscate of Bernoulli, Journal of Inequalities and Applications, Volume 2013 (2013) Art. 176, 13pp.
52. Lee See Keong, V. Ravichandran, Shamani Supramaniam, Bounds for the second Hankel determinant of certain univalent functions, Journal of Inequalities and Applications, Volume 2013 (2013) Art. 281, 17pp.
53. Rosihan M. Ali, Moradi Nargesi Mahnaz, V. Ravichandran, Coefficient inequalities for starlikeness and convexity, Tamkang Journal of Mathematics, Vol. 44 (2013), no. 2, 149-162.
54. Lee See Keong, V. Ravichandran, Shamani Supramaniam, Applications of differential subordination for functions with fixed second coefficient to geometric function theory, Tamsui Oxford Journal of Information and Mathematical Sciences, Volume 29(2013), no. 2, 267-284.
55. Rosihan M. Ali, Moradi Nargesi Mahnaz, V. Ravichandran, A. Swaminathan, Inclusion criteria for subclasses of functions and Gronwall's inequality, Tamsui Oxford Journal of Information and Mathematical Sciences, Volume 29(2013), no. 1, 61-75.
56. S. Sivaprasad Kumar, Virendra Kumar, and V. Ravichandran, Subordination and superordination for multivalent functions defined by linear operators, Tamsui Oxford Journal of Information and Mathematical Sciences, Volume 29(2013), no. 3, 361-387.
57. S. Sivaprasad Kumar, Virendra Kumar and V. Ravichandran, Estimates for the initial coefficients of bi-univalent functions, Tamsui Oxford Journal of Information and Mathematical Sciences, 29(4) (2013) 487-504.

58. Sumit Nagpal and V. Ravichandran, Applications of theory of differential subordination for functions with fixed initial coefficient to univalent functions, Annales Polonici Mathematici, 105 (2012), 225-238.
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60. Rosihan M. Ali, Nak Eun Cho, Naveen 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.
61. Rosihan M. Ali, Naveen 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.
62. Rosihan M. Ali, Nak Eun Cho, Oh Sang Kwon, and V. Ravichandran, A first order differential double subordination with applications, Applied Mathematics Letters, Vol. 25 (2012), Pages 268-274.
63. Rosihan M. Ali, Lee See Keong, V. Ravichandran, Shamani Supramaniam, Coefficient estimates for bi-univalent Ma-Minda starlike and convex functions, Applied Mathematics Letters, Vol. 25 (2012), Pages 344-351.
64. Rosihan M. Ali, Abeer O. Badghaish, V. Ravichandran,and A. Swaminathan, Starlikeness of integral transforms and duality, Journal of Mathematical Analysis and Applications, Volume 385, Issue 2, (2012), Pages 808-822

65. Nak Eun Cho, Oh Sang Kwon, and V. Ravichandran, Coefficient, distortion and growth inequalities for certain close-to-convex functions, Journal of Inequalities and Applications, Volume 201, Article 100, 2011.
66. Rosihan M. Ali, R.Chandrashekar, Lee See Keong and V. Ravichandran, Convolutions of meromorphic multivalent functions with respect to n-ply symmetric conjugate points, *Applied Mathematics and Computations,* Volume 218, Issue 3, (2011) Pages 723-728.
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69. Rosihan M. Ali, R. Chandrashekar, S. K. Lee, V. Ravichandran, and A. Swaminathan, Differential sandwich theorem for multivalent meromorphic functions associated with Liu-Srivastava operator, Kyungpook Mathematical Journal, Vol. 51 No 2 (2011), 217-232.
70. Rosihan M. Ali, Nak Eun Cho, Oh Sang Kwon, and V. Ravichandran, Subordination and superordination for multivalent functions associated with the Dziok-Srivastava operator, Journal of Inequalities and Applications, Volume 2011 (2011), Article ID 486595, 17 pages
71. Rosihan M. Ali, and V. Ravichandran, Integral operators on the classes of multivalent Ma-Minda starlike and convex functions, Mathematical and Computer Modelling, Volume 53 (2011) 581–586.
72. Rosihan M. Ali, R. Chandrashekar, V. Ravichandran, Janowski starlikeness for a class of analytic functions, Applied Mathematics Letters, Volume 24, Issue 4, April 2011, Pages 501-505 .

73. V. Ravichandran, and S. Sivaprasad Kumar Argument estimate for starlike functions of reciprocal order, The Southeast Asian Bulletin of Mathematics, Volume 35, (2011) pages 837–843.
74. Rosihan M. Ali, R.Chandrashekar, S. K. Lee,V. Ravichandran, and A. Swaminathan, Differential sandwich theorem for multivalent analytic functions associated with Dziok-Srivastava operator, Tamsui Oxford Journal of Mathematical Sciences, Volume 27 No 3 (2011), pages 327-350.
75. Rosihan M. Ali, Maisarah Haji Mohd, Lee See Keong, and V. Ravichandran, Radii of starlikeness, parabolic starlikeness and strong starlikeness for Janowski starlike functions with complex parameters, Tamsui Oxford Journal of Mathematical Sciences, Volume 27 No 3 (2011), pages 253-267.
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86. Rosihan M. Ali, Lee See Keong, V. Ravichandran, Shamani Supramaniam, Convolution and differential subordination for multivalent functions, Bulletin of the Malaysian Mathematical Sciences Society (2), 32(3) (2009), 351-360.
87. Maisarah Haji Mohd, Rosihan M. Ali, Lee See Keong and V. Ravichandran, Subclasses of meromorphic functions associated with convolution, Journal of Inequalities and Applications, Volume 2009 (2009), Article ID 190291, 10 pages.
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91. S. Sivaprasad Kumar, V. Ravichandran, H. C. Taneja, Differential sandwich theorems for linear operators, International Journal of Mathematical Modeling, Simulation and Applications, Vol. 2 No. 4 (2009), pp. 490-507.
92. Rosihan M. Ali, V. Ravichandran, N. Seenivasagan, Differential subordination and superordination associated with Schwarzian derivatives, Journal of Inequalities and Applications, vol. 2008, Article ID 712328, 18 pages, 2008
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3.

a) Research papers published in Academic Journals other than Refereed/Peer Reviewed Journals

b) Research papers published in Refereed/Peer Reviewed Conferences

1. Narayanan Srinivasan, V. Ravichandran, J R Vidya, S Ramakrishnan, S M Krishan, Exponentiated back-propagation algorithm for multi-layer neural networks, Proceedings of the 9th International Conference on Neural Information Processing (ICONIP'O2) , Vol. 1 (Lip0 Wang, Jagath C. Rajapakse, Kunihiko Fukushima, Soo-Young Lee, and Xm Yao (Editors), November 18-22, Singapore, 2002), 327-331.
2. V. Ravichandran, S. Sivaprasad Kumar and R. Usha, Meromorphic starlike functions with positive coefficients associated with parabolic regions,*Proceeding of the Symposium on Geometric Function Theory -- 2002*, Chennai, 2002, pp. 33--40.
3. V. Ravichandran and N. Marikkannan, Functions with negative coefficients defined by convolution, *Proceeding of the Symposium on Geometric Function Theory -- 2002*, Chennai, 2002, pp. 49--56.

4. V. Ravichandran, C. Selvaraj, Rajalakshmi Rajagopal, On certain functions defined by Ruscheweyh derivatives, *Proceeding of the Symposium on Geometric Function Theory -- 2002*, Chennai, 2002, pp. 57--62.
5. N. Gunasekaran and R. Ramachandran and V Ravichandran, Performance analysis of the bidirectional associative memories, *Proceeding of ECCAP-2000*, (Ed.Vedam Subramanyam), Allied, Chennai,2002, pp 47-52.
6. N. Gunasekaran, R. Ramachandran and V Ravichandran, On the stability of state vectors in bidirectional associative memories, *Proceedings of the National Conference on Neural Networks and Fuzzy System*, 23-25 July 2001, Madras, (Ed. K. M. Mehata), 2001, pp. 228-234.
7. T. N. Shanmugam and V. Ravichandran, Certain subclasses of close-to-convex functions, *Proceeding of the Indian Society of Industrial and Applied Mathematics Conference*, Madras, pp E61-7.
8. T. N. Shanmugam and V. Ravichandran, Uniformly convex functions, *Proceedings of II Annual Conference of Tamil Nadu Science Congress*, Chennai, 1994 (in Tamil).

c) Research papers Published in Conferences/Seminar other than Refereed/Peer Reviewed Conferences

4. Other publications (Edited works, Book reviews, Festschrift volumes, etc.)

1. Rosihan M. Ali, V. Ravichandran, Proceedings of the 2nd IMT-GT Regional Conference on Mathematics, Statistics and Applications Vol I: Pure Mathematics, (June 13-15, 2006, Penang, Malaysia), Universiti Sains Malaysia, 2006. ISBN 983-3391-86-9 (v. I) (Also co-edited the electronic proceedings consisting of all papers).
2. Rosihan M. Ali, Anton Abdulbasah Kamil, Adam Baharum, Adli Mustafa, Ahmad Izani Md. Ismail, V. Ravichandran,Proceedings of the 2nd National Conference on Graphing Calculators, (Oct 4-6, 2004, Penang, Malaysia), Penerbit Universiti Sains Malaysia, 2004. ISBN 983-2514-70-3.
3. V. Ravichandran, N Marikkannan, B Srutha Keerthi, A Vijayalakshmi, Mathematics for Engineers, D D Publications, Chennai, (2002).
4. V. Ravichandran, N Marikkannan, Proceeding of the Symposium on Geometric Function Theory -- 2002, Chennai, 2002
5. V. Ravichandran et al., Proceeding of the workshop on Graph Theory and Networks, 2000, Chennai.

Conference Organization/ Presentations (in the last three years)

List against each head(If applicable)

1. Organization of a Conference

1. Chairman, National Conference on Algebra, Analysis, Coding and Cryptography, Department of Mathematics, University of Delhi, October 14-15, 2016.
2. Course Coordinator, 3 Weeks Refresher Courses in Mathematical Sciences, Centre for Professional Development in Higher Education, University of Delhi, Delhi, August 30, 2016 to September 20, 2016/ 6th June 2017 to 27th June 2017
3. Convenor, Symposium on Complex Function Theory, 29th Annual Conference of the RMS, 23-27 June 2014.
4. Organizing Secretary, National Meet on History of Mathematical Sciences, University of Delhi, 7–9 January 2010.
5. Chairperson, Organizing Committee, AICTE Sponsored Staff Development Programme on "Soft Computing using MATLAB and LATEX at a Glance", 17-18 December 2009, Delhi Technological University.
6. Course Coordinator, Refresher Course (3 week) in Mathematics, Centre for Professional Development in Higher Education, University of Delhi, Delhi, January 27 – February 16, 2009.
7. Coordinator, Pre-ICM International Convention on Mathematical Sciences Department of Mathematics, University of Delhi, 18-20 December 2008.
8. Organizer for the Symposium on Geometric Function Theory (conducted as part of Pre-ICM International Convention on Mathematical Sciences), Department of Mathematics, University of Delhi, 18-20 December 2008.
9. Member of the organizing committee, International Conference on Operator Theory and Related Areas, University of Delhi, January 9 - 12, 2008
10. Member of the organizing committee and editor of the proceedings, Second IMT-GT Conference on Mathematics, Statistics and Their Applications, The Gurney Hotel in Penang from June 13 - 15, 2006.
11. Member of the organizing committee and editor of the proceedings, Second National Conference on Graphing Calculators, 4-6 October 2004, The Gurney Hotel, Penang
12. Organizer and editor of the proceedings, One day symposium on geometric function theory, Department of Mathematics and Department of Computer Applications, Sri Venkateswara College of Engineering, December 2002.

2. Participation as Paper/Poster Presenter

Research Projects (Major Grants/Research Collaboration)

1. "Scheme to Strengthen R & D Doctoral Research Program by Providig Funds to University Faculty", University of Delhi. 2008-09: Rs. 1,00,000; 2009-10: Rs. 1,00,000; 2012-13, Rs. 50 000; 2013-14, Rs. 1,50,000; 2014-15 Rs. 1,20,000.
2. Certain linear operator defined by recurrence relations and applications, Principal investigator, Short-term grant No. USM.17/SB(0)/PS/304/MATHS/636116, Universiti Sains Malaysia, December 2005 – November 2007, RM 13,039.75.
3. Bounds on polynomials in the coefficients of normalized analytic functions with positive real part and applications, Co-investigator, Intensification of Research in Priority Areas (IRPA) Grant No. 09-02-05-0020 EAR, Ministry of Science and Technology, Malaysia, July 2005 – April 2006. (Principal Investigator: Dato. Prof. Rosihan M. Ali, USM, Malaysia.)
4. On the Briot-Bouquet differential superordination and applications, Co-investigator, Fundamental Research Grant Scheme (FRGS), Ministry of Science and Technology (MOSTE), Malaysia. 2007- (Principal Investigator: Dato. Prof. Rosihan M. Ali, USM, Malaysia.)
5. Applications of differential subordination and superordination to functions associated with the generalized hypergeometric functions and the multiplier transform, Co-Investigator, Science Fund, Ministry of Science, Technology and Innovation, Malaysia.

Awards and Distinctions

Association With Professional Bodies

1. *Editing*
2. *Reviewing*
3. *Advisory*
4. *Committees and Boards*
5. *Memberships*
6. *Office Bearer*

Editor/Reviewer

1. Editor, Bulletin of the Malaysian Mathematical Sciences Society (2004-)
2. Editor, The Scientific World Journal: Mathematical Analysis, Hindawi Publishing Corporation (2013-2016)
3. Editor, Sutra - International Journal of Mathematical Science Education (2008-2011)
4. Lead Guest Editor, Special Issue on "Analytic and Harmonic Univalent Functions", Applied and Abstract Analysis, 2014
5. Reviewer, Mathematical Reviews (American Mathematical Society) (2004-)
6. Reviewer, Zentralblatt MATH (European Mathematical Society) (2004-)

Referee: for several national and international journals

Membership in Professional Bodies

- Member of Research Group in Mathematical Inequalities and Applications (RGMIA)
- Life Member of Indian Mathematical Society (IMS)
- Life Member of Ramanujan Mathematical Society (RMS)

Other Activities