

# List of Research Publications only in Conference Proceedings during 2017-22

1. V. Mishra and N. Rani. Magic Squares in Indian Mathematics: Constructions and Properties: International Conference on Understanding ethics and Values in Shrinking World, March 25, 2022, Ajmer, India. Bloomsbury Publishing, 2022.
2. S.P. Kaur, A.K. Mittal and V.K. Kukreja. Application of quintic Hermite collocation scheme for solving non-linear pulp washing models: The 4th International Conference on Frontiers in Industrial and Applied Mathematics, December 21-22, 2021, Longowal, India. Springer, 2022.
3. S. Kumar, D. Kumar, J.R. Sharma and R. Kumar. To study of complex dynamics of some iterative techniques for computing multiple roots: The 3rd International Conference on Frontiers in Industrial and Applied Mathematics, December 21-22, 2020, Jamshedpur, India. AIP Publishing LLC, 2022.
4. V. Mishra and N. Rani. Ways of Constructing Multiplicative Magic Cubes, The 4th International Conference on Frontiers in Industrial and Applied Mathematics, December 21-22, 2021, Longowal, India. Springer, 2022.
5. H. Dua and R.K. Mishra. Dynamics of Bianchi type-I universe in Brans-Dicke gravity: 5th National E-Conference on Advanced Materials and Radiation Physics, November 9-11, 2020, Longowal, India. AIP Publishing LLC, 2021.
6. N. Rani and V. Mishra. Application of magic squares in cryptography: International conference on Intelligent Vision and Computing, October 03-04, 2021, Sur, Oman. Springer, 2021.
7. N. Rani and V. Mishra. Moment of inertia of generalized magic cubes: 5th National E-Conference on Advanced Materials and Radiation Physics, November 9-11, 2020, Longowal, India. AIP Publishing LLC, 2021.
8. S.P. Kaur, A.K. Mittal, V.K. Kukreja, N. Parumasur and P. Singh. An efficient technique for solution of linear and nonlinear diffusion-dispersion models: International Conference on Frontiers in Industrial and Applied Mathematics, April 26-27, 2018, Hamirpur, India. AIP Publishing LLC, 2018.
9. R. Jain, S. Arora and V.K. Kukreja. Stability analysis of numerical solutions of Burgers' equation using Hermite splines: 9<sup>th</sup> International Conference on Advancement in Engineering & Technology, Sangrur, India.