

List of Publications

1. **Singh, S.**, Gupta, S. and Singh, S., On a Problem of Univalence of Functions Satisfying a Differential Inequality, *Mathematical Inequalities & Applications*, **10**(1)(2007), 95-98.
2. Gupta, S., Singh, S. and **Singh, S.**, A Criterion of Φ -like Functions, *General Mathematics*, **15**(4)(2007), 121-130.
3. **Singh, S.**, Gupta, S. and Singh, S., On a Class of Multivalent Functions Defined by a Multiplier Transformation, *Matematički Vesnik*, **60**(2)(2008), 87-94.
4. **Singh, S.**, Gupta, S. and Singh, S., On a Subclass of Analytic Functions, *General Mathematics*, **16**(2)(2008), 37-47.
5. **Singh, S.**, Gupta, S. and Singh, S., On a Bounded Subclass of Certain Analytic Functions Satisfying a Differential Inequality, *Journal of Mathematical Inequalities*, **2**(1)(2008), 27-36.
6. **Singh, S.**, Gupta, S. and Singh, S., On Starlikeness and Convexity of Analytic Functions Satisfying a Differential Inequality, *Journal of Inequalities in Pure and Applied Mathematics*, **9**(3)(2008), 1-7.
7. **Singh, S.**, Gupta, S. and Singh, S., On Certain Results of Differential Subordination and Superordination, *Communications in Mathematical Analysis*, **6**(2)(2009), 21-32.
8. **Singh, S.**, Gupta, S. and Singh, S., An Extension of the Region of Variability of a Subclass of Univalent Functions, *Journal of Inequalities in Pure and Applied Mathematics*, **10**(4)(2009), 1-7.
9. **Singh, S.**, Gupta, S. and Singh, S., A Sandwich-type Theorem with Applications to Univalent Functions, *International Journal of Mathematical and Computer Sciences*, **5**(4)(2009), 224-229.
10. **Singh, S.**, Gupta, S. and Singh, S., An Application of Differential Subordination to Analytic Functions, *International Journal of Computational and Mathematical Sciences*, **3**(7)(2009), 321-323.
11. **Singh, S.**, Gupta, S. and Singh, S., A General Coefficient Inequality, *General Mathematics*, **17**(3)(2009), 99-104.

12. **Singh, S.**, Gupta, S. and Singh, S., On a Problem in the Theory of Univalent Functions, *General Mathematics*, **17**(3)(2009), 135-139.
13. **Singh, S.**, Gupta, S. and Singh, S., Differential Subordination and Superordination Theorems for Certain Analytic Functions, *General Mathematics*, **18**(2)(2010), 143-159.
14. **Singh, S.**, Gupta, S. and Singh, S., Certain Applications of Differential Subordination to Analytic Functions, *International Journal of Open Problems in Complex Analysis*, **2**(1)(2010), 30-38.
15. **Singh, S.**, Gupta, S. and Singh, S., A First Order Differential Subordination and Its Applications, *International Journal of Open Problems in Complex Analysis*, **2**(2)(2010), 95-109.
16. **Singh, S.**, Gupta, S. and Singh, S., Certain Conditions for Strongly Starlike and Strongly Convex Functions, *International Journal of Computational and Mathematical Sciences*, **4**(6)(2010), 290-292.
17. **Singh, S.**, Gupta, S. and Singh, S., Starlikeness of Analytic Maps Satisfying a Differential Inequality, *General Mathematics*, **18**(3)(2010), 51-58.
18. **Billig, S. S.**, A Subclass of Close to Convex Functions, *International Journal of Open Problems in Complex Analysis*, **2**(3)(2010), 203-210.
19. **Billig, S. S.**, An Application of Differential Subordination for Starlikeness of Analytic Functions, *International Journal of Open Problems in Complex Analysis*, **2**(3)(2010), 221-229.
20. **Singh, S.**, Gupta, S. and Singh, S., Certain Differential Inequalities Involving Multivalent Functions, *International Journal of Open Problems in Complex Analysis*, **3**(2)(2011), 43-49.
21. **Billig, S. S.**, A Subordination Theorem with Applications to Analytic Functions, *Bulletin of Mathematical Analysis and Applications*, **3**(3)(2011), 1-8.
22. **Billig, S. S.**, Certain Differential Sandwich-Type Results, *Journal of Mathematical Analysis*, **2**(1)(2011), 8-17.
23. **Billig, S. S.**, Differential Sandwich-Type Results and Criteria for Starlikeness, *Rend. Sem. Mat. Univ. Politec. Torino*, **69**(1)(2011), 57-71.
24. **Billig, S. S.**, Some Results on Close-to-convex Univalent Functions, *Mathematical Sciences Research Journal*, **15**(5)(2011), 137-149.

25. **Billig, S. S.**, On Certain Results for a Subclass of Analytic Functions, *International Journal of Open Problems in Complex Analysis*, **3**(3)(2011), 43-48.
26. **Billig, S. S.**, Cesaro and De La Vallee Poussion Means of Functions of Bounded Turning, *International Journal of Open Problems in Complex Analysis*, **3**(3)(2011), 49-55.
27. **Billig, S. S.**, Conditions for a Subclass of Analytic Functions, *Scientia Magna*, **7**(4)(2011), 35-41.
28. **Billig, S. S.**, A Remark on Certain Differential Inequalities Involving p -valent Functions, *Analysis in Theory and Applications*, **28**(1)(2012), 58-64.
29. **Billig, S. S.**, On Regions of Variability of Some Differential Operators Implying Starlikeness, *Proceedings of Pakistan Academy of Sciences*, **49**(1)(2012), 1-8.
30. **Billig, S. S.**, Certain Differential Subordination Involving a Multiplier Transformation, *Scientia Magna*, **8**(1)(2012), 87-93.
31. **Billig, S. S.**, On Certain Results for Univalent Functions, *International Journal of Open Problems in Complex Analysis*, **4**(3)(2012), 1-6.
32. **Billig, S. S.**, Some New Criteria for Starlikeness and Convexity of Analytic Functions, *Rend. Sem. Mat. Univ. Politec. Torino*, **70**(3)(2012), 279-287.
33. **Billig, S. S.**, Region of Variability of a Differential Operator Involving Bazilevic Functions, *International Journal of Open Problems in Complex Analysis*, **5**(1)(2013), 1-8.
34. **Billig, S. S.**, Differential Inequalities Implying Starlikeness and Convexity, *Acta Universitatis Matthiae Belii, series Mathematics*, **20**(2012), 3-8.
35. **Billig, S. S.**, Some Sufficient Conditions for ϕ -like functions, *Scientia Magna*, **8**(3)(2012), 29-37.
36. **Billig, S. S.**, On Certain Subclasses of Analytic Functions, *Scientia Magna*, **8**(4)(2012), 11-16.
37. **Billig, S. S.**, On Certain Results for Sakaguchi Type Functions, *Acta Universitatis Apulensis*, **33**(2013), 275-285.
38. **Billig, S. S.**, A Subordination Theorem Involving a Multiplier Transformation, *International Journal of Analysis and Applications*, **1**(2)(2013), 100-105.

39. **Billing, S. S.**, Some Sufficient Conditions for Starlike and Convex Functions, *Studia Universitatis Babes Bolyai Mathematica*, **58**(3)(2013), 355-360.
40. **Billing, S. S.**, Differential Sandwich-type Results for Starlike Functions, *Scientia Magna*, **9**(2)(2013), 30-40.
41. **Billing, S. S.**, A Multiplier Transformation and Conditions for Starlike and Convex Functions, *Mathematical Sciences Research Journal*, **17**(9)(2013), 239-244.
42. **Billing, S. S.**, Differential Inequalities and Criteria for Starlike and Convex Functions, *Studia Universitatis Babes Bolyai Mathematica*, **59**(2)(2014), 191-198.
43. **Billing, S. S.**, On Close-to-Convex Functions Satisfying a Differential Inequality, *Studia Universitatis Babes Bolyai Mathematica*, **60**(4)(2015), 561-565.
44. Brar, Richa and **Billing, S. S.**, Certain Results on Starlike and Parabolic Starlike Functions, *International Journal of Open Problems in Computer and Mathematics*, **8**(4)(2015), 27-35.
45. Brar, Richa and **Billing, S. S.**, Certain Sufficient Conditions for Parabolic Starlike and Uniformly Close-to-Convex Functions, *Studia Universitatis Babes Bolyai Mathematica*, **61**(1)(2016), 53-62.
46. **Billing, S. S.** and Kimmi Markan, A Remark on a Subclass of Analytic Functions, *Acta Universitatis Apulensis*, **45**(2016), 105-113.
47. Brar, Richa and **Billing, S. S.**, On Starlike Functions Involving a Certain Differential Operator, *Acta Universitatis Apulensis*, **46**(2016), 65-77.
48. **Billing, S. S.**, Dhaliwal, S. S. and Gurwinder Kaur, Some Sandwich-Type Results on Starlike and Convex Functions, *International Journal of Open Problems in Complex Analysis*, **8**(3)(2016), 13-27.
49. Kaur, Pardeep and **Billing, S. S.**, Certain Sufficient Conditions for Starlike Functions, *International Journal of Open Problems in Complex Analysis*, **9**(1)(2017), 1-12.
50. Brar, Richa and **Billing, S. S.**, On Starlike and Convex Functions in a Parabolic Region, *International Journal of Open Problems in Computer and Mathematics*, **10**(2)(2017), 15-22.

51. Kaur, Pardeep and **Billing, S. S.**, Some Sandwich-Type Results for ϕ -like Functions, *Acta Universitatis Apulensis*, **51**(2017), 115-134.
52. Brar, Richa and **Billing, S. S.**, Certain Results on ϕ -like and Starlike Functions in a Parabolic Region, *International Journal of Open Problems in Complex Analysis*, **9**(2)(2017), 30-41.
53. Brar, Richa and **Billing, S. S.**, Certain Sufficient Conditions for Starlike and Convex Functions, *Acta Universitatis Apulensis*, **52**(2017), 21-31.
54. Brar, Richa and **Billing, S. S.**, A Multiplier Transformation and Conditions for Parabolic Starlike and Uniformly Convex Functions, *Scientia Magna*, **13**(1)(2018), 1-11.
55. Brar, Richa and **Billing, S. S.**, On Certain Results Involving a Multiplier Transformation in a Parabolic Region, *Khayyam J. Math.*, **4**(2)(2018), 123-142.
56. Brar, Richa and **Billing, S. S.**, Certain Sufficient Conditions for Starlikeness and Convexity Using a Multiplier Transformation, *Studia Universitatis Babeş Bolyai Mathematica*, **63**(3)(2018), 341-351.
57. Kaur, Kuldeep and **Billing, S. S.**, A Generalized Criterion for Starlikeness of Meromorphic Functions, *International Journal of Open Problems in Complex Analysis*, **10**(1)(2018), 22-29.
58. Kaur, Pardeep and **Billing, S. S.**, A Generalized Class of Close-to-Convex Functions, *Kraguj. J. Math.*, **44**(4)(2020), 533-538.
59. Brar, Richa and **Billing, S. S.**, Applications of a Differential Subordination Involving the Convolution of Analytic Functions, *Acta Universitatis Apulensis*, **56**(4)(2018), 51-68.
60. Kaur, Pardeep and **Billing, S. S.**, Certain Results for Starlike and Close-to-Convex Functions, *Khayyam J. Math.*, **5**(2)(2019), 1-14.
61. Kaur, Pardeep and **Billing, S. S.**, An Integral Representation of a Subclass of Analytic Functions, *Scientia Magna*, **14**(4)(2019), 96-101.
62. Kaur, Kuldeep and **Billing, S. S.**, Meromorphic Close-to-Convex Functions Satisfying a Differential Inequality, *Studia Universitatis Babeş Bolyai Mathematica*, Accepted.
63. Kaur, Pardeep and **Billing, S. S.**, A Differential Inequality Involving Ruscheweyh Operator, *Turkish J. Ineq.*, **3**(2)(2019), 1-7.

64. Kaur, Pardeep and **Billig, S. S.**, Starlikeness and Convexity of Analytic Functions Using Multiplier Transformation, *International Journal of Open Problems in Complex Analysis*, **11**(3)(2019), 29-40.
65. Gurwinder Kaur, **Billig, S. S.** and Dhaliwal, S. S., Starlikeness in a Parabolic Region Using Differential Subordination, *International Journal of Open Problems in Complex Analysis*, **11**(1)(2019), 31-37.
66. Gurwinder Kaur, **Billig, S. S.** and Dhaliwal, S. S., A Differential Subordination and Univalence of Analytic Functions, *Palestine Journal of Mathematics*, Accepted.
67. Kaur, Kuldeep and **Billig, S. S.**, Certain Results on Meromorphic Starlike Functions, *International Journal of Open Problems in Complex Analysis*, Accepted.
68. Kaur, Pardeep and **Billig, S. S.**, On a Subclass of Analytic Functions Involving Ruscheweyh Operator, *Palestine Journal of Mathematics*, Accepted.
69. Kaur, Pardeep and **Billig, S. S.**, Results on Differential Subordination Involving Ruscheweyh Operator, *Scientia Magna*, Accepted.
70. Gurwinder Kaur, **Billig, S. S.** and Dhaliwal, S. S., Applications of Differential Subordination to a Class of Analytic Functions, *GANITA*, Accepted.