

List of publications (From 2011-2024)

1. Pankaj Srivastava and Krishna Nandan Kumar-A Spectrum of Cardiac Health Risk Assessment Intelligent System, *Nepal Journal of Mathematical Sciences (NJMS)*, Vol. 6, No. 1, 2025, 21-34.
2. Pankaj Srivastava ,Rajkrishna Mondal: Diabetes Diagnostic Intelligent Information System, *TEST Engineering and Management*, Vol. 82, 01 (2020), 14455-14467. **(Scopus)**
3. Pankaj Srivastava, Saurabh Srivastava: Soft Computing Market Research Analytics on Recommendation for Tourists Destinations in Varanasi-India, *International Journal of Advanced Science and Technology*, Vol. 29, No. 04 (2020), 791-807 **(Scopus)**
4. Maheshwar Pathak & Pankaj Srivastava: Certain applications of WP–Bailey Pairs, *Asian-European Journal of Mathematics* Vol. 12, No. 03, 1950049 (2019). **(SCI)**
5. Maheshwar Pathak & Pankaj Srivastava: Application of Symmetric Bilateral Bailey Transformation, *Kragujevac Journal of Mathematics* Volume 42(1) (2018), 107–129. **(SCI)**
6. Pankaj Srivastava & Priyagupta: Certain continued fractions for Mock Theta Functions, *Kyungpook Mathematical Journal* 2016 Vol. 56, No. 1, 173–184. **(SCI)**
7. Pankaj Srivastava, Tunis Elfrgani, Mahmoud Eltikali, Devendra Kumar Mishra : Certain Results on New Continued Fractions of ${}_2\Psi_2$, *Proc. Int. Conf. SSFA*, 2016.
8. Pankaj Srivastava, Anwar Jahan Wahidi; A Note on Certain Properties of Mock Theta Functions of Order Eight, *Kyungpook Mathematical Journal* 2014 Vol. 54, No. 2, 249—262, 2014. **(SCI)**
9. Pankaj Srivastava & Priyagupta; Certain transformations on Bailey's transform, *Proc. Jangjeon Math Soc.* Vol. 17 No. 1, 71-81, 2014. **(Scopus)**
10. Pankaj Srivastava & Priyagupta; A note on triple hyper geometric series HB and HC , *Proc. Nat. Acad. Sci. (Springer)* Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci. DOI 10.1007/s40010-014-0171-3. **(SCI)**
11. Pankaj Srivastava, Neeraja Sharma, and C.S. Aparna; Fuzzy Soft System and Arrhythmia Classification, *Chinese Journal of Mathematics* Volume 2014 Article ID 164781, 12 pages <http://dx.doi.org/10.1155/2014/164781>, 2014
12. Pankaj Srivastava & Neeraja Sharma; A Spectrum of Soft Computing Model for Medical Diagnosis, *App. Mathematics Infor. Sci.* No. 3, 1225-1230, 2014. **(SCI)**
13. Pankaj Srivastava, Anjali M Burande & Neeraja Sharma; Fuzzy Environmental Model for Evaluating Water Quality of Sangam Zone during Maha Kumbh 2013, *Applied Computational Intelligence and Soft Computing* 2013 Article ID 265924, <http://dx.doi.org/10.1155/2013/265924>, 2013. **(Scopus)**
14. Pankaj Srivastava & Priyagupta; A note on hypergeometric functions of one and two variables, *American Journal of Computational and Applied Mathematics*, 3(3), 182-185, 2013, DOI:10.5923/j.ajcam.20130303.05
15. Pankaj Srivastava, Tunis Elfrgani, Mahmoud Eltikali; A note on transformation formulae for Bilateral basic hypergeometric series, *International Journal of Applied Mathematics* Volume 26, No. 5, 525-536, 2013. **(Scopus)**
16. Pankaj Srivastava, Anwar Jahan Wahidi; A new spectrum of mock theta functions of order two, *Journal of Inequalities and Special Functions* ISSN: 2217-4303, URL: <http://www.ilirias.com> Volume 3 Issue 4, 59-66, 2013 **(SCI)**
17. Pankaj Srivastava, Amit Srivastava & Abdul Mannan; A Soft computing Decision support system in the Diagnosis of Breast cancer, *International Journal of Computer Applications* Vol. 72, No. 9, 19-27, 2013
18. Pankaj Srivastava, Amit Srivastava, Anjali M Burande & Amit Khandelwal; A Note on Hypertension Classification Scheme & Soft Computing Decision Making System, *ISRN Biomathematics*, Volume 2013, 1-11, 2013, <http://dx.doi.org/10.1155/2013/342970>

- 19. Pankaj Srivastava, Devendra Kumar Mishra; On bilateral basic hypergeometric series and continued fractions, *International Journal of Applied Mathematics* Volume 26 No. 4, 481-487, 2013 (Scopus)**

20. **Pankaj Srivastava** & Mohan Rudraravara; A note on Basic Hypergeometric function of N -variable, *Global Journal of Science Frontier Research Mathematics and Decision Sciences*, vol. 13 issue 11 version 1.0, 2013
21. Maheshwar Pathak and **Pankaj Srivastava**; A Report on complete Mock Theta Functions Of Order Eight, *Tbilisi Mathematical Journal* vol 6, pp 45 -55, 2013. **(Scopus)**
22. **Pankaj Srivastava** & Mohan Rudraravara; Certain flowers of continued fractions in the garden of generalized Lambert series, *Journal of Mathematics Research*, vol 3, no. 3, 36-43, 2012
23. **Pankaj Srivastava** & Anwar Jahan Wahidi; Certain generating functions for partial mock theta function of order two and order ten, *Int. J. Contemp. Math. Sciences* vol 7, no. 17, 839-848, 2012
24. **Pankaj Srivastava** & Amit Srivastava; A note on soft computing approach for cardiac analysis, *Journal of Basic and Applied Scientific Research*, vol 2(1), 376-385, 2012
25. **Pankaj Srivastava** & Amit Srivastava; Spectrum of soft computing risk assessment scheme for hypertension, *International Journal of Computer Applications*, vol 44 no. 17 23-30, 2012
26. **Pankaj Srivastava**, Amit Srivastava & Ritu Sirohi ; Soft computing tools and classification for hepatitis B, *International Journal of Research and Reviews in Soft and Intelligent Computing (IJRRSIC)*, Vol. 2, No. 2, 147-153, 2012
27. Maheshwar Pathak and **Pankaj Srivastava**; Certain new continued fractions for the ratio of two $3\psi 3$ series, *International Journal of Mathematical Archive (IJMA)*, Vol. 3 No. 5, 2012
28. **Pankaj Srivastava**, Neeraja Sharma and Richa Singh; Soft computing diagnostics system for diabetes, *International Journal of Computer Applications*, Volume 47–No. 18, 22-27, 2012
29. **Pankaj Srivastava** & Maheshwar Pathak ; A note on second order mock theta functions, *MATH. SCI. RES. J.*, Vol. 11 (10) 300- 308, 2011
30. **Pankaj Srivastava** & Anwar Jahan Wahidi; A note on Hikami's Mock Theta Functions, *Int. Journal of Math. Analysis*, vol. 5, no. 43, 2103-2109, 2011
31. **Pankaj Srivastava** & Mohan Rudraravara; Certain Transformation Formulae for the Generalized Hypergeometric Series of Multi Variables, *Australian Journal of Basic and Applied Sciences*, Vol. 5(11), 496-517, 2011
32. **Pankaj Srivastava**; Resonance of Continued Fractions Related to $2\psi 2$ Basic Bilateral Hypergeometric Series, *KYUNGPOOK Math. J.*, Vol. 51, 419-427, 2011 **(SCI)**