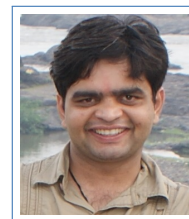


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Resumé

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Success isn't a result of spontaneous combustion. You must set yourself on fire.
-Arnold H. Glasow

Qualification

- June 2014 **NET-CSIR Exam in Mathematical Science**
Clear with ALL INDIA rank 1 under Lectureship category
- 2012-2017 **PhD Mathematics**
Department of Applied Mathematics and Humanities, S V National Institute of Technology, Surat
The Thesis entitle "Some Summation-Integral Type Operators in Approximation Theory" is completed in 2017 from S V National Institute of Technology, Surat.
- 2005-2006 **M.Phil. Mathematics (80.60% with Distinction)**
Department of Mathematics, Sardar Patel University, Vallabhvidhya Nagar
Dissertation completed under Prof.(Dr.) Subhash J. Bhatt, Ex-Head, Department of Mathematics, Sardar Patel University, Vallabh Vidhyanagar with title "Generalizations of Classical Theorems of Wiener and Levy".
- 2003-2005 **M.Sc. Mathematics (78.69% with Distinction)**
Department of Mathematics, Sardar Patel University, Vallabhvidhya Nagar
- 2000-2003 **B.Sc. Mathematics (70.10 % with First class)**
St. Xavier's College, Gujarat University, Ahmedabad

Employment Details

- 2012-today Assistant Professor, Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar
- 2012-2021 Assistant Professor, St. Xavier College (Autonomous), Ahmedabad
- 2011-2012 Assistant Professor, Gandhinagar Institute of Technology, Moti Bhojan, Gandhinagar
- 2008-2010 Stock Controller, Bradgate Bakery, Leicester, LE4 1WX, UK
- 2007-2008 Lecturer in Mathematics, A.D. Patel Institute of Technology, New Vallabh Vidhyanagar
- 2006- 2007 Lecturer in Mathematics, 6 month in Birla Visvakarma Engineering College, Vallabh Vidhyanagar
- 2006-2007 Lecturer in Mathematics, 6 month in V.P. & R.P.T.P. Science College, Vallabh Vidhyanagar

Publications

1. V. N. Mishra and **Prashantkumar Patel**, Approximation by the Durrmeyer-Baskakov-Stancu Operators, Lobachevskii Journal of Mathematics (Springer US), 2013, Vol. 34, No. 3, 272–281.
2. V. N. Mishra and **Prashantkumar Patel**, A short note on approximation properties of Stancu generalization of q -Durrmeyer operators, Fixed Point Theory and Applications (a Springer Open Journal), 2013, Vol. 2013, 1-5.
3. V. N. Mishra and **Prashantkumar Patel**, Approximation properties of q -Baskakov-Durrmeyer-Stancu operators, Mathematical Sciences (a Springer Open Journal), 2013, Vol. 38 no. 7, 1-12.

4. V. N. Mishra and **Prashantkumar Patel**, Some Approximation Properties of Modified Jain-Beta Operators, *Journal of Calculus of Variations* (Hindawi Publishing Corporation), 2013, Vol. 2013, 1-9.
5. V. N. Mishra and **Prashantkumar Patel**, The Durrmeyer type modification of the q -Baskakov type operators with two parameter α and β , *Numerical Algorithm* (Springer US), 67 (4), 753-769, 2015.
6. **Prashantkumar Patel** and V. N. Mishra, Approximation properties of certain summation integral type Operators, *Demonstratio Mathematica* (De Gruyter), 48(1) 77-90, 2015.
7. **Prashantkumar Patel** and V. N. Mishra, Jain-Baskakov Operators and its Different Generalization, *Acta Mathematica Vietnamica* (Springer Singapore) 40(4), 715–733, 2015. DOI 10.1007/s40306-014-0077-9.
8. **Prashantkumar Patel** and V.N. Mishra, Rate of convergence of modified Baskakov Durrmeyer type operators for functions of bounded variation, *Journal of Difference Equations* (Hindawi Publishing Corporation) Volume 2014, Article ID 235480, 6 pages, 2014.
9. V. N. Mishra and **Prashantkumar Patel**, On generalized integral Bernstein operators based on q -integers, *Applied Mathematics and Computation* (Elsevier) 242 (2014) 931–944.
10. **Prashantkumar Patel**, V. N. Mishra, A note on Simultaneous Approximation of some Integral Generalization of the Lupas operators, *Asian Journal of Mathematics and Computer Research*, 4(1), 28-44, 2015.
11. **Prashantkumar Patel**, V. N. Mishra, On class of Linear and Positive Operators, *Bollettino dell'Unione Matematica Italiana*(Springer International Publishing), 8(2), 81-96, 2015.
12. **Prashantkumar Patel**, V. N. Mishra, On Simultaneous Approximation for Generalized Integral Type Baskakov Operators, , *International Journal of Analysis* (Hindawi Publishing Corporation) Volume 2015 Article ID 805395, 10 pages, 2015.
13. **Prashantkumar Patel**, V. N. Mishra, M. Orkcü, Approximation properties of modified Szász–Mirakyan operators in polynomial weighted space, *Cogent Mathematics* (Taylor & Francis Online), 2(1), 1106195, 2015.
14. M. Orkcü, **Prashantkumar Patel**, V. N. Mishra, Shape Preserving Properties of the Generalized Baskakov operators, *Gazi University Journal of Science*, 29(1), 87-94, 2016.
15. **Prashantkumar Patel**, V. N. Mishra, On Approximation Properties of Modified Szász-Mirakyan Operators via Jain Operators, *Analysis in Theory and Applications*, 32(3), 232-241, 2016
16. V. N. Mishra and **Prashantkumar Patel**, $\alpha\beta$ -Statistical Convergence of Modified q -Durrmeyer Operators, *Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics*, 66(2), 263-275, 2017.
17. **Prashantkumar Patel**, V. N. Mishra, An Asymptotic Formula of Modified Family of Positive Linear Operators, *Kalpa Publications in Computing, ICRASET2017*, 2, 62-66, 2017.
18. **Prashantkumar Patel**, V. N. Mishra and M. Orkcü, Some Approximation Properties of the Generalized Baskakov operators, *Journal of interdisciplinary Mathematics*, 21(3), 611-622, 2018.
19. **Prashantkumar Patel**, V. N. Mishra, Some Approximation Properties of Modified Szász-Mirakjan-Baskakov Operators, *Proceedings of the Jangjeon Mathematical Society*, 20(3) 443-449, 2017.
20. **Prashantkumar Patel**, V. N. Mishra, The Voronoskaja type Asymptotic Formula for q -Derivative of integral Generalization of q -Benstein Operators, *Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics*, 67(2), 298-305, 2018.
21. **Prashantkumar Patel**, V. N. Mishra, The Certain Summation Integral type Operators and its Inverse, *Advanced Studies in Contemporary Mathematics*, 28(2), 261-268, 2018.
22. **Prashantkumar Patel**, On the operators defined by Lupas with some parameters based on q -integers, *Mathematics Today*, 34(A), 202-210, 2018.

23. D. R. Prajapati, **Prashantkumar Patel** & U. M. Prajapati, Series of a function using integration by parts, *Mathematics Today*, 34(A), 183-187, 2018
24. V N Mishra, **Prashantkumar Patel**, L N Mishra, The Integral Type Modification of Jain Operators and its Approximation Properties, *Numerical Functional Analysis and Optimization*, 39(12), 1265-1277, 2018.
25. **Prashantkumar Patel**, Some Approximation Properties of New Families of Positive Linear Operators, *FILOMAT*, 33 (17), 5477–5488, 2019.
26. **Prashantkumar Patel**, V. N. Mishra, Some approximation properties of a new class of Linear Operators, *Computational and Mathematical Methods*, <https://doi.org/10.1002/cmm4.1051>
27. **Prashantkumar Patel**, Some Approximation Properties of King type Generalization of modified positive linear operators, *Applied Mathematics E-Notes*, 20, 323-335, 2020
28. **Prashantkumar Patel**, Some Approximation Results of Kantorovich type operators, *Journal of Computational Analysis and Applications* 29 (1), 52-67, 2021.
29. **Prashantkumar Patel & M. Bodur**, On Integral Generalization of Lupas-Jain Operators, *Filomat*, In press.

Under Reviews

1. **Prashantkumar Patel**, V. N. Mishra, Rate of convergence of certain family of integral type Jain operators.
2. **Prashantkumar Patel**, On differences of recently developed positive linear operators.
3. **Prashantkumar Patel**, Dilek SÖYLEMEZ, Övgü GÜREL-YILMAZ, On Lupas-Jain-Beta operators.
4. **Prashantkumar Patel**, Schurer Type Modification of Lupas-Jain operators and its Properties
5. **Prashantkumar Patel**, The Rate of Approximation of Functions in an Infinite Interval by Positive linear Operators

Papers Presented

1. Approximation properties of q -Baskakov-Durrmeyer-Stancu operators, Analysis, Geometry and Application UGC-SAR-DRS-II, Department of Mathematics, Sardar Patel University, V.V. Nagar, March 07-08, 2013.
2. On the Durrmeyer type modification of the q -Baskakov Stancu type operators, 78th Conference of The Indian Mathematical Society, Banaras Hindu University, Varanasi, January 22-25, 2013.
3. A Note on Modified Durrmeyer-Baskakov Operators, Two Day National Seminar on Mathematical Modeling and Simulation, Nirma University, A'bad, May 3-4, 2013.
4. On Integral Generalization of Bernstein Operators base on q -integer, Science Excellence-2014, A'bad, 4th January-2014.
5. Some properties of new sequence of positive linear operators, National Conference on current Development in Analysis and its Application, M. S. University, Baroda, 14-15 March 2015.
6. Some Simultaneous Approximation properties of summation-integral type operators, Science Excellence-2015, Ahmedabad, September 29, 2015. Got First prize in oral presentation in Ph.D. Category.
7. On Bernstein Operators based on quantum integer, Fractional Calculus, Integral Transforms, Special Functions and their Computations in Engineering and Sciences, S V National Institute of Technology, September 30 - October 4 2015.
8. The Certain Summation Integral type Operators and its Inverse Theorem, International Conference on Recent Trends in Engineering and Material Sciences (ICEMS-2016), Jaipur National University, Jaipur, March 17-19, 2016

9. Some Approximation Properties of Modified Szasz-Mirakjan-Baskakov Operators, 24th International Conference on Finite or Infinite Dimensional Complex Analysis and Applications, Anand International College of Engineering, Jaipur, 22-26 August, 2016
10. Asymptotic formula for quantum derivative of integral generalization of Bernstein operators based on q -integer, National Seminar on Functional Analysis & Harmonic Analysis, Department of Mathematics, Sardar Patel University, V.V. Nagar during 16-18 January 2017 sponsored by UGC under UGC-SAP-DRS-III
11. Approximation Properties of modified Jain Operators in polynomial weighted space, National conference on Algebra, Analysis & Graph Theory (NCAAG-2017), Department of Mathematics, Saurashtra University, Rajkot-360005, Gujarat, India during 9-11 February, 2017
12. An Asymptotic Formula of Modified Family of Positive Linear Operators, TEQIP-II Sponsored International Conference on Research and Innovations in Science, Engineering & Technology (ICRISET-2017), Birla Vishvakarma Mahavidhyalaya Engineering College (An Autonomous Institution), Vallabh Vidyanagar-388120, Gujarat, India during 17-19 February, 2017

Interests

Sport Swimming, Running, Cycling, Water Polo at University level

GGM Treasurer, Gujarat Ganit Mandal from 2018. Joint-Treasurer of Gujarat Ganit Mandal between 2017-18

NCC Academic NCC Officer (AN0) from 1 Guj. NAVAL Unit, From National Cadet Corps earn 'B' & 'C' Certificates NAVAL Wing

Mountaineering Mountaineering Basic, Advance and Coaching Courses from Government Institution

Yoga Basic Yoga Course from Nakulish Yoga Vidhyalaya

CD Civil Defense Courses

Acting Claimed Second Rank in Mono Acting