

Faculty Profile

Name : Dr. Man Singh Beniwal
Designation : Professor
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Area of Interest/Specialization: Approximation Theory, Applied Mathematics
Experience : 33 years



Key Publications

1. Deshwal P.S., Beniwal M.S. "Love wave propagation in case of rectangular discontinuity in a surface layer", Acta Geophysica. Polonica Vol. 39, No.3, 263-278, 1991.
2. V. Gupta, M A Noor and Man Singh Beniwal, "Rate of convergence in simultaneous approximation for Szasz Mirakyan Durrmeyer operators", J. Math. Anal. and Apl.,322(2006), 964-970.(SCI)
3. Vijay Gupta, M A Noor, Man Singh Beniwal and M K Gupta, "On simultaneous approximation for certain Baskakov Durrmeyer type operators", J. Inequal. Pure and Appl. Math., 7(4)(2006) Art-125.
4. M. K. Gupta and Man Singh Beniwal, "Rate of Approximation for Durrmeyer Schurer type operators", South East Asian Bulletin of Mathematics, 32(2008), 79 - 88.
5. M. K. Gupta, Man Singh Beniwal and Prachi Goel, "Rate of Convergence for Szasz-Mirakyan- Durrmeyer operators with derivatives of bounded variation", Applied Math.Computation 199(2008), 828-832.(SCI)
6. Suman Khatri and Man Singh Beniwal, "Profit Analysis of Three Single-Unit Reliability Models with Repair at Different Failure Modes", International Journal of Science, Engineering & Computer Technology, 2011, 1(2), 327-331.
7. Man Singh Beniwal, "Degree of Approximation by Combination for Certain Baskakov-Durrmeyer Operators", MSIT Journal of Research, Satyam, Vol. 1, No. 1, 2012.
8. Rani Yadav and Man Singh Beniwal, "Convergence estimates of q-Beta-Szasz-Stancu Operators", Journal of Classical Analysis, Volume 7(1), (2015), 39-46.
9. Man Singh Beniwal, "Inverse Theorem by Linear Combination for Certain Baskakov-Durrmeyer type Operators", MSIT Journal of Research, Satyam, Vol. 3, No. 2,(2015), 23-27.

10. Neha Malik, Serkan Araci and Man Singh Beniwal, "Approximation of Durrmeyer type Operators Depending on Certain Parameters", Journal Abstract and Applied Analysis, Volume 2017, Article ID5316150, 9 pages.
11. Man Singh Beniwal, "Basic results for L_p – Approximation by Linear Combination for Certain Baskakov-Durrmeyer Type Operators", MSIT Journal of Research, Satyam, Vol 7(2018-19), 14-18.
12. Deepika Agrawal and Man Singh Beniwal, "Direct estimates for a certain form of Srivastava-Gupta Operators" Boletin de la Sociedad Matematica Mexicana, <https://doi.org/10.1007/s40590-018-0218-6>. (Scopus)
13. Man Singh Beniwal and V. K. Singh, "APPROXIMATION BETWEEN MODIFIED BASKAKOV AND SRIVASTAVA-GUPTA OPERATORS", PUBLICATIONS DE L'INSTITUT MATHEMATIQUE Nouvelle serie, tome 107(121) (2020), 137-144.(Scopus).

Papers presented in Conferences

1. Man Singh Beniwal, M. K. Gupta and V. Gupta, "Lp-Approximation results for linear combinations of certain Baskakov-Durrmeyer type operators", Int. Conf. on analysis and its Appl. Aligarh Muslim university, 2008.
2. Man Singh Beniwal, "Direct estimate for Certain Integral Operators", National Conference on Mathematical Analysis and Modelling (NCMAM 12), SRM Univ. 30th -31st March, 2012.
3. Man Singh Beniwal, "Simultaneous Approximation for combinations of Modified Baskakov type Operators" in the International Conference on Differential Geometry, Algebra and Analysis (ICDGAA), Department of Mathematics, Jamia Millia Islamia, Univ. 15th -17th November, 2016

Awards and Recognitions

Nil

Patent/Copyright

Nil

Sponsored Project/Consultancy

Nil

Book Chapter/Books published

Nil

Ph.D Supervised

One

Memberships of Professional bodies:

Other Contributions