

Profile of Mr. O.S. BABU, Associate Professor

Name	: Mr. O.S. BABU
Qualification	: M.Sc., M.Phil., B.Ed., P.G.D.C.A.
Age	: 48 years
Date of Joining in TN Collegiate Educational Service	: 28.08.2000
Date of joining at DAGAC	: 20.12.2007
Designation	: ASSOCIATE PROFESSOR
Email address	: osbabu1009@gmail.com
Specialization	: COMPLEX ANALYSIS
Total Teaching experience	: UG:15 years; PG: 8 years.
Total Research experience	: 3 years.
Research field	: UNIVALENT FUNCTIONS
No. of research papers published	: INTERNATIONAL JOURNAL: 14
No. of papers presented in National / International Conferences	: 04
Other Academic Activities	: Ph.D. Thesis submitted

List of Publications:

INTERNATIONAL / NATIONAL JOURNALS:

1. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy," *Coefficient bounds for some subclasses of p -valently starlike functions,*" Annales UMCS Mathematica Vol. LXVII, No.2, 65-78, 2013.
2. G.Murugusundaramoorthy, C.Selvaraj and O.S.Babu," *Subclasses of starlike functions associated with q -calculus operators,*" Journal of Complex Analysis, Hindawi Publishing Corporation, Vol. 2013, 1-8, 2013.
3. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy," *Coefficient estimate of Ma-Minda type Bi-Bazilevic functions of complex order involving Srivastava-Attia,*" Electronic Journal of Mathematical Analysis and Applications, Vol.2, No.2, 31-41, 2014 .

4. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy," *Coefficient estimates for certain subclasses of bi-univalent Ma-Minda Mocanu-Convex functions*," Analysis of Theory and Applications, Vol. 30, No.2, 141-150, 2014.
5. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy, " *Majorization for certain subclasses of p -valently analytic functions defined by generalized linear operator*", Far East Journal of Mathematical Sciences, Vol. 90, No.1, 103-116, 2014. (**Scopus Indexed**) (Impact Factor:0.835).
6. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy," *Coefficient estimate of Ma-Minda type Bi-Bazilevic functions of Sakaguchi type based on Srivastava-Attiya operator*, Facta. Universitatis Mathematica and Informatica, Vol.29, No.2, 105-117, 2014.
7. O.S.Babu, C.Selvaraj and G.Murugusundaramoorthy, "*Coefficient estimate of certain subclasses of convex p -valent functions with bounded positive real part*", International Journal of Pure and Applied Mathematics, Vol.95, No.2, 137-147, 2014. (**Scopus Indexed**) (Impact Factor:3.49).
8. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy, " *A note on a subclass of p -valent function defined by an general fractional differintegral operator-II*," J. Anna.Num.Theor.3(1), 39-45, 2015. (Impact Factor:1.02).
9. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy," *Coefficient estimates for Pascu Type subclasses of Bi-univalent functions based on subordination*," Int. J.Nonlinear Science, 19(1), 47-52, 2015.
10. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy, " *Some subclasses of p -valent functions defined by an extended fractional differintegral operator*", Annal Univ. Oradea Fasc. Mat., Vol.22, No.1, 93-103, 2015.
11. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy," *Coefficient estimate of Ma-Minda Type Bi-Bazilevic functions of complex order involving Srivastava-Attiya operator*," Int.J.Pure and Appl.Math., 101(5), 615-624, 2015. (**Scopus Indexed**) (Impact factor:3.49).
12. O.S.Babu , C.Selvaraj, and G.Murugusundaramoorthy, " *Subclasses of bi-univalent functions based on Hohlov operator*, Int.J.Pure and Appl.Math., 102(3), 473-482, 2015. (**Scopus Indexed**) (Impact factor:3.49).
13. O.S.Babu , C.Selvaraj, G.Murugusundaramoorthy and S.Logu, *Coefficient estimates of p -valent Bazilevic functions with bounded positive real part*. Bol.Soc. Paran. Math.(3s) 32(2), 63-73, 2016.

14. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy, Some subclasses of p -valent functions defined by generalized fractional differintegral operator-I, *Mathematical Sciences Letters*, Accepted for publication. (Impact factor: 2.316)

INTERNATIONAL / NATIONAL CONFERENCES:

1. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy, "*Fekete- Szego inequality for certain subclasses of p -valently β -convex functions*" Proceedings of 17th Ramanujan Symposium on Mathematical Analysis and Applications, October 29-31, 2012, RIASM, University of Madras, pp.111-123.
2. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy, "A note on a subclass of p -valent function defined by an extended fractional differintegral operator," Proceedings of International conference on Mathematics- A global scenario, December 13&14,2012, D.G.Vaishnav, College Chennai, pp.34-39
3. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy, "*Coefficient estimates for Pascu Type subclasses of Bi-univalent functions based on subordination*," Proceedings of National conference on Pure and Applied Mathematics 2013, April 19&20, 2013, VIT University, Chennai campus, pp.34-39.
4. C.Selvaraj, O.S.Babu and G.Murugusundaramoorthy, "*Coefficient estimate of Ma-Minda Type Bi-Bazilevic functions of complex order involving Srivastava-Attiya operator*," Proceedings of International conference on Mathematical Computer Engineering, November 29-30, 2013, VIT University, Chennai campus.

