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## PUBLICATIONS

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### **A. Journal Papers:**

1. Borgoyary S, "A Few Applications of Imprecise Matrices", *International Journal of Intelligent Systems and Applications*, Vol. 7(8) (2015), 9-17, ISSN: 2074-904X (Print), ISSN: 2074-9058 (Online).
2. Borgoyary S," An Introduction of Two and Three Dimensional Imprecise Numbers", *International Journal of Information Engineering and Electronic Business*, Vol. 7(5) (2015), 27-38, ISSN: 2074-9023 (Print), ISSN: 2074-9031 (Online).
3. Singh K P and Borgoyary S," Construction of Normal Imprecise Functions", *Advances in Computational Sciences and Technology*, Vol.10 (7) (2017), 2019-2036, Print ISSN 0973-6107, Online ISSN 0974-4738.
4. Singh K P and Borgoyary S, "Rate of Convergence of the Sine Imprecise Functions", *International Journal of Intelligent Systems and Applications*, Vol. 8(10) (2016), 31-43, ISSN: 2074-904X (Print), ISSN: 2074-9058 (Online).
5. Borgoyary S, "Study on the Behavior of Cosine Imprecise Functions", *International Journal of Mathematics Trends and Technology*, Vol. 47(2) (2017), 128-136, ISSN: 2231- 5373.
6. Singh K P and Borgoyary S, "Conversion of Transcendental Function into Imprecise Function", *Journal of Computer and Mathematical Sciences*, Vol. 9(6) (2018), 501-512, ISSN: 23198133
7. Singh K P and Borgoyary S, "Some Properties of one dimensional imprecise numbers", *International Journal of Basic and Applied research*, Vol. 8(7) (2018), 1003-1013, ISSN: 22493352.

### **B. Conference Papers:**

1. Borgoyary S, "Method of Function Transformation into Imprecise Form", Presented in *National Conference on Science, technology & Environment: Prospects and*

*Limitations in 21<sup>st</sup> Century (NCSTEPL-2017)* and is published in the journal IJCMS, Vol. 6 (10) October 2017, 271-284 .

2. Borgoyary S, “Study on the Properties of Two and Three dimensional Imprecise Numbers”, Presented in *3<sup>rd</sup> International Conference on New Frontiers of Engineering, Science, Management and Humanities (ICNFESMH-2018)* and is published in the journal JETIR Vol. 5(6) June 2018, 43-51.

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