Faculty Profile

Name	Dr. Pooja Singh
Designation	Assistant Professor
Qualification	PhD. (Mathematics), GATE Qualified
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Area of Interest	Special Functions and Generalized hypergeometric functions
Experience	10 years

Published Papers :

1. Hypergeometric Functions and its Applications, Journal of Critical Reviews, 2020; 7(19), 3130—3137, ISSN-2394-5125

2. Integrals of Four Variables with Statistical Distribution associated with hypergeometric Function of Matrix Argument, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Sept 2019 ; 9(7), 928-935

3. Hypergeometric Functions on Cumulative Distribution Function. Asian Research Journal of Mathematics. 2019; 13(4): 1-11.

4. Hypergeometric Functions:Application in Distribution Theory. International Journal of Mathematics Trends and Technology.2016; 40(2): 157-163.

5. Appell's and Humbert's Distributions of Matrix Variate in the Complex Case. International Research J. of Math, Engineering & IT. 2015; 2(1): 9-16.

6. Some Special Cases of Appell's and Humbert's Functions of Matrix Arguments in Complex Case. International Research Journal of Math, Engineering & IT. 2015; 2(1): 1-8.

7. Integrals Involving Appell's Function of Matrix Argument In Complex Case. Int. J. of Adv. in Res. & Tech. 2014; 3(3): 105-115.

8. Certain Case of Reducible Hypergeometric Functions of Hyperbolic Function as Argument. International Journal of Science and Research Publication 2012; 2(10): 1-18.

Conference Paper Presented:

1 Hypergeometric Functions and its Application, 2nd international E- conference on Enviornment Sustainability & Teaching Tools in COVID-19 Scenario (ICESTT-2020), Jagadambha College of Engineering & Technology, Maharastra, May 19th & 20th, 2020

2 Functions of Single Matrix Argument. Paper presented at South Asian Mathematics Research Scholars Meet, South Asian University, New Delhi, India. May 7-8, 2015.

3 Industrial Mathematics. Poster presented at conference on "Empowering Growth through Corporate Governance and Economic Stability Measures", Sri Guru Gobind Singh College of Commerce, University of Delhi, Feb-2012.

FDP Attended:

- "Recent Developments In Mathematical Sciences (RDMS)" Department of Mathematics, Central University of Jharkhand, Ranchi, 6 -10 November 2020
- "Fixed Point Theory & Its Application", Manipal University, Jaipur,15-19 September 2020
- Contemporary Issues and Challenges in Management, Education & Information Technology, Maharaja Surajmal Institute of Technology, 5-9 February 2019

Conferences Attended :

- International Conference on Artificial Intelligence and Applications, Maharaja Surajmal Institute of Technology, 6-7 February 2020
- "FDI in India: Challenges, Effectiveness & Future", Delhi Institute of Rural Development (Affiliated to GGSIPU, New Delhi), Jan-2013.
- "Global Financial Environment and its Impact on Corporate Houses in India", Maharaja Surajmal Institute (Affiliated to GGSIPU, New Delhi), Oct-2012.