Curriculum Vitae

Brief Profile. *Prof. V. Ravichandran has completed his graduate studies at National College, Trichy and obtained his Ph.D. degree from Anna University, Chennai. He started his carrier as Lecturer in 1996 and spent the period between 2004-2007 at Universiti Sains Malaysia where he was a Visiting Professor later during 2011-12. He joined as Reader at University of Delhi (DU) in 2007 and he was appointed as Professor there in 2014. When he was HoD of Mathematics, DU, as well as Chairman/GB, Shyama Prasad Mukherji College for Women, DU, he was offered Professor position at NIT-T. He has joined NIT-T on April 13, 2018. He has published more than 150 research papers. He has supervised 15 Ph.D. and 9 M.Phil. scholars. He is an editor of Bulletin of the Malaysian Mathematical Sciences Society.*

1. Name: **_V. Ravichandran_**

2. Designation: *Professor*

3. Office Address: *Department of Mathematics, NIT*

4. Telephone (Direct): *0431-250-3665*

5. Email(Primary): *ravic@nitt.edu*
   Email(Secondary) : *vravi68@gmail.com*

6. Field(s) of Specialization: *Complex Analysis*

7. Employment Profile

Job Title	Employer	From	To
Professor	NIT-T	13-03-2018	-
Professor	Univ. Delhi	22-01-2014	12-03-2018
Visiting Professor	Univ. Sains Malaysia	01-01-2011	31-12-2012
Associate Professor	Univ. Delhi	23-05-2010	21-01-2014
Senior Lecturer	Univ. Sains Malaysia	19-05-2005	18-05-2007
Post-doctoral Fellow	Univ. Sains Malaysia	15-07-2004	19-05-2005
Lect/Sr. Lect/Asst. Prof.	SVCE	07-02-1996	30-06-2004

8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
Ph.D.	Anna University	1997	-	Mathematics

M.Sc.	Bharathidasan University	1991	I	Mathematics
B. Sc.	Bharathidasan Univeristy	1989	I	Mathematics

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To
HoD	Math Dept/Univ Delhi	21-12-2015	12-03-2018
Chairman, GB	SPM College, Univ. Delhi	29-05-2017	11-03-2018

10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	To
Adjunct Professor	Shri Mata Vaishno Devi University, Katra, Jammu	Aug 2016	Aug 2018

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
	-	

12. Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)
	-			

13. Details of Academic Work

(i) Curriculum Development
- Member, Committee of Courses for Honours, Post-graduate and Research Studies in Mathematics, University of Delhi, December 1, 2008 – November 30, 2010

(ii) Courses taught at Postgraduate and Undergraduate levels

2017-18

- MATH14-301(i) Advanced Complex Analysis
- Math402(iv) Operators on Hardy-Hilbert Space
- Research Methodologhy (MPhil/PhD)

2016-17

- MATH14-301(i) Advanced Complex Analysis

- Math402(iv) Operators on Hardy-Hilbert Space
- Research Methodologhy (MPhil/PhD)

2015-16

- MATH14-101 Complex Analysis
- MATH14-301(i) Advanced Complex Analysis
- Math402(iv) Operators on Hardy-Hilbert Space
- Research Methodology (PhD)

2014-15

- Math402(iv) Operators on Hardy-Hilbert Spaces
- MATH301(i) Advanced Complex Analysis
- Geometric Function Theory(MPhil/PhD)

2013-14

- MATH202 Measure and Integration
- Math301(i) Advanced Complex Analysis/MSc (both semesters)
- Math101 Complex Analysis/MSc
- Geometric Function Theory/MPhil/PhD

2012-13

- Advanced Complex Analysis/MSc
- Topology/MSc

2011-12

- MGM511 Linear Algebra MSc
- MAA111 Algebra for Science Students/ BSc

2010-11

- MSS318 Discrete Mathematics/ BSc
- Topology/ MSc/PhD
- Complex Analysis/ MSc/PhD
- MAA111 Algebra for Science Students / BSc
- MATH101 Topology / MSc

2009-10

- MATH101 Topology   / MSc
- MATH103 Complex Analysis / MSc
- MATH202 Functional Analysis/ MSc
- Geometric Function Theory / MPhil/PhD

2008-09

- Course I: Topology   / MSc
- Course V: Complex Analysis-I / MSc
- Course VI: Functional Analysis   / MSc

2007-08

- Course III: Calculus on Rn   MSc
- Course V: Complex Analysis-I   MSc
- Course VI: Functional Analysis   MSc

2006-07

- MGM503 Combinatorics / MSc
- MSS318 Discrete Mathematics /   BSc
- MSS301 Complex Analysis   / BSc

2005-06

- MAA111E Linear Algebra (Both Odd/Even Semesters)   / BSc
- MSS301 Complex Analysis   / BSc

2003-04

- KCX Internet and its Applications /   MCA
- MA154 Mathematical Structures for Computer Science / MCA

2002-03

- Engineering Mathematics (Automobile Engineering/IIISem) /   BTech
- Discrete Mathematics (Computer Science/IV Sem) / BE
- MA154 Mathematical Structures for Computer Science   / MCA
- 83A Graph Theory (Information Technology/VIII Sem)   / BTech
- Artificial Neural Networks (Information Technology/VIII Sem) / BTech

2001-02

- ME401 Advanced Mathematics (Mechanical Engineering/IV) / BE
- 83A Graph Theory (Information Technology/VIII)   / BTech
- 5CA Discrete Mathematics (Comp.Sci. and Engg/V) /   BE
- IT301 Advanced Mathematics (Information Technology/III)/   BTech
- KTB Artificial Neural Networks   / MCA

2000-01

- 4ZA Engineering Mathematics(Mechanical Engineering/IV) / BE
- 83A Graph Theory (Information Technology/VIII)   / BTech
- 3ZJ Engineering Mathematics   / BE
- 5CA Discrete Mathematics (CSE)   / BE
- KTB Artificial Neural Networks   /MCA

1999-2000

- NRB Engineering Mathematics (G Batch) /   BE/BTech
- 4ZA Engineering Mathematics (EEE) / BE
- KBA Discrete Mathematical Structures   / MCA
- 3FA Engineering Mathematics (IT) / BTech
- 3ZJ Engineering Mathematics (Lateral Entry)   / BE/BTech

1998-1999

- 4ZA   Engineering Mathematics (IV Sem/BE   Mechanical Engineering)
- 4ZA   Engineering Mathematics (IV Sem/BE   Electrial and Electronics Engg)
- 5CA   Discrete MathematicalStructures (BE/V Sem   Computer Science and Engineering)
- 3ZA   Engineering Mathematics (BE/ III Sem   EEE)
- 3ZA   Engineering Mathematics (BE/ III Sem   Mech)

1997-1998

- NRB   Engineering Mathematics (BE/BTech II Sem   B Batch)
- NRB   Engineering Mathematics (BE/BTech II Sem   H Batch)
- 3ZA   Engineering Mathematics (BE/III Sem   Electrical and Electronics Engineering)
- NRB   Engineering Mathematics (BE/BTech I Sem   B Batch)
- NRB   Engineering Mathematics (BE/BTech I Sem   I Batch)

1996-1997

- NRB   Engineering Mathematics (BE/BTech II Sem   B Batch)
- NRB   Engineering Mathematics   (BE/BTech II Sem   I Batch)
- 5CA   Discrete Mathematics (BE/V Sem   CSE)
- NRB   Engineering Mathematics (BE/BTech I Sem   B Batch)

(iii) Projects guided at Postgraduate level

M Phil

- Adiba Naz, M.Phil. (2017-), University of Delhi, in progress: coursework
- Mansi Sharma, M.Phil (2016-), University of Delhi, (Nonvanishing divided difference of order N)
- Neeru Bala, M.Phil (2015-16), University of Delhi, (Univalence of integral operators).
- Prachi Gupta, MPhil (2014-16), University of Delhi, (Functions with positive real part).
- Abdul Wakil Baidar, M. Phil (2014-16), (International Student from Afghanistan), University of Delhi, (First order differential subordinations for starlike functions).
- Soma Das, MPhil (2013-14), University of Delhi (Univalent Functions with Negative Coefficients)
- Sumit Nagpal, MPhil (2009-10), University of Delhi (First and Second Order Differential Subordinations and Radius Problems for Caratheodary Functions)
- Chandrashekhar, MPhil (2008-09) University of Delhi (Sufficient Conditions for Univalency, Starlikeness and Convexity of Analytic Functions)

- Mukesh Aggarwal, MPhil (2007-08) University of Delhi (Properties of Uniformly Starlike and Uniformly Convex Functions)
- Bikram Singh, MPhil, University of Delhi, (2007-2008) (Radii of Univalence, Convexity, and Starlikeness of Analytic Functions)

M Sc

- Shamani Supramanian, MSc (by Research), (field-supervisor) Universiti Sains Malaysia, 2007-2009 (Convolution and coefficient problems for multivalent functions defined by subordination) (Best MSc Thesis 2009, awarded by the Malaysian Mathematical Sciences Society, December 8, 2010)
- Maisarah Hj Mohamd, MSc (by Research), (field-supervisor) Universiti Sains Malaysia, 2007-2009 (Convolution, coefficient and radius problems of certain univalent functions)
- Chandra Shekar, MSc (Mixed Mode), Universiti Sains Malaysia, 2007 (Applications of first order differential subordination to univalent function theory)

(iv) Other contribution(s)

- At the University of Delhi
  1. Member, University Court
  2. Member, Academic Council
  3. Member, Standing Committee on Academic Matters of the Academic Council (06/06/2017-)
  4. Member, Bussiness Advisory Committee of the Academic Council (06/06/2017-)
  5. Chairman (May 29, 2017–April 11, 2018)/Member (May 27, 2017-May 26, 2018), Governing Body, Shyama Prasad Mukherji College for Women, University of Delhi
  6. Member, Technical Advisory Committee, Delhi University Computer Center, 8/12/2017--
  7. Member, Board of Research Studies in Mathematical Sciences
  8. Member, Inspection committee for introduction of UG coures of Faculty of Mathematical Sciences
  9. Member (VC Nominee), Departmental Research Committee, Department of Statistics, 2014-2016.
  10. Member (VC Nominee), Departmental Research Committee, Department of Computer Science, DU (26/10/2016-25/10/2018)
  11. Member, Faculty, Faculty of Mathemaitcal Sciences
- At Department of Mathematics, University of Delhi
  1. Member, Department Research Committee (Mathematics)
  2. Member, M.Phil Comitteee (Mathematics)
  3. Deputy Superintendent of Examination, Internal Assessment Examination of MA/MSc, January 9 - 19, 2009.
  4. Deputy Superintendent of Examination, MA/MSc Part I & II Examination, April 9 - , 2009.
  5. Member, Committee of Courses for Honours, Post-graduate and Research Studies in Mathematics, December 1, 2008 – November 30, 2010.
  6. Coordinator to help Physically Challenged Students.
  7. Nodal Officer for Delhi University Smoke Free Project, July 2008 –.

- Examiner for PhD/MPhil dissertations of Bangalore University/Kakatiya University/Madurai Kamaraj University/Mother Teresa Womens University/ Bharathidasan University/ Berhampur University/Maharishi Markandeshwar

University/SRM University/Shri Mata Vaishno Devi University/University of Delhi/University of Madras/University of Jammu/University of Kalyani/University of Lucknow

- Member, Faculty Selection Committees for some colleges/universities/institutes.
- Member of Board of Studies in Mathematics, Jai Prakash Univeristy, Bihar (2015)
- Member, Joint Consultative Group for establishing a Centre for Social Applications of Mathematics, Ambedkar Univeristy, Delhi (2015)
- Member of the Advisory Committee, International Conference on Mathematical Analysis & its Applications (ICMAA 2016), Department of Mathematics, Indian Institute of Technology Roorkee, November 28 - December 02, 2016.
- Member of the Advisory Committee, International Conference on Data ware-housing, Data Mining and Networking, October 4-6, 2007, Jayaram College of Engineering and Technology, Tamil Nadu
- Member of the Evaluation Committee for research proposals in Mathematics and Computer Science submitted to Fundamental Research Grants, Universiti Sains Malaysia, 2006 & 2007
- Member of Subcommittee to develop Online Journal Management System, Universiti Sains Malaysia
- Member of Board of Studies in Mathematics, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya (Deemed University), Kancheepuram
- Additional Chief Superintendent for University Examinations at SVCE
- Examiner for under graduate Engineering Mathematics papers, Madras University
- Question paper setter for three deemed universities
- Chief-Examiner, MCA papers, Anna University
- Anna University Representative for Anna University Engineering Examinations
- Core-team member, ISO9001:2000 at SVCE
- Qualified internal quality auditor for QMS
- Member of Institute Industry Interaction Cell, SVCE
- Member of the College Consultancy Cell, SVCE
- System Administrator for DEC Unix workstation, Debian Linux servers providing internet and intranet services

14. Details of Minor R&D Projects

Title of Project	Funding Agency	Duration		Status
		From	To	Ongoing/ Completed
Subclass of Univalent Starlike and Convex Functions	University of Delhi	2014	2015	Completed
Radius problems for starlike and convex univalent functions	University of Delhi	2013	2014	Completed
Geometric properties of harmonic univalent functions	University of Delhi	2012	2013	Completed
Linear operators associated with univalent and multivalent functions	University of Delhi.	2008	2010	Completed
Certain linear operator defined by recurrence relations and applications	Universiti Sains Malaysia	2005	2007	Completed

15. Number of PhDs guided

Name of the PhD Scholar	Title of PhD Thesis	Role	Year of Award
Shweta Gandhi	Subordination for Starlike Functions	Supervisor	Submitted
Subzar Ahmad Beig	Convolution and Linear Combinations of Harmonic Mappings	Supervisor	Submitted
Nisha Bohra	Geometric properties of univalent, bi-univalent and some special functions	Supervisor	Submitted
Shelly Verma	Coefficient and radius estimates of normalized analytic functions	Supervisor	2017
Kanika Khatter	Coefficient Estimates and Subordination for Univalent Functions	Co-supervisor	Submitted
Kanika Sharma	Differential subordination criteria for starlike functions	Supervisor	2016
Sushil Kumar	Coefficient estimates and subordination for univalent functions	Supervisor	2016
Rajni Kapoor/ Mendiratta	Subordination and radius problems for some classes of univalent functions	Supervisor	2014
Sumit Nagpal	Close-to- convex planar harmonic univalent mappings	Supervisor	2013
Naveen Jain	Radius constants for geometric properties of univalent functions	Supervisor	2013
Shamani S	Differential subordination and coefficient problems for certain analytic functions	Field Supervisor	2014
Mahnaz M Nargesi	Inclusion properties of linear operators and analytic functions	Field Supervisor	2013
Chandra Shekar	Subordination and convolution of analytic, meromorphic and harmonic functions	Field Supervisor	2012
Abeer O Badghaish	Subordination and convolution of multivalent functions and starlikeness of integral transforms	Field Supervisor	2011
N Seenivasagan	Differential subordination and superordination for analytic and meromorphic functions defined by linear operators	Co-supervisor	2007

16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event	Role	Event Organized by	Venue
May 14-16, 2015.	24th Annual Conference of The Jammu Mathematical Society and a National Seminar on Topological Algebraic Analysis	National	Invited Talk	Jammu Mathematical Society	Jammu University
May 30–31, 2012	2nd Regional Conference on Applied and Engineering Mathematics 2012 (RCAEM-II 2012)	Regional	Keynote Speaker	Universiti Malaysia Perlis	Penang, Malaysia
July 21–23, 2011	The 7th International Conference on Mathematics, Statistics and its	Inter-national	Invited Speaker	National Institute of	Bangkok, Thailand

			Development Administration	
Applications (ICMSA 2011) "Intelligent Solutions through Mathematics and Statistics"				

17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor) **(Selected)**

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue
International Conference on Topology and Geometry (ICTG-2017) in the Honor of Prof. Tej Bahadur Singh on the occasion of his retirement	International	November 23-24, 2017	Chairman	University of Delhi
3 Weeks Refresher Course in Mathematical Sciences	National	June 6, 2017 - June 27, 2017	Course Coordinator	CPDHE, University of Delhi
National Conference on Algebra, Analysis, Coding and Cryptography in honor of Prof. Bal Kishan Dass on the occasion of his retirement	National	October 14-15, 2016.	Chairman	University of Delhi
3 Weeks Refresher Course in Mathematical Sciences	National	August 30, 2016 to September 20, 2016	Course Coordinator	CPDHE, University of Delhi
Symposium on Complex Function Theory, 29th Annual Conference of the RMS	National	23-27 June 2014	Convenor	IISER, Pune
National Meet on History of Mathematical Sciences	National	7–9 January 2010	Organizing Secretary	University of Delhi

18. Invited Talks delivered

Topic	Date	Inviting Organization

19. Membership of Learned Societies

Type of Membership	Organization	Membership No. with date
Life Member	Indian Mathematical Society	R-93-072
Life Member	Ramanujan Mathematical Society	290
Life Member	Bharata Ganita Parisad	2018/1

20. Academic Foreign Visits

Country	Duration of Visit	Programme
South Korea	June 3-9, 2012; July 26, 2010 – August 8, 2010; December 8 –14, 2009	Visiting Professor to Pukyong National University
Malaysia	Jan 1, 2011 - Dec 31, 2012; May 21, 2010 – July 17, 2010	Vising Professor to Universiti Sains Malaysia

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Vol.	Page numbers	Year	Impact Factor
Beig, S. and Ravichandran, V.	Directional convexity of harmonic mappings	Bulletin of the Malaysian Mathematical Sciences Society	41	1045-1060	2018	
Bohra, N. and Ravichandran, V.	Radii Problems for Normalized Bessel Functions of First Kind	Computational Methods and Function Theory	18	99-123	2018	
Cho, N.E., Kumar, S. Kumar, V and Ravichandran,V.	Differential subordination and radius estimates for starlike functions associated with the Booth lemniscate	Turkish Journal of Mathematics	42	1380-1399	2018	
Cho, N., Kumar, V., Kumar, S. and Ravichandran, V.	Radius problems for starlike functions associated with the sine function	Bulletin of the Iranian Mathematical Society			2018	
Kumar, S. and Ravichandran, V.	Subordinations for functions with positive real part	Complex Analysis and Operator Theory	12	1179-1191	2018	
Ahuja, O.P., Nagpal, S., Ravichandran, V. and others	A technique of constructing planar harmonic mappings and their properties	Kodai Mathematical Journal	40	278-288	2017	
Alarifi, N.M., Ali, R.M. and Ravichandran, V.	On the Second Hankel Determinant for the kth-Root Transform of Analytic Functions	Filomat	31	227-245	2017	
Ali, R.M., Kumar, V., Ravichandran, V. and Kumar, S.S.	Radius of Starlikeness for Analytic Functions with Fixed Second Coefficient	Kyungpook Mathematical Journal	57	473-492	2017	
Bohra, N. and Ravichandran, V.	On confluent hypergeometric functions and generalized Bessel functions	Analysis Mathematica	43	533-545	2017	

Bohra, N. and Ravichandran, V.	Schwarzian derivative and Janowski convexity.	Studia Universitatis Babes-Bolyai, Mathematica	62		2017	
Cho, N.E., Jain, N.K. and Ravichandran, V.	Convex combination of analytic functions	Open Mathematics	15	331-339	2017	
Khatter, K., Ravichandran, V. and Kumar, S.S.	Starlike functions associated with exponential function and the lemniscate of Bernoulli	Revista de la Real Academia de Ciencias Exactas, F\isicas y Naturales. Serie A. Matemáticas		1-21	2017	
Khatter, K., Ravichandran, V. and Kumar, S.S.	Third Hankel determinant of starlike and convex functions	The Journal of Analysis		1-12	2017	
Kumar, S. and Ravichandran, V.	Functions Defined by Coefficient Inequalities	Malaysian Journal of Mathematical Sciences	11	365-375	2017	
Kumar, S., Ravichandran, V. and Verma, S.	Initial coefficients of starlike functions with real coefficients	Bulletin of the Iranian Mathematical Society	43	1837-1854	2017	
Ravichandran, V. and Verma, S.	Generalized Zalcman conjecture for some classes of analytic functions	Journal of Mathematical Analysis and Applications	450	592-605	2017	
Verma, S. and Ravichandran, V.	Radius Problems for Ratios of Janowski Starlike Functions with Their Derivatives	Bulletin of the Malaysian Mathematical Sciences Society	40	819-840	2017	
Gandhi, S. and Ravichandran, V.	Starlike functions associated with a lune	Asian-European Journal of Mathematics			2016	
Khatter, K., Ravichandran, V. and Kumar, S.S.	Estimates for initial coefficients of certain starlike functions with respect to symmetric points	Applied Analysis in Biological and Physical Sciences		385-395	2016	
Kumar, S. and Ravichandran, V.	A Subclass of Starlike Functions Associated With a Rational Function.	Southeast Asian Bulletin of Mathematics	40		2016	
Sharma, K. and Ravichandran, V.	Applications of subordination theory to starlike functions	Bulletin of the Iranian Mathematical Society	42	761-777	2016	
Sharma, K. and Ravichandran, V.	Applications of theory of differential subordination of functions with fixed initial coefficient	Analysis	8	113-121	2016	
Sharma, K., Jain, N.K. and	Starlike functions associated with a cardioid	Afrika Matematika	27	923-939	2016	

Ravichandran, V.						
Sharma, K. and Ravichandran, V.	Sufficient conditions for Janowski starlike functions.	Studia Universitatis Babes-Bolyai, Mathematica	61		2016	
Ali, R.M., Mondal, S.R., Ravichandran, V. and others	On the Janowski convexity and starlikeness of the confluent hypergeometric function	Bulletin of the Belgian Mathematical Society-Simon Stevin	22	227-250	2015	
Lee, S.K., Ravichandran, V. and Supramaniam, S.	Close-to-convexity and Starlikeness of Analytic Functions	Tamkang Journal of Mathematics	46	111-119	2015	
Mendiratta, R., Nagpal, S. and Ravichandran, V.	On a Subclass of Strongly Starlike Functions Associated with Exponential Function	Bulletin of the Malaysian Mathematical Sciences Society	38	365-386	2015	
Nagpal, S. and Ravichandran, V.	Convolution Properties of harmonic Koebe function and its connection with 2-starlike mappings	Complex Variables and Elliptic Equations	60	191-210	2015	
Rajni Mendiratta, S.N. and Ravichandran, V.	Radii of starlikeness and convexity for analytic functions with fixed second coefficient satisfying certain coefficient inequalities	Kyungpook Mathematical Journal	55	395-410	2015	
Ravichandran, V. and Verma, S.	Bound for the fifth coefficient of certain starlike functions	Comptes Rendus Mathematique	353	505-510	2015	
Ravichandran, V. and Sharma, K.	Sufficient conditions for starlikeness	Journal of the Korean Mathematical Society	52	727-749	2015	
Ahuja, O.P., Nagpal, S. and Ravichandran, V.	Radius Constants for Functions with the Prescribed Coefficient Bounds	Abstract and Applied Analysis	2014		2014	
Mendiratta, R., Nagpal, S. and Ravichandran, V.	A subclass of starlike functions associated with left-half of the lemniscate of Bernoulli	International Journal of Mathematics			2014	
Nagpal, S. and Ravichandran, V.	A comprehensive class of harmonic functions defined by convolution and its connection with integral transforms and hypergeometric functions	Studia Universitatis Babeş-Bolyai Mathematica			2014	
Nagpal, S. and Ravichandran, V.	Construction of subclasses of univalent harmonic	Journal of the Korean			2014	

	mappings	Mathematical Society				
Nagpal, S. and Ravichandran, V.	Starlikeness, convexity and close-to-convexity of harmonic mappings	Current Topics in Pure and Computational Complex Analysis		201-214	2014	
Nagpal, S. and Ravichandran, V.	Univalence and convexity in one direction of the convolution of harmonic mappings	Complex Variables and Elliptic Equations	59	1328-1341	2014	
Nargesi, M.M., Ali, R.M. and Ravichandran, V.	Radius Constants for Analytic Functions with Fixed Second Coefficient	The Scientific World Journal	2014		2014	
Ravichandran, V., Ahuja, O.P. and Ali, R.M.	Analytic and Harmonic Univalent Functions	Abstract and Applied Analysis	2014		2014	
Ravichandran, V.	Radii of starlikeness and convexity of analytic functions satisfying certain coefficient inequalities	Mathematica Slovaca			2014	
Ali, R.M., Nargesi, M.M. and Ravichandran, V.	Coefficient inequalities for starlikeness and convexity	Tamkang Journal of Mathematics	44	149-162	2013	
Ali, R.M., Nargesi, M.M. and Ravichandran, V.	Convexity of integral transforms and duality	Complex Variables and Elliptic Equations	58	1569-1590	2013	
Ali, R.M., Nargesi, M.M., Ravichandran, V. and Swaminathan, A.	Inclusion criteria for subclasses of functions and Gronwall's inequality	Tamsui Oxford Journal of Mathematical Sciences	29	61-75	2013	
Ali, R.M., Jain, N.K. and Ravichandran, V.	On the largest disc mapped by sum of convex and starlike functions	Applied and Abstract Analysis	2013	12 pages	2013	
Ali, R.M., Jain, N. and Ravichandran, V.	On the radius constants for classes of analytic functions	Bulletin of the Malaysian Mathematical Sciences Society (2)	36	23-38	2013	
Ali, R.M., Mondal, S.R. and Ravichandran, V.	Zero-free approximants to derivatives of prestarlike functions	Journal of Inequalities and Applications	2013	401	2013	
Keong, L.S., Ravichandran, V. and Supramaniam, S.	Applications of differential subordination for functions with fixed second coefficient to geometric function theory	Tamsui Oxford Journal of Mathematical Sciences	29	267-284	2013	
Kumar, S.S., Kumar, V. and Ravichandran, V.	Estimates for the initial coefficients of bi-univalent functions	Tamsui Oxford Journal of Information and Mathematical	29	487-504	2013	

		Sciences				
Kumar, S.S., Kumar, V. and Ravichandran, V.	Subordination and superordination for multivalent functions defined by linear operators	Tamsui Oxford Journal of Information and Mathematical Sciences	29	361-387	2013	
Kumar, S.S., Kumar, V., Ravichandran, V. and Cho, N.E.	Sufficient conditions for starlike functions associated with the lemniscate of Bernoulli	Journal of Inequalities and Applications	2013	1-13	2013	
Lee, S.K., Ravichandran, V. and Supramaniam, S.	Bounds for the second Hankel determinant of certain univalent functions	Journal of Inequalities and Applications	2013	281	2013	
Mendiratta, R. and Ravichandran, V.	Livingston problem for close-to-convex functions with fixed second coefficient	Jñānābha			2013	
Mendiratta, R., Nagpal, S. and Ravichandran, V.	Second-order differential superordination for analytic functions with fixed initial coefficient	Southeast Asian Bulletin of Mathematics			2013	
Nagpal, S. and Ravichandran, V.	Fully starlike and fully convex harmonic mappings of order α	Annales Polonici Mathematici	108	85-107	2013	
Ali, R.M., Lee, S.K., Ravichandran, V. and Supramaniam, S.	Coefficient estimates for bi-univalent Ma-Minda starlike and convex functions	Applied Mathematics Letters	25	344-351	2012	
Ali, R.M., Cho, N.E., Kwon, O.S. and Ravichandran, V.	A first-order differential double subordination with applications	Applied Mathematics Letters	25	268-274	2012	
Ali, R.M., Cho, N.E., Ravichandran, V. and Kumar, S.S.	First order differential subordinations for functions associated with the lemniscate of Bernoulli	Taiwanese Journal of Mathematics	16	1017-1026	2012	
Ali, R., Cho, N., Jain, N. and Ravichandran, V.	Radii of starlikeness and convexity of functions defined by subordination with fixed second coefficients	Filomat	26	553-561	2012	
Ali, R.M., Jain, N. and Ravichandran, V.	Radii of starlikeness associated with the lemniscate of Bernoulli and the left-half plane	Applied Mathematics and Computations	218	6557-6565	2012	
Ali, R.M., Badghaish, A.O., Ravichandran, V. and Swaminathan,	Starlikeness of integral transforms and duality	Journal of Mathematical Analysis and Applications	385	808-822	2012	

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Nagpal, S. and Ravichandran, V.	Applications of theory of differential subordination for functions with fixed initial coefficient to univalent functions	Annales Polonici Mathematici	105	225-238	2012	
Nagpal, S. and Ravichandran, V.	A subclass of close-to-convex harmonic mappings	Complex Variables and Elliptic Equations			2012	
Ravichandran, V.	Geometric properties of partial sums of univalent functions	Mathematics Newsletter	22	208-221	2012	
Ali, R.M., Chandrashekar, R., Lee, S.K., Ravichandran, V. and Swaminathan, A.	Differential sandwich theorem for multivalent analytic fucntions associated with the Dziok-Srivastava operator	Tamsui Oxford Journal of Mathematical Sciences	27		2011	
Ali, R.M. and Ravichandran, V.	Integral operators on Ma--Minda type starlike and convex functions	Mathematical and Computer Modelling	53	581-586	2011	
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Poornachandra, S., Ravichadran, V. and Kumaravel, N.	Mapping of discrete cosine transform (DCT) and discrete sine transform	IETE Journal of research	49	35-42	2003	

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(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
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	385–395			2016
Shanmugam T. N., and V. Ravichandran	Certain properties of uniformly convex functions	Computational Methods and Function Theory, (R. M. Ali, St. Ruscheweyh \& E. B. Saff (Eds)), World Scientific	319-324		Penang	1995

(C) Books & Monographs

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Rosihan M. Ali and V. Ravichandran	Complex Analysis	Penerbit Universiti Sains Malaysia	2007	978-983-3986-11-8