RESUME

Name	**Dr. (Mrs) Neha Mathur**
Date of birth	13th August 1978
Husband	Dr. Pankaj Mathur, Professor of Mathematics, Lucknow University, Lucknow
Permanent Address	C 504, Saraswati Apartments, Sector 4, Gomti Nagar Extension, Lucknow-226010
Email	neha_mathur13@yahoo.com, nm.mathur1308@gmail.com
Mob. No.	9792880991, 0522-4303979, 9415785092.

Educational Qualification

S.No	Exams.	Board/Univ.	Year	Subjects	Div	%	Remarks
1.	High School	M.P. Board	1994	Maths, Science, S.Science, Hindi, English, Sanskrit.	Ist	84.9	Stood first in order of merit in the school and was placed in the merit list of M.P.
2.	Inter-mediate	M.P. Board	1996	Maths, Physics, Chemistry, Hindi, English.	Ist	82.6	Stood first in order of merit in the school and was placed in the merit list of M.P.
3.	B.Sc.	Govt. Science College, Jabalpur, M.P	1999	Computer Maintenance, Electronics, Maths	Ist	78	
4.	M.Sc.	R.D.V.V. Jabalpur, M.P.	2001	Mathematics	Ist	91.2	University topper and recipient of 11 Gold medals.
5.	Ph.D.	Lucknow University.	2008	Mathematics			
6.	GATE		Feb,07	Mathematics			

Title: A Study Of Certain Pál Type Lacunary Interpolation Processes On Mixed Nodes In The Interval [-1, 1].

Professional Qualification: One year Master Diploma in Software Technology from IEC, Software Limited, Jabalpur, M.P.

TEACHING EXPERIENCE

1) Serving as Assistant Professor in Dept. Of Mathematics, B.S.B.V.P.G. College, Lucknow from 16 th November 2022.

2) Served as Assistant Professor in Dept. Of Mathematics, Techno Institute of Higher Studies, Near Indra Canal, Lucknow , from 3rd Jan, 2021 to 16 th November 2022.

3) Served as a Lecturer in Dept. Of Mathematics, Career Convent Girls Degree College, Vikas Nagar, Lucknow from 1st August, 2012 to 3rd Jan 2021.

4) Served as Part time Lecturer in the Deptt. of Mathematics, Mahila Degree College,

Aminabad, Lucknow from 2nd August, 2010 to 29th Feb, 2012.

5) Served as Part time Lecturer in the Deptt. of Mathematics and Astronomy, Lucknow University, Lucknow, from 2005 to 2008.

6) Served as Part time Lecturer in Mathematics, Deptt. of Applied Sciences, Institute of Engineering & Technology (I.E.T), Lucknow, from Sep'04 to July'05.

7) Served as a Lecturer in Guru Ramdas Khalsa Institute of Technology, Jabalpur, M.P., from 18th Sep, 2001 to 31st Jan, 2002.

PUBLICATIONS

1) Neha Mathur and Pankaj Mathur: Pal type (1,0) interpolation on the zeros of Laguerre polynomials, communicated to Kragujevac Journal of Mathematics, 20_Oct_2020.

2) Shrawan Kumar, Neha Mathur, Vishnu Narayan Mishra and Pankaj Mathur: An almost Quasi-Hermite-Fejer-Type Interpolation on the zeros of Chebyshev Markov fractions, Results in Applied Mathematics, June 2020 communicated.

3) Varun, Neha Mathur, Swarnima Bahadur and Pankaj Mathur: Approximation of Complex Non-interpolatory parabolic spline on the unit circle, accepted for publication FILOMAT (SCI), Accepted, Nov., 2020.

4) Shrawan Kumar, V N Mishra, Neha Mathur and Pankaj Mathur: Rational P{\'a}l type (0,1;0)-Interpolation and Quadrature Formula with Chebyshev - Markov Fractions; accepted for publication at Transactions of A. Razmadze Mathematical Institute: http://www.rmi.ge/transactions/.(SCI-E)

5) Neha Mathur and Pankaj Mathur: Weighted Pal type (1; 0) interpolation on positive real line, accepted for publication to Tbilisi Mathematical Journal (ESCI JOURNAL), June 2020.

6) Shrawan Kumar, Neha Mathur, Vishnu Narayan Mishra & Pankaj Mathur: Radau Quadrature For An Almost Quasi-Hermite-Fejer-Type Interpolation In Rational Spaces, accepted for publication at International Journal of Analysis and Applications (ESCI journal), 2020.

7) Hari Shankar & Neha Mathur: (0; 0, 2) – Interpolation on Laguerre Abscissas, Ganita, Vol 68(1), 2018, 117-130. ISSN 0046-5402.

8) Hari Shankar & Neha Mathur: (0; 0, 1) - Interpolation on Laguerre Abscissas, IJEAR, Vol. 13, No 11, 2018, 10142, 10145, ISSN 0973-4562.

9) Shrawan Kumar & Neha Mathur: On modified weighted (0, 1, 3) interpolation, Ganita, Vol 67(1), 2017, 73-78. ISSN 0046-5402

10) Neha Mathur: An Almost (0, 2) - Interpolation on the nodes of $x\pi_n(x)$, Ganita, Vol.65, 2016, 65-75. ISSN 0046-5402

11) Neha Mathur: On Pal Type Weighted (0; 0, 1, 2, …, r - 2, r)-Interpolation on Mixed Tchebycheff Nodes, Ganita, Vol. 64, 2015, 75-85. ISSN 0046-5402

12) Mathur N., Mathur P. (2015) Pál Type (0; 1)-Interpolation on Mixed Tchebycheff Abscissas-II. In: Agrawal P., Mohapatra R., Singh U., Srivastava H. (eds)

Mathematical Analysis and its Applications. Springer Proceedings in Mathematics & Statistics, vol 143., pp 197-206, 2015, Springer, New Delhi.

13) Neha Mathur and Pankaj Mathur: A remark on Pal type interpolation on non-uniformly distributed zeros on the unit circle, Anal. Theory Appl., Vol. 30, No. 2 (2014), 173-192. ISSN 1672-4070

14) Neha Mathur and Pankaj Mathur: Pal Type (0; 1)-interpolation on mixed Tchebycheff abscissas-I, International J Mathematical Archive-4(8), 2013, 225-235. ISSN 2229-5046.

15) Vipul Srivastava, Neha Mathur and Pankaj Mathur: A new kind of P´al type (0; 0, 1) interpolation, International J of Mathematics & Soft computing, Vol. 3, No. 3 (2013), 21 - 32. ISSN 2249-3328.

16) Vipul Srivastava, Neha Mathur and Pankaj Mathur; A New Kind of Pál Type Interpolation II, Int. J. Cont. Math. Sci., Vol. VI, No. 45, 2011, 2237-2246. ISSN 1312-7586

17) Vipul Srivastava, Neha Mathur and Pankaj Mathur; A New Kind of Pál Type Interpolation I, Adv. Theo. App. Math., Vol. VI, No. 5, 2011, 613-623. ISSN 0973-4554

E-CONTENT

1. You tube video lectures
   (a) 18 of B.Sc. 3rd Sem Algebra
   (b) 08 of B.Sc 5th Sem Numerical Analysis
   (c) 02 of B.Sc. 5th Sem Linear Programming
2. Hand written pdf files as e-content covering the syllabus of B.Sc 3rd Sem and 5th Sem.

CONFERENCES ATTENDED & PRESENTED PAPERS

1. A Webinar & Technical Session on "Mathematical Modeling And the Pandemic" organized by Bharata Ganita Parisad & Department Of Mathematics & Astronomy , University of Lucknow from 12-13 December.
2. A National Webinar on "The Application & Tools in Education for Students & Teacher's in the Present Scenario" from 03 rd July to 04 th July 2020, organized by Department of Education in association with Council For Teacher Education Foundation , Nagpur by Sri Guru Teg Bahadur Khalsa College , Jabalpur, M.P.
3. A 7 –day International **Faculty Development Programme** on "Mathematical Modelling in Multidisciplinary Domain " Organized by Department of Mathematics, Bannari Amman Institute of Technology from 01 June to 07 June 2020.
4. A National E-Conference on "Interdisciplinary Research in Science & Technology"organized by Amiruddaula Islamia Degree College, Lucknow, from 30 & 31 May 2020.
5. A Webinar On "Mathematical Modelling Of Infectious Diseases: application to COVID 19", organized by Department of Mathematics, Patrician College of Arts & Science , Chennai on 27-05-2020.
6. An Online **National Workshop** on "Basics of Documentation using Latex" held on 24,25,29 & 30 April 2020, organized by Department of Mathematics ,Stella Maris College, Chennai.
7. 67th Annual Conference of Bharata Gania Parisad Conference on Modern Analysis and Applications-An International Meet held during 16-17 Nov, 2019 at Babu Banarasi Das

University, Lucknow.

8. A National Conference on Recent Trends in Mathematics and Applications held during 21-22 Feb, 2019 at Shri Ramswaroop Memorial University, Lucknow.

9. A National Conference on Recent Trends in Mathematics held during 10-11 Nov, 2018 at The Department of Mathematics and Astronomy, University of Lucknow, Lucknow.

10. International Conference on Algebra & Applied Analysis held during August 09-11, 2018 at Department of Mathematics, Integral University, Lucknow, India.

11. A National on Mathematical Analysis and Applications held during 18-19 Nov, 2017 at The Department of Mathematics and Astronomy, University of Lucknow, Lucknow.

12. A National on Differential Analysis held during 19-20 Nov, 2016 at Department of Mathematics and Astronomy, University of Lucknow, Lucknow.

13. A National on Recent Trends in Mathematics: Topological Algebraic analysis and Applications held during 21-22 Nov, 2015 at Department of Mathematics and Astronomy, University of Lucknow, Lucknow.

14. A National Conference of Bharat Ganita Parishad, Lucknow University, Lucknow, held during 18-19 Nov, 2006.

Awards & Recognitions:

- National Merit Scholarship holder in High school and Intermediate.
- Received 11 Gold Medals from Rani Durgawati University, Jabalpur for
    1) Obtaining highest marks amongst the passed students of all the P.G. degree classes.(1 medal)
    2) Obtaining highest marks in first attempt with minimum 65% or more marks from Higher Secondary to Post Graduate examinations.(1 medal)
    3) Obtaining highest marks amongst the students of M.A./M.Sc./M.Com.(2 medals)
    4) Obtaining highest marks amongst the students of M.A./M.Sc. with Maths subject.(1 medal)
    5) Obtaining highest marks in M.Sc. with Maths.(2 medals)
    6) Obtaining highest marks amongst the passed girls of M.A./M.Sc./M.Com./M.HSc.(2 medals)
    7) Obtaining highest marks in M.Sc.(1 medals)
    8) Obtaining highest marks in   M.A. & M.Sc.(1 medal)

Extra Curricular Activities:

(i)   Knowledge of Mathematical documentation on PC.

(ii)   Participated in several debate competitions and anchored many functions in school and college

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NEHA MATHUR.

Date: