

CURRICULUM VITAE

Dr.Yamini J

Assistant Professor

Department of Mathematics

Government First Grade College

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EDUCATIONAL QUALIFICATION:

Degree	Subject & Specialization	University &Year
M.Sc.	Mathematics	Bharathiar University (1998)
M.Phil.	Mathematics/Functional Analysis	Bharathiar University (2000)
P.h.D.	Mathematics/ Complex Analysis	Periyar University (2017)

AREAS OF INTEREST:

Research : Complex Analysis-Geometric Function Theory

TEACHING EXPERIENCE: 20 YEARS

Position Held	Name of the Institute	Name of the University	Period (from -to)
Lecturer	Dr.Ambedkar Memorial Education Trust	Bangalore	2000 -2003
Lecturer	Jyothi Nivas College	Bangalore	2003 -2004
Lecturer	Krupanidhi College	Bangalore	2004 -2009
Assistant Professor	Government First Grade College, Vijayanagar, Bangalore	Bangalore	2009 - till date

RESEARCH EXPERIENCE: 8 YEARS**RESEARCH PAPERS PUBLISHED**

Sl.No.	Title of the Paper	Title of the Journal	Int./National/ Peer reviewed	Volume/ Issue/ year
1.	Coefficient bounds for certain subclasses of bi-univalent function	International Mathematical Forum	International Peer reviewed	2013
2.	Coefficient estimate for a certain general subclass of analytic and bi-univalent functions	Applied Mathematics	International Peer reviewed	2014
3.	Coefficient estimate for bi-mocanu-convex functions of complex order	General Mathematics Notes	International Peer reviewed	2014
4.	Initial coefficient estimates for bi- λ -convex and bi- μ -starlike functions connected with arithmetic and geometric means	Electronic Journal of Mathematical Analysis and Applications	International Peer reviewed	2014
5.	Certain Subclasses of κ -Uniformly Starlike and Convex Functions of Order α and Type β with Varying Argument Coefficients	Kyungpook Mathematical Journal	International Peer reviewed	2015
6.	Fekete-Szegő inequalities for classes of bi-starlike and bi-convex functions	Electronic Journal of Mathematical Analysis and Applications	International Peer reviewed	2015
7.	Fekete-Szegő inequalities for classes of bi-convex functions	The Journal of Analysis	International Peer reviewed	2015
8.	Certain subclasses of bi-starlike and bi-convex functions based on quasi-subordination	Abstract and Applied Analysis	International Peer reviewed	2016
9.	Bounds for the second Hankel determinant of certain bi-univalent functions	Turkish Journal of Mathematics	International Peer reviewed	2016
10.	Initial bounds for general class of bi-univalent functions	Proceedings of the International conference on DGAFM	International Peer reviewed	2016
11.	Coefficient estimates for a class of bi-univalent functions	Creative Mathematics and Informatics	International Peer reviewed	2017

	associated with quasi-subordination			
12.	Fekete-Szegő inequalities associated with kth root transformation based on quasi-subordination	Annales Universitatis Paedagogicae Cracoviensis. Studia Mathematica	International Peer reviewed	2017
13.	Fekete - Szego problem and second Hankel determinant for a class of bi-univalent functions	Tbilisi Mathematical Journal	International Peer reviewed	2018
14.	On the Chebyshev polynomial bounds for λ -convex and μ -starlike functions	Thai Journal of Mathematics	International Peer reviewed	2019
15.	Initial Bounds for Certain Classes of Bi-Univalent Functions Defined by Horadam Polynomials	Abstract and Applied Analysis	International Peer reviewed	2020
16.	Horadam Polynomial coefficient estimates for the classes of λ -bi-pseudo-starlike and Bi-Bazilevič Functions	The Journal of Analysis	International Peer reviewed	2020
17.	Certain subclasses of bi-univalent functions defined by Salagean operator with the (p, q) Lucas Polynomials	Advances in Mathematics Scientific Journal	International Peer reviewed	2020

PAPERS PRESENTED

Sl. No.	Title of the paper	Name of the Conference	Organising Institute	Level	Date
1.	Certain subclass of convex and starlike functions with negative coefficients	National Conference on Mathematical Science and Applications	Government First Grade College, Koppa.	National	09.03.2013
2.	Fekete-Szego problem for a class of bi-univalent functions	National Conference on Emerging Trends in Mathematics	Government Science College, Bangalore	National	25.04.2014
3.	Coefficient bounds for general subclass of analytic and bi-univalent functions	Third National Conference on Advances in Differential Equations and	Periyar University, Salem	National	4 .12.2014 & 4.12.2014

		Applications			
4.	Fekete-Szego inequalities for classes of bi-convex functions	International Conference on Geometric Function Theory and its Applications	Indian Institute of Technology, Kharagpur, West Bengal	International	18.12.2014 To 21.12.2014
5.	Initial bounds for general class of bi-univalent functions	International Conference on Differential Geometry, Analysis and Fluid Mechanics	Kuvempu University, Shimoga	International	04.02.2016 & 05.02.2016
6.	Bounds for a class of bi-univalent functions defined by quasi-subordination	National Conference on Geometry, Topology and their Applications	Karnatak University, Dharwad	National	04.08.2016 & 05.08.2016
7.	Region of Variability of subclasses of Univalent Functions	Recent Advances in Mathematical Sciences-2017	Government Science College, Bangalore	National	09.02.2017 & 10.02.2017
8.	IPR in Mathematical Research	Dynamics of Intellectual Property Rights	Government First Grade College, Vijayanagar, Bangalore	National	13.03.2019
9.	Horadam Polynomial coefficient estimates for a class of bi-Pseudo Starlike functions	Global Advancement of Mathematics-2019	Acharya Institute of Graduate Studies, Bangalore	International	25.06.2019 & 26.06.2019
10.	Coefficient estimates for a class of bi-univalent functions associated with quasi-subordination	International Conference on Mathematics and its Applications	Department of Mathematics Bangalore University, Bangalore	International	28.02.2019 & 29.02.2019

RESEARCH PROJECTS

Sl. No.	Title of the Research Project	Position in the project	Name of the Funding agency	Year	Completed/Ongoing
1	Region of variability of certain subclass of univalent functions	Principal Investigator	UGC	2015-2017	Completed

WEBINAR ORGANIZED AS COORDINATOR:

Sl.No.	Title	Level	Organised by	Date
1	Fluid Dynamics and Its Applications	International	Department of Mathematics, GFGC, Vijayanagar, Bangalore	28.05.2020 &29.05.2020

E-CONTENT DEVELOPED:

SL No.	Module of the e-content	Name of the channel	Date of launching and link
1	Matrices	karnataka.centralindia.cloudapp.azure.com/login	30.11.2020
2.	Differential Calculus	karnataka.centralindia.cloudapp.azure.com/login	30.11.2020

MEMBER OF BOARD OF EXAMINERS:

Sl.No.	Position held [Member/Chairman of BoS/BoE]	Name of the Autonomous College	Period
1	Member of BOE	NMKRV College for Women	2018-19

I affirm that the information given above is true and correct to the best of my knowledge.

Date :04.12.2020

signed by/-

Place : Bangalore

Dr.Yamini J