

CURRICULUM VITAE

NAME : DR. VISHNU NARAYAN MISHRA
DESIGNATION : Assistant Professor of Mathematics
FATHER'S NAME : Shri Ved Prakash Mishra
MOTHER'S NAME : Smt. Sharda Mishra



SEX : Male
MARITAL STATUS : Unmarried
ADDRESS : Assistant Professor of Mathematics (AMHD)
Sardar Vallabhbhai National Institute of Technology,
Ichchhanath Mahadev Road, Surat, Surat (Gujarat),
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EDUCATIONAL QUALIFICATIONS:

Examination Passed	Year	Board/Univ.	Subjects	Marks obtained	Percentage and Division	Remarks, if any
High School	1995	U.P. Board	Hindi, English, Science-2, Maths-2, Biology, Social Science	410 / 600	68.33 % First	
Intermediate	1997	U.P. Board	General Hindi, English, Physics, Chemistry, Mathematics	401 / 500	80.2 % First	First position District Sultanpur (U.P.)
B.Sc. <u>(Gold Medalist)</u>	2000	Dr. Ram Manohar Lohia Avadh University Faizabad (U.P.)	Mathematics, Physics, Chemistry	1455/1800	80.83 % First	Mahavid- yalaya Gold Medal, Acharya Narendra Dev Smri Samman.
M.Sc. <u>(Double Gold Medalist)</u>	2002	-do-	Mathematics	1022/1200	85.16 % First	M.Sc. Gold Medal, Kulaadhi- pati Go Medal 2002.

Examination Passed	Year	Board/Univ.	Subjects	Marks obtained	Percentage and Division	Remarks, if any
Gate	2003		Mathematics		80.33%	
C.I.C. (Certificate in Computing)	2004	IGNOU New Delhi	C.I.C.-1, C.I.C.-2, C.I.C.-4, C.I.C.-5	244/400	61.0% First	
Ph.D.	2007	I.I.T. Roorkee	Mathematics			During Ph.D., got MHRD fellowship

AWARDS / PRIZES:

- 1. First rank** in District Sultanpur (U.P.) in Intermediate (1997) in Science group.
- I was awarded “**Acharya Narendra Dev Smriti Samman**” from former District Magistrate of Faizabad (U.P.) Smt. Archana Agarwal on **October 31, 2000** at Narendralaya Prekshagriha Faizabad (U.P.).
- I was awarded “**Mahavidyalaya Gold Medal**” from former Chief Minister of U.P., Shri Rajnath Singh on **January 29, 2001** at K.S. Saket P.G. College Ayodhya Faizabad (U.P.).
- I was awarded “**Special Certificate (Gold Medal in M.Sc.)**” in 28th Convocation from Chief Minister of U.P. Shri Mulaayam Singh Yadav on **December 2, 2003** at K.S. Saket P.G. College Ayodhya Faizabad (U.P.).
- I was awarded “**Kulaadhipati Gold Medal 2002**” from former Governor Acharya Shri Vishnu Kant Shastri ji and former Agriculture Minister Shri Rajnath Singh on **February 13, 2004** at Dr. Ram Manohar Lohia Avadh University Faizabad (U.P.).
- I was awarded “**Er. Vivek Mohan Memorial Young Scientist Award (Mathematics)**” and a cash of Rs 1100/ from Prof. Rajendra G. Harshe, (Vice Chancellor of Allahabad University) for presenting paper entitled “On the degree of Approximation of Signals (Functions) belonging to Generalized Weighted $W(L_p, \xi(t)), (p \geq 1)$ -class by Product Summability Method” during **11th International Conference** of the International Academy of Physical Sciences (CONIAPS XI) held at University of Allahabad during February 20-22, 2010.
- Awarded 1st position Certificate & Cash prize of Rs 1000/ on Hindi Divas (Sept. 14, 2011) from Mr. Praveen Agrawal, Income Tax Commissioner (President Rajbhasha Nagar Samiti) in Essay Competition (8th Sept.) during Hindi Pakhvada Sept. 2 - 14, 2011 held at LT1 Seminar hall of SVNIT, Surat (Gujarat).
- Awarded 1st position Certificate & Cash prize of Rs 1000/ on Hindi Divas (Sept. 14, 2011) from Mr. Praveen Agrawal, Income Tax Commissioner (President Rajbhasha Nagar Samiti) in Quiz Competition (8th Sept.) during Hindi Pakhvada Sept. 2 - 14, 2011 held at LT1 Seminar hall of SVNIT, Surat (Gujarat).
- Awarded “Certificate of Merit” & Cash prize of Rs 1000/- from Honourable Director Prof. P.D. Porey, SVNIT, Surat for Elocution Competition on Life & Thoughts of Swami Vivekananda during academic year 2011-2012 (i.e. result declared on 04/05/12).
- Awarded “**V.M. Shah Prize**” for the year 2012 for presenting the best research paper in the area of **Analysis** at the 78th Annual Conference of the **Indian**

Mathematical Society held in the Banaras Hindu University, Varanasi (UP) during January 22-25, 2013. (Received from President of IMS i.e. Prof. H.H. Khan).

TEACHING EXPERIENCE:

1. Taught Engineering Mathematics in **B.Tech. III Semester** and Advanced Mathematics in **M.Tech. I Semester** from August 4, 2003 to December 12, 2003 as **Guest Lecturer** in the Department of Mathematics, **Motilal Nehru National Institute of Technology Allahabad, Allahabad**. Thus as a Guest Lecturer I have only 5 months teaching experience.
2. As a **Ph.D. research scholar** I have also taken the tutorial classes of **B.Tech. and M.Sc.** students in the Department of Mathematics, **Indian Institute of Technology Roorkee, Roorkee (Uttarakhand) (India) from January 5, 2004 to July 20, 2007**.
3. Presently I have been working as an **Assistant Professor** of Mathematics at **Sardar Vallabhbhai National Institute of Technology, Ichchhanath Mahadev Road, Surat, Surat, (Gujarat) since August 24, 2007**.

Courses Taught

Post Graduate level: Approximation & Summability Theory, Calculus (MM-203), Linear Algebra (MM-203), Abstract Algebra (Elements of Algebra MM-401), Mathematical Analysis (Real and Complex Analysis), Functional Analysis (MM-402), Numerical Analysis, Integral Transforms & Integral Equations (ASM-320), Advanced Engg. Mathematics.

Graduate Level: Engg. Mathematics - I, II, III, Analytical Geometry (of two & three dimensions), Vector algebra, Complex Analysis.

Teaching Experience: 6 years +

URL: <http://livedna.org/91.5071>

AREAS OF SPECIALISATION

Approximation Theory, Asymptotic expansions, Summability Theory, Fourier analysis, Inequalities, Special Functions, Fixed point theory, Variational inequality and Operator Theory.

PUBLICATIONS

1. M.L. Mittal, Uday Singh, **Vishnu N. Mishra**, Shalini Priti, Saurabh Shyam Mittal, Approximation of functions (signals) belonging to $Lip(\xi(t), p)$ - class by means of conjugate Fourier series using linear operators, **Indian Journal of Mathematics Vol. 47, Nos. 2 - 3, (2005), 217-229**.
2. M.L. Mittal, B.E. Rhoades, **Vishnu Narayan Mishra**: Approximation of signals (functions) belonging to the weighted $W(L_p, \xi(t))$, ($p \geq 1$)-class by linear operators, **International Journal of Mathematics and Mathematical Sciences, USA, Volume 2006 (2006), Article ID 53538, 10 pages, MR # 2268522, doi:10.1155/IJMMS/2006/53538**.
3. **Vishnu Narayan Mishra**, M.L. Mittal, Uday Singh, On best approximation in locally convex space, **Varāhmihir Journal of Mathematical Sciences India, Vol. 6, No.1, (2006), 43-48**.
4. M.L. Mittal, Uday Singh, **Vishnu Narayan Mishra**, Approximation of signals (functions) belonging to the weighted $(L_p, \xi(t))$ -class by Nörlund means, **Varāhmihir Journal of Mathematical Sciences India, Vol. 6, No.1, (2006), 383-392**.
5. M.L. Mittal, B.E. Rhoades, **V.N. Mishra**, Uday Singh, Using infinite matrices to approximate functions of class $Lip(\alpha, p)$ using trigonometric polynomials, **Journal**

of Mathematical Analysis and Applications, (Elsevier Journals) Vol. 326 (2007), 667-676, Impact Factor: 1.305.

6. M.L. Mittal, Uaday Singh, Vishnu N. Mishra, On the strong Nörlund summability of conjugate Fourier series, Applied Mathematics and Computation, Elsevier Journals, Vol. 187 (2007) 326-331, Impact Factor: 1.338.

7. M.L. Mittal, Vishnu Narayan Mishra, Approximation of Signals (functions) belonging to the weighted $W(L_p, \xi(t))$, ($p \geq 1$)-class by almost matrix summability method of its Fourier series, International J. of Math. Sci. & Engg. Appls. (IJMSEA) Vol. 2 No. IV (2008), 285-294.

8. Vishnu Narayan Mishra, On the Degree of Approximation of Signals (Functions) belonging to the Weighted $w(L_p, \xi(t))$, ($p \geq 1$)- class by almost matrix summability method of its conjugate Fourier series, Int. J. of Appl. Math and Mech. 5 (7): 16-27, 2009.

9. Vishnu Narayan Mishra, On the degree of Approximation of conjugate of Signals (Functions) belonging to the Generalized Weighted $W(L_p, \xi(t))$, ($p \geq 1$)-class by Lower Triangular Matrix means, Proceedings of Int. Conference on Challenges and Applications of Mathematics in Science and Technology (CAMIST), edited by Prof. S. Chakraverty, Macmillan Publishers India Ltd. (Macmillan Advanced Research Series), (2010) ISBN 10: 0230-32875-X, ISBN 13: 978-0230-32875-4.

10. Vishnu Narayan Mishra, On the degree of Approximation of Signals (Functions) belonging to Generalized Weighted $W(L_p, \xi(t))$, ($p \geq 1$)-class by Product Summability Method, Journal of International Academy of Physical Sciences (JIAPS), ISSN 0974 – 9373, Vol. 14, No. 4, (2010), pp. 413 - 423.

11. Vishnu Narayan Mishra, Huzoor H. Khan, Kejal Khatri, Degree of Approximation of Conjugate of Signals (Functions) by Lower Triangular Matrix Operator, Applied Mathematics (Scientific Research Open Access Journal AM, ISSN: 2152-7393), Vol. 2, No. 12, pp. 1448-1452, 2011. DOI: 10.4236/am.2011.212206.

Available online on website <http://www.scirp.org/journal/am>

12. Vishnu Narayan Mishra, Lakshmi Narayan Mishra, Trigonometric Approximation of Signals (Functions) in L_p ($p \geq 1$)-norm, Int. Journal of Contemp. Math. Sciences, Vol. 7, 2012, no. 19, pp. 909 – 918.

13. Vishnu Narayan Mishra, Huzoor H. Khan, Kejal Khatri, Lakshmi Narayan Mishra, On Approximation of Conjugate of Signals (Functions) belonging to the Generalized Weighted $W(L_r, \xi(t))$, ($r \geq 1$)- class by Product Summability means of Conjugate Series of Fourier series, Int. Journal of Math. Analysis, Vol. 6, 2012, no. 35, pp. 1703 – 1715.

14. Vishnu Narayan Mishra, Huzoor H. Khan, Kejal Khatri, Idrees A. Khan, Lakshmi N. Mishra; Approximation of Signals by Product Summability Transform, Asian Journal of Mathematics and Statistics, Vol. 6, No. 1, 2013, pp. 12-22, ISSN 1994-5418 / DOI: 10.3923/ajms.2013.12.22, New York, USA.

15. Vishnu Narayan Mishra, Kejal Khatri, Lakshmi Narayan Mishra; Approximation of Functions belonging to $Lip(\xi(t), r)$ class by $(N, p_n)(E, q)$ Summability of Conjugate Series of Fourier series, Accepted for publication in Journal of Inequalities and Applications- a Springer Open Access

- Journal 2012**, 2012:296. DOI: 10.1186/1029-242X-2012-296. **Impact Factor: 0.73**. URL: <http://www.journalofinequalitiesandapplications.com/content/2012/1/296>
- 16. Vishnu Narayan Mishra**, Kejal Khatri, Strong Cesàro Summability of Triple Fourier Integrals, under communication.
- 17. Vishnu Narayan Mishra**, Kejal Khatri, Lakshmi Narayan Mishra, Product Summability Transform of Conjugate Series of Fourier series, **International Journal of Mathematics and Mathematical Sciences**, Vol. **2012 (2012)**, Article ID **298923**, **13** pages, DOI: **10.1155/2012/298923** (Hindawi Publishing Corporation, USA).
- 18. Lakshmi Narayan Mishra, Vishnu Narayan Mishra**; On Trigonometric Approximation of $W(L^p, \xi(t)), (p \geq 1)$ Function by Product $(C, 1)(E, 1)$ Means of its Fourier series, under communication.
- 19. Vishnu Narayan Mishra**, Kejal Khatri, Lakshmi Narayan Mishra, Approximation of Functions belonging to the generalized Lipschitz Class by $C^1.N_p$ Summability Method of Conjugate Series of Fourier series, under communication.
- 20. Vishnu Narayan Mishra**, Kejal Khatri, Lakshmi Narayan Mishra, Using Linear Operators to Approximate Signals of $Lip(\alpha, p), (p \geq 1)$ -Class, **Filomat 27:2 (2013)**, **355-365**, **Impact Factor: 0.421**.
- 21. Vishnu N. Mishra**, Huzoor H. Khan, Idrees A. Khan, Lakshmi N. Mishra, On the degree of approximation of Signals of $Lip(\alpha, r), (r \geq 1)$ -class by almost Riesz means of its Fourier series, under communication.
- 22. Vishnu Narayan Mishra**, Huzoor H. Khan, Idrees A. Khan, Kejal Khatri, Lakshmi N. Mishra, Approximation of Signals belonging to the $Lip(\xi(t), p), (p > 1)$ -class by $(E, q)(q > 0)$ -means, of the conjugate series of its Fourier series, **Advances in Pure Mathematics**, 2013, 3, 353-358, doi:10.4236/apm.2013.33050. Published Online May 2013 (<http://www.scirp.org/journal/apm>)
- 23. Vishnu Narayan Mishra**, Kejal Khatri, Lakshmi Narayan Mishra, Product $N_p.C_1$ summability of a sequence of Fourier coefficients, **Mathematical Sciences- a Springer Open Access Journal**, **2012, 6:38**. DOI: 10.1186/2251-7456-6-38, URL: <http://www.iaumath.com/content/6/1/38>.
- 24. Vishnu Narayan Mishra**, Kejal Khatri, L.N. Mishra; On Simultaneous Approximation for Baskakov-Durrmeyer-Stancu type operators, **Journal of Ultra Scientist of Physical Sciences**, Vol. **24**, No. (3)A, **2012**, pp. **567-577**, **Impact Factor: 0.028**.
- 25. Vishnu Narayan Mishra**, Kejal Khatri; Some approximation properties of q-Baskakov-Beta-Stancu type operators, under communication.
- 26. Lakshmi Narayan Mishra, Vishnu Narayan Mishra**, Vaishali Sonavane; Trigonometric Approximation of Functions Belonging to Lipschitz Class by Matrix $(C^1.N_p)$ Operator of Conjugate Series of Fourier series, **Advances in Difference Equations**, a Springer Open Journal, 2013, 2013:127. Impact factor: 0.85. doi: 10.1186/1687-1847-2013-127. URL: <http://www.advancesindifferenceequations.com/content/2013/1/127>
- 27. Lakshmi Narayan Mishra, Vishnu Narayan Mishra, Kejal Khatri**; On The Trigonometric Approximation of Signals (Functions) Belonging to Generalized Weighted Lipschitz $W(L^r, \xi(t))(r \geq 1)$ -Class by Matrix $(C^1.N_p)$ Operator of Conjugate Series of its Fourier series, under communication.
- 28. Lakshmi Narayan Mishra, Vishnu Narayan Mishra**, Trigonometric approximation of the conjugate of a signal (function) belonging to the modified

weighted Lipschitz $W(L', \xi(t)) (r \geq 1)$ – space by matrix operator of the conjugate series of a Fourier series, under communication.

29. Vishnu Narayan Mishra, P.G. Patel; On the Durrmeyer type modification of the q-Baskakov-Stancu type operators, under communication.

30. **Vishnu Narayan Mishra**, Prashantkumar G. Patel; Approximation by the Durrmeyer-Baskakov-Stancu operators, **Lobachevskii Journal of Mathematics, Vol. 3, No. 34, 2013 (Springer Journal)**.

31. V.N. Mishra, P.G. Patel; Approximation properties of q-Baskakov-Durrmeyer-Stancu operators, under communication.

32. V.N. Mishra, K. Khatri, L.N. Mishra; Inverse result in simultaneous approximation by Baskakov-Durrmeyer-Stancu operators, under communication.

33. V.N. Mishra, K. Khatri, L.N. Mishra; Hypergeometric Representation for Baskakov-Durrmeyer-Stancu Type Operators, under communication.

34. S. Husain, S. Gupta, **Vishnu Narayan Mishra**; An existence theorem of solutions for the system of generalized vector quasi-variational inequalities, accepted in **American Journal of Operations Research (AJOR), 2013, 3, 329-336**. doi:10.4236/ajor.2013.33029 Published Online May 2013 (<http://www.scirp.org/journal/ajor>)

35. **Vishnu Narayan Mishra**, Prashantkumar Patel; A short note on approximation properties of Stancu generalization of q-Durrmeyer operators, accepted in SCI Journal i.e. **Fixed point theory and Applications 2013 (Springer Journal) 2013, 2013:84**, doi:10.1186/1687-1812-2013-84, Impact factor: 1.63 (Springer publication).

36. S. Husain, S. Gupta, **Vishnu Narayan Mishra**; Generalized $H(;; ; :)$ -n-Cocoercive Operators and Generalized Set-Valued Variational-Like Inclusions, **Journal of Mathematics, Vol. 2013**, Article ID 738491, 10 pages (Hindawi Publishing Corporation New York, USA), <http://dx.doi.org/10.1155/2013/738491>

37. Vishnu N. Mishra, Huzoor H. Khan, Idrees A. Khan, Lakshmi N. Mishra; Approximation of Signals (Functions) belonging to $Lip(\xi(t), r)$ – Class by $C^1.N_p$ Summability Method of Conjugate Series of its Fourier series, under communication.

38. Prashantkumar Patel, Vishnu Narayan Mishra; Some approximation properties of modified Jain-Beta operators, under communication.

39. Prashantkumar Patel, Vishnu Narayan Mishra; On Generalized Integral q-Bernstein Operators, under communication.

40. Prashantkumar Patel, Vishnu Narayan Mishra; Jain-Baskakov Operators and its different generalization, under communication.

Details of P.G. (M.Sc.) Thesis supervision: The following students have submitted M.Sc. project thesis at SVNIT, Surat under my supervision.

Sl. No.	Title of Thesis	Name of student[s]	Year (Session)
1.	A Study on the Trigonometric Approximation of Functions in Weighted L^p Spaces.	Vidyut Prakash (I07MA001)	May 10, 2012 (2011-12)
2.	Some results on the trigonometric approximation of functions in $Lip(\xi(t), r), (r > 1)$ – class	Dipak H. Prajapati (I07MA013)	2012-13 In progress

	by (E,q) ($q > 0$) means of conjugate series of its Fourier series		
3.	Summability theory	Shashank Kumar	In progress
4.	Operator theory	Ronak Parmar	In progress

Editorial Board Member & Reviewer of Reputed Journals:

1. Reviewer and Editorial Board member of International Journal of Mathematical Engineering and Science.

The web link is: <https://sites.google.com/site/ijmesjournal/reviewers>

<http://www.ijmes.com/index.php?pGt=9>

<https://sites.google.com/site/ijmesjournal/Editorial-Team>

<http://www.ijmes.com/index.php?pGt=5>

Certificates are on the website: <https://sites.google.com/site/ijmesjournal/certificates>

2. Editorial Board member of International Journal of Physical, Chemical and Mathematical Sciences (IJPCMS) – ISSN 2278 – 683X. The web link is: <http://gtia.co.in/Editorial.aspx>

3. Editorial Board member of International Journal of Multidisciplinary Research Studies (IJMRS). The web link is <http://www.ijmrs.com/Editorial%20Board.php>

4. Editorial Board member of International Journal of Physics, Chemistry and Mathematical Fundamentals (IJPCMF) – ISSN 2278–1846. The web link is <http://www.ijpcmf.com/editors.aspx>

5. Reviewer of American Journal of Computational and Applied Mathematics (AJCAM) e-ISSN: 2165-8943. The web link is <http://www.sapub.org/journal/reviewers.aspx?journalid=1076>

6. Reviewer of American Journal of Mathematics and Statistics (AJMS) e-ISSN: 2162-8475. The web link is <http://www.sapub.org/journal/reviewers.aspx?journalid=1042>

7. Editorial Board member of ARPN Journal of Science & Technology (ISSN: 2225-7217). The web link is http://www.ejournalofscience.org/Editorial_Board.php

8. Editorial Board member of International Journal of Research and Reviews in Applied Sciences (ISSN: 2076-734X, EISSN: 2076-7366). The web link is <http://www.arpapress.com/ijrras/IjrrasEditorial.aspx>

9. Editorial Board member of Asian Journal of Current Engineering and Mathematics [AJCEM] ISSN No.2277 –4920. The web link is <http://www.innovativejournal.in/index.php/ajcem/about/editorialPolicies#custom-0>

10. International Editorial Board member of International Journal of Management, IT & Engineering (IJMIE) ISSN: 2249-0558. The web link is http://www.ijmra.us/editor_ijmie.php

11. Editorial Board member of American Journal of Mathematics and Mathematical Science (AJMMS) ISSN: 2278-0874. The web link is: http://academicresearchjournals.com/editorial-board.php?journals_id=23

12. Reviewer of International Journal of Engineering Research (IJER) ISSN: 2319-6890. The web link is <http://www.ijer.in/ijer/index.php/explore/layout/editorial-board>

13. Editorial Board member of International Journal of Engineering Sciences Paradigms and Researches (IJESPR) ISSN: 2319-6564. Impact Factor: 0.5670. The web link is: <http://www.ijesonline.com/Editorial%20Board.php>

14. Editorial Board member of International Journal of Theoretical and Applied Sciences (IJTAS), ISSN NO. Print: 0975-1718, Online: 2249-3247. The web link is: http://www.researchtrend.net/Editorial_Board_Theoretical_%20Applied_Sciences.php

15. Academic Editor of British Journal of Mathematics & Computer Science (BJMCS).
16. Reviewer of International Journal of Scientific Engineering and Technology (IJSET), ISSN: 2277-1581. The web link is:
<http://ijset.com/ijset/index.php/editorial-board/reviewers/joined-in-2013>
17. Editorial Board member of International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN: 2319 – 8753. The web link is: <http://www.ijirset.com/about-us/editorial-board.html>

Paper presented in conferences / seminars:

1. Presented a paper entitled “On the Degree of Approximation of Signals (Functions) Belonging to the Weighted $(L_p, \psi_1(t))$ - Class” in 71st Annual Conference of the “Indian Mathematical Society” held at Department of Mathematics, Indian Institute of Technology Roorkee, Roorkee, India from December 26 - 29, 2005.
2. Presented a paper entitled “On the Degree of Approximation of Signals (Functions) Belonging to the Weighted $W(L_p, \xi(t)), (p \geq 1)$ - Class by Matrix (Linear) Operators on a Conjugate Series of Fourier Series” in the “National Conference on Analysis and its Applications” held at Department of Mathematics, Banaras Hindu University Varanasi - 221005, India from January 20 - 22, 2006.
3. Presented a paper entitled “Approximation of Signals (Functions) Belonging to the Weighted $W(L_p, \xi(t)), (p \geq 1)$ - Class by Almost matrix summability methods of its Fourier series” in 73rd Annual Conference of the “Indian Mathematical Society” held at Department of Mathematics, University of Pune, Pune, India from December 27 - 30, 2007.
4. Presented a paper entitled “On the Degree of Approximation of Signals (Functions) Belonging to the Weighted $W(L_p, \xi(t)), (p \geq 1)$ - class by Almost matrix summability method of its conjugate Fourier series” in the “International Conference on Analysis and its Applications (ICAA-08)” held at Department of Mathematics, Aligarh Muslim University, Aligarh - 202002, India from November 3-5, 2008.
5. Presented a paper entitled “Trigonometric Approximation of Functions in L_p – Norm” in the 74th Annual Conference of the “Indian Mathematical Society” held at Department of Mathematics, University of Allahabad, Allahabad during December 27-30, 2008.
6. Presented a paper entitled “On the degree of Approximation of Signals (Functions) belonging to the Weighted $W(L_p, \xi(t)), (p \geq 1)$ -class by $(C, 1)$ $(E, 1)$ means of its Fourier series” in the Platinum Jubilee 75th Annual Conference of the Indian Mathematical Society (IMS) held at Kalasalingam University (Kalasalingam Academy of Research and Education), Anand Nagar, Krishnankoil-626190, Srivilliputtur (via), Virudhunagar (Dt.), Tamil Nadu, India during December 27-30, 2009.
7. Presented a paper entitled “On the degree of Approximation of conjugate of Signals (Functions) belonging to the Generalized Weighted $W(L_p, \xi(t)), (p \geq 1)$ - class by Lower Triangular Matrix means” in the **International Conference on Challenges and Applications of Mathematics in Science and Technology (CAMIST)**” held at National Institute of Technology, Rourkela-769008, Orissa, India, during January 11-13, 2010.

8. Presented a paper entitled “On the degree of Approximation of Signals (Functions) belonging to Generalized Weighted $W(L_p, \xi(t)), (p \geq 1)$ -class by Product Summability Method” in **Young Scientist Award Category** of the **11th International Conference** of the International Academy of Physical Sciences (CONIAPS XI) (Focal Theme: Convergence in Science and Technology) organized by Institute of Interdisciplinary Studies, **University of Allahabad**, Allahabad-211 002 and the International Academy of Physical Sciences, Allahabad, India during February 20-22, 2010.
9. Presented a paper entitled “Approximation of conjugate of Signals (Functions) by Lower Triangular Matrix Means” in Young Scientist Award Category of the **12th International Conference** of the International Academy of Physical Sciences (CONIAPS XII) on Emerging Interfaces of Physical Sciences organized by University of Rajasthan, Jaipur-302 004, in association with Arya Institute of Engineering and Technology, Jaipur-302 028, India during December 22-24, 2010.
10. Attended the 76th Annual Conference of Indian Society for theoretic & Applied Mathematics (ISTAM) organized at Applied Mathematics & Humanities Dept., Sardar Vallabhbhai National Institute of Technology, Surat, India during December 27-30, 2010 and presented a paper entitled “Approximation of Signals (Functions) by Product Summability Transform”.
11. Delivered **Invited Lecture** entitled “On the degree of approximation of Signals (Functions) of class $Lip(\alpha, r), (r \geq 1)$ by Almost Riesz Means of its Fourier series” and **Chaired a Session** in the **13th International Conference** of the International Academy of Physical Sciences (CONIAPS XIII) (Focal Theme: Emerging Interfaces of Physical Sciences and Technology) organized by University of Petroleum and Energy Studies, Dehradun (India) during June 14-16, 2011.
12. Presented a paper entitled “ Approximation of Signals (Functions) in the Generalized Lipschitz class” in the “**International Conference** on Special Functions and their Applications (ICSFA-2011) & Symposium on Works of Ramanujan” organized by Dept. of Maths & Statistics, J.N. Vyas Univ., Jodhpur and Society for Special Functions & their applications in association with JIET Group of Institutions, Jodhpur, during July 28-30, 2011.
13. Participated and presented a paper entitled “Approximation of Signals (Functions) by Product Summability Transform” in the **International Conference** on Analysis and its Applications (ICCA-11) (Under UGC-DRS Programme) held in the Dept. of Mathematics, Aligarh Muslim University, Aligarh during November 19 – 21, 2011.
14. Presented a paper entitled “Trigonometric Approximation of Signals (Functions) in L_p -norm” in the 14th Int. Conf. (CONIAPS-XIV) on “Physical Sciences Interface with Humanity organized by SVNIT, Surat during December 22-24, 2011.
15. Presented a paper entitled “On approximation of conjugate of signals (functions) belonging to the generalized weighted $W(L_r, \xi(t)), (r \geq 1)$ -class product summability by means of conjugate series of Fourier series” for VM Shah Prize in the 77th Annual Conference of the Indian Mathematical Society, held at School of Mathematical Sciences, S.R.T.M. University, Nanded (Maharashtra) during December 27-30, 2011.
16. Presented a paper entitled “Error Estimates for Trigonometric Approximation of Signals (Functions) belonging to the $Lip(\xi(t), r), (r > 1)$ – class by $(E, q)(q > 0)$ - means of the conjugate series of its Fourier series in L_p -spaces” in the National Conference on Advances in Mathematical Sciences (AMS-2012), held at Motilal Nehru National Institute of Technology, Allahabad – 211 004 during October 05-07, 2012.

17. Presented a paper entitled “Using Linear Operators to Approximate Signals (Functions) of Lip (α, p) , $(p \geq 1)$ - Class” in the International Conference on Mathematical Sciences “ICMS-2012” held in S.S.E.S. Amravati’s Science College, Congress Nagpur, Nagpur – 440012 (M.S.), India in collaboration with Abant Izzet Baysal University, Bolu, Turkey & Gaikwad Patil Group of Institutions, Nagpur from 28-31 December 2012.

18. Presented a paper for V.M. Shah prize in the 78th Annual Conference of the Indian Mathematical Society held in the Banaras Hindu University, Varanasi (UP) during January 22-25, 2013.

Participation in Workshop/Symposium and Short Term Training Programme

1. Participated in the Workshop on “Nonlinear Dynamical Models And Their Behavior” from 11th to 13th March, 2005 in the Department of Mathematics, I.I.T. Roorkee, Roorkee (Uttarakhand), India.

2. Participated in the XXI Annual Conference of “The Mathematical Society” held at Banaras Hindu University Varanasi from January 23 and 24, 2006.

3. Participated at Lecture series on “Generalized Laws of Mass, Momentum and Energy Conservation” held during February 6-8, 2008 at Mechanical Engineering Department of S.V. National Institute of Technology, Surat-395007, (Gujarat) India.

4. Attended the Symposium on “Current Trends in Biomathematics” on 14th March 2005, held in the Department of Mathematics, I.I.T. Roorkee, Roorkee (U.A.), India.

5. Attended “Induction Training” organized by Effective Quality Upgradation Assistance for Technical Education, New Delhi during January 21-23, 2008 at S.V. National Institute of Technology, Surat-395007, (Gujarat), India.

6. Attended “Pedagogy Training” organized by Effective Quality Upgradation Assistance for Technical Education, New Delhi during May 12-15, 2008 at S.V. National Institute of Technology, Surat-395007, (Gujarat), India.

7. Attended “Training on Research Methodology in Engineering” organized by Effective Quality Upgradation Assistance for Technical Education, New Delhi during May 16-17, 2008 at S.V. National Institute of Technology, Surat-395007, (Gujarat), India.

8. Participated in “AICTE Staff Development Programme on Computational Models, Tools and Techniques in Bioinformatics” jointly organized by Department of Mathematics and Bioinformatics at MANIT, Bhopal during May 19th to 29th, 2008.

9. Attended “An Advanced Training in Mathematics (ATML) in **Functional Analysis** for Lecturers” supported by the National Board for Higher Mathematics conducted by the Indian Statistical Institute, Bangalore, during June 2-13, 2008.

10. Participated in “Advanced Instructional School in **Complex Analysis**” supported by the National Board for Higher Mathematics jointly organized by Bhaskaracharya Pratishthana and Department of Mathematics, University of Pune, Pune during 14th June – 2nd July, 2008.

11. Attended and **Invited talk** on the topic entitled “Some basic important tools used in Approximation Theory” in the AICTE Sponsored Staff Development Programme on Applications of Mathematical Sciences and Soft Computing organized by Dept. of Applied Sciences & Humanities, S.V. National Institute of Technology, Surat, Surat during 8th-12th December, 2008.

12. Attended one week Faculty Induction Programme under Finishing School Programme, Initiated by MHRD, held during December 15-19, 2008 at SVNIT, Surat, Surat (Gujarat).

13. Attended the Staff Development Programme on “Recent Scientific and Technological Advances in Physical Sciences (RSTAPS’08-09)” organized by

Physics Section, Dept. of Applied Sciences & Humanities, S.V. National Institute of Technology, Surat during 29th Dec. 2008 to 2nd Jan. 2009.

14. Attended one week short term training Programme on “Pedagogy and Research Methodology” held by the Dept. of Mechanical Engineering and Dept. of Chemical Engineering at S.V. National Institute of Technology, Surat during January 19-23, 2009.

15. Participated in the “Advanced Training School for Mathematics Lecturers (ATML) in **Measure Theory and Differential Geometry**” supported by the National Board for Higher Mathematics conducted in the Department of Mathematics, Indian Institute of Technology, Bombay, during June 8-27, 2009.

16. Participated in the one-week AICTE sponsored Short-Term Training Programme on “Sustainable Water and Waste Management Techniques” conducted by the Civil Engg. Dept. of SVNIT, Surat during 27-31 July, 2009.

17. Attended one week short term training programme on “Pedagogy and Research Methodology” jointly organized by the Deptt. of Mechanical Engineering & Dept. of Chemical Engineering at S.V. National Institute of Technology, Surat during August 3– 7, 2009.

18. Attended short term training programme on “Advanced in Condensed Matter Physics” organized by the Deptt. of Applied Physics, S.V. National Institute of Technology, Surat during 31st August – 4th September 2009.

19. Attended Staff Development Programme on “Non-Destructive Testing” organized by the Deptt. of Applied Physics, S.V. National Institute of Technology, Surat during 5th - 9th October 2009.

20. Participated in the one-week AICTE sponsored Short-Term Training Programme on “Engineering Drawing Using CAD” conducted by the Civil Engg. Dept. of SVNIT, Surat during 23 - 27 November, 2009.

21. Attended in the one-week AICTE sponsored Short-Term Training Programme on “Recent Trends in Material Sciences and Technology” organized by the Dept. of Applied Physics, SVNIT, Surat during 7th to 11th December, 2009.

22. Attended in the one-week AICTE sponsored Short-Term Training Programme on “**Mathematical Applications in Real World Problems**” organized by the Dept. of Applied Mathematics & Humanities, SVNIT, Surat during 14th to 18th December, 2009.

23. Attended Staff Development Programme on “Mathematical Modeling and Simulation” organized by the Deptt. of Applied Mathematics and Humanities, S.V. National Institute of Technology, Surat during December 21-25, 2009.

24. Participated in the AICTE sponsored Short Term Training Programme on “Advanced Applications of Finite Element Method” organized by Mechanical Engineering Department, S.V. National Institute of Technology, Surat during January 18-22, 2010.

25. Attended Staff Development Programme on “Advance Topics in Applied Physics” organized by the Deptt. of Applied Physics, S.V. National Institute of Technology, Surat during February 01-05, 2010.

26. Participated in the “Advanced Training Programme in Functional Analysis-2009” organized by the DST-Centre for Interdisciplinary Mathematical Sciences, Banaras Hindu University, Varanasi from 21st June – 3rd July 2010.

27. Participated in the Training Programme on Nonlinear Analysis with Applications to Optimization and Game Theory held in the Dept. of Mathematics, Aligarh Muslim University, Aligarh during November 16 – 19, 2011, sponsored by DST.

28. Attended “Science Academies’ Lecture Workshop on Partial Differential Equations and its applications” held at AMHD, SVNIT, Surat from 1-4, March 2012.

29. Participated in Instructional School for Lecturers (ISL) in Real Analysis and Measure Theory from March 26 to April 7, 2012 at Institute of Life Long Learning, University of Delhi, Delhi supported by NBHM.
30. Participated & presented a paper in the Training Programme on Integral Transforms, Wavelets, Distribution Theory & Applications organized by the DST-Centre for Interdisciplinary Mathematical Sciences (CIMS), Faculty of Science, Banaras Hindu University, Varanasi-221005 during July 12-21, 2012.
31. Attended & **Invited Talk** in National Seminar on “Analysis, Geometry and Applications” held at the Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar – 388 120 (Gujarat) during 07-08 March 2013 sponsored by UGC under UGC-SAP-DRS-II..

STTP/CONFERENCE/WORKSHOP Organized:

1. Co-ordinator of Workshop on “Life of Srinivas Ramanujan and his contributions in field of Mathematics” (Celebration of Mathematics Year – 2012) during 26-27 October 2012 organized by Dept. of Applied Mathematics & Humanities, SVNIT, Surat -395007 (Gujarat), India.

Reviewed Papers for Journals:

1. Paper entitled “Inclusion Relationships and Integral-Preserving Properties of Certain classes of p-Valent Meromorphic Functions” by R.M. El-Ashwah and M.K. Aouf for the publication in International Journal of Special Functions and Applications (IJSFA) (Mind Reader Publication), May 2012.
2. Paper entitled “Analytical Approximate Solutions to Some Non-homogeneous Equations Arising in Engineering” by Peyman Nikaeen, D. D. Ganji, Houman B. Rokni for publication in American Journal of Computational and Applied Mathematics (AJCAM), March 2013.
3. Paper entitled “Generalized Growth and Approximation of Pseudoanalytic Functions on the Disk” by Devendra Kumar, Vandna Jain & Balbir Singh for publication in British Journal of Mathematics & Computer Science.

Extracurricular activities (Life Membership of Professional Bodies):

1. Examiner of Credit Seminar & Research Progress Committee to evaluate research progress seminar report of various Research scholars in AMHD, SVNIT, Surat.
2. Member of the Organizing committee of various STTP & conferences held at SVNIT, Surat.
3. Life member of Indian Mathematical Society (IMS) in December 27-30, 2007 at University of Pune, Pune, Life Membership No. M-07-091.
4. Life member of International Academy of Physical Sciences (IAPS) in February 20-22, 2010 at University of Allahabad, Allahabad, Life Membership No. N1076.
5. Performed as Presiding officer (PR/03252) in Gujarat state 25-Navsari (164 Udhana) Loksabha election-2009 on 30/04/2009.
6. Performed as Presiding officer (PR-392) in Surat Municipal Corporation general election-2010 on 10/10/2010.
7. Performed as Presiding officer (NPR/04537) in Gujarat state 163-Limbayat Vidhan Sabha election on 13/12/2012.
8. Administrative work done: Member of Anti-Ragging committee 2008-till present.

DECLARATION:

I hereby declare that all the statements made in curriculum vitae are true to the best of my knowledge and belief.

Dated:

Place:

Yours Faithfully

(VISHNU NARAYAN MISHRA)