

CURRICULUM VITAE

Dr. Suyash Narayan Mishra

Associate Professor (Mathematics)

Department of Applied Sciences

INSTITUTE OF ENGG. & TECHNOLOGY, SITAPUR ROAD, LUCKNOW (U.P.)

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ACADEMIC QUALIFICATIONS :

Examination/ Degree	Year	Main Subject (s)	Division	% of Marks	Board / University
Ph. D.	2003	Mathematics	----	----	D. D. U. Gkp. University, Gorakhpur, India
Master's Degree	1997	Mathematics	I	70.00	D. D. U. Gkp. University, Gorakhpur, India
Bachelor's Degree	1994	Mathematics, Physics	II	59.33	D. D. U. Gkp. University, Gorakhpur, India
Intermediate (10+2)	1991	Maths, Physics, Chemistry	I	67.80	U. P. Board, Allahabad, India
Highschool (10th)	1989	Maths, English, Science	I	67.10	U. P. Board, Allahabad, India

TITLE OF Ph.D. THESIS : "Some Remarks on Summability Methods"

TEACHING EXPERIENCE: (Total 17 Years)

1. *Presently working as Associate Professor (Mathematics) in Applied Sciences Department , Institute of Engg. & Technology, Sitapur Road, Lucknow (U.P.) since Aug. 24, 2017 in the pay scale of 37400—46400 with AGP of 9000.*
2. *Worked as Associate Professor (Mathematics) in Amity School of Applied Sciences, Amity University, Lucknow (India) from Sept. 1, 2014 to Aug. 23,2017 in the pay scale of Rs. 14100-420-18300 (Pre-revised, Vth pay) and as Assistant Professor in the pay scale of 12000-420-18300 from July 21, 2008 to Aug. 31, 2014 in Amity School of Engg. & Technology, Amity University, Lucknow (India) .*
3. *Worked for six years in Institute of Technology and Management, Gorakhpur (U.P.) India (An Engg. College affiliated to Uttar Pradesh Technical University, Lucknow) from Aug. 12, 2002 to May 10, 2008 as Lecturer and from May 11, 2008 to July 20, 2008 as Assistant Professor.*
4. *Worked for one year in Radha Gobind Engg. College, Meerut (U. P.) india (An Engg. College affiliated to Uttar Pradesh Technical University, Lucknow) as Lecturer from Aug. 27, 2001 to Aug. 11, 2002 .*

ACADEMIC/ ADMINISTRATIVE EXPERIENCE:

1. *Reviewer of the International Journal of Research Engg. & Technology.*
2. *Reviewer of Momona Ethiopian Journal of Science (MEJS), Ethiopia.*
3. *Flying squad, Observer in Uttar Pradesh Technical University exams.*
4. *Member of Examination Committee.*
5. *Theory and practical examiner in various Universities in UG and PG programs.*

SPECIAL ACHIEVEMENTS :

- a. *Got 99% and 100% feedback of students for best teaching in different classes.*
- b. *Got distinction in Mathematics and Physics in class 10th and 12th level.*
- c. *Got an offer of appointment by Ethiopian Government owned University (Arba Minch University) as an Assistant Professor in 2012 .*

SUBJECTS TAUGHT :

Various subjects taught in different semester as per Uttar Pradesh Technical University and Amity University syllabus.

- 1. Engineering Mathematics-I , II , III**
- 2. Computer based Numerical and Statistical Techniques**
- 3. Mathematics for Pharmacists**
- 4. Discrete Mathematics**
- 5. Optimization Techniques**

RESEARCH PUBLICATIONS:

Research papers Published/ Accepted for publication :

- 1. Mishra B. P. and Mishra S. N., Some Remarks on Product Summability methods , " Progress of Maths ", Vol. 35 (Nos. 1 & 2) 2001, 13-26.**
- 2. Mishra S. N., Cesaro mean and product Summability methods , " Indian Journal of Pure and Applied Maths", Vol. 32 (11), 1153-1161 (2004).**
- 3. Mishra B. P. and Mishra S. N., Strong Summability of functions based on $(D,k)(C,\alpha,\beta)$ summability methods , " Bulletin Calcutta Mathematical Society", Vol. 99 (3), 305-322 (2007).**
- 4. Mishra B. P. and Mishra S. N., Some Tauberian Theorems based on $(D,k)(C,\alpha,\beta)$ summability methods, "Varahmihir Journal of Mathematical Sciences", Ujjain, Vol 2, 354-363 (2007).**
- 5. Mishra B. P. and Mishra S. N., Absolute summability of functions based on $(D,k)(C,\alpha,\beta)$ summability methods, " Bulletin of Allahabad Mathematical Society ", Vol 23 (1), 159-168 (2008).**
- 6. Tripathi Piyush and Mishra S. N., Common fixed Point Theorems under different contractive Conditions, "Journal of Mathematics Applied in Science and Technology" , Volume 3 , Number 1 (2011) , pp. 1-12 .**

7. **Mishra S. N. and Tripathi Piyush, Relative strength of strong Cesaro Summability methods and $(D, k)(C, \alpha, \beta)$ summability methods, "International Journal of Mathematics Research", Volume 3, Number 1 (2011), pp. 39-51.**
8. **Mishra S. N., Temperature distribution in Manifold of higher order dimensions, "International Journal of Mathematics Research", Volume 4, Number 5 (2012), pp. 493-495.**
9. **Mishra S. N., Some remarks on product Summability of sequences, "Global Journal of Science Frontier Research USA", Volume 12, Issue 11 (2012), pp 43-44.**
10. **Mishra S. N. and Tripathi Piyush, Cesaro mean of product summability of ODE's differential equations in sequences, "International Journal of Emerging Tehnology & Advance Engineering", Volume 4, Issue 1 (2014), pp 599-604.**
11. **Mishra S. N., Cesaro mean of product summability of partial differential equation in sequences, "Global Journal of Science Frontier Research USA", Volume 13, Issue 11 (2013), pp 99-100.**
12. **Tripathi Piyush and Mishra S. N., Coincidences and Common fixed point theorem in metric space, "International Journal of Emerging Technology & Advance Engg.", Volume 5, Issue 2 (2015), pp 305-307.**
13. **Mishra S. N. and Tripathi Piyush, Tauberian theorem for (C, α, β) -convergence of cesàro means of order k of functions, "IOSR Journal of Mathematics" Volume 11, Issue 2 Ver. VI (2015), pp 43-50.**
14. **Kumar Anuj, Agarwal Alok, Mishra S. N. and Tripathi Piyush, Existence of Hopf-bifurcation in a 5- dimensional system, "Indian Journal of Mathematics" Volume 3, Number 1 (2015), pp 33-38.**
15. **Mishra S. N. and Tripathi Piyush, Cesaro mean & analysis of product summability methods, "Global Journal of Pure & Applied Mathematics" Volume 12, Number 1 (2016), pp 117-124.**
16. **Tripathi Piyush and Mishra S. N., Application of Contraction Mapping In Menger space, "Global Journal of Pure & Applied Mathematics" Volume 14, Number 5 (2016), pp 317-321.**
17. **Mishra S. N., Holder Mean of (C, α, β) Convergence of k -th Order of Sequences, "International Journal-Mathematical Manuscripts" Volume 09, Number 5 (2016), pp 95-100.**

18. **Mishra S. N. and Tripathi Piyush , A Gehring Theorem for (C, α, β) Convergence of Cesaro Means of Functions “International Journal- Mathematical Manuscripts” Volume 09, Number 2 (2016), pp 203-206.**
19. **Mishra S. N. , On Double Fourier Series and Product Summability Methods “International Journal of Computational and Applied Mathematics” Volume 12, Number1 (2017), pp 125-128.**
20. **Mishra S. N. Tripathi Piyush & Gupta M , Temperature distribution in Symmetric Sub Manifold Structures of N- dimensions “Global Journal of Pure & Applied Mathematics” Volume 13, Number 2 (2017), pp 171-178.**
21. **Tripathi Piyush, Mishra S. N. & Gupta M , Application of dual contraction “Global Journal of Pure & Applied Mathematics” Volume 13, Number 6 (2017), pp 1527-1535.**
22. **Mishra S. N. and Khan tuba , Temperature distribution in Manifold of higher dimensions with variable boundary conditions “ Advances in Dynamical systems and applications” Volume 12, Number12 (2017), pp 101-106.**
23. **Tripathi Piyush, Mishra S. N. & Agrawal A.K., Contraction Mapping and its Applications in Menger Space “ Global Journal of Engg. Science and Research Management” Vol 4(9), September 2017.**

BOOKS PUBLISHED :

1. **A Text Book Of Engg. Mathematics – III (Jointly with Dr. V. S. Verma & Dr. S. K. Srivastava)**
2. **A Text Book Of Numerical Methods and Optimization (Jointly with Dr. V. S. Verma & Dr. S. K. Srivastava)**
3. **A Text Book Of Engg. Mathematics – II (Jointly with Dr. V. S. Verma)**
4. **Theory of Functions of a Complex variable**
5. **Introduction to Differential Equations (In press)**

Life Membership:

1. *National Academy of Mathematics, India*
2. *Bulletin Calcutta Mathematical Society, India*
3. *Tensor Society of India*
4. *The Mathematical Society, B.H.U., India*
5. *Mathematical Society of Hungary*

CONFERENCE / SEMINAR / WORKSHOP ATTENDED:

1. *On the occasion of 65th annual Conference of Indian Mathematical Society held at Deptt. Of Mathematical Science, A.P.S. University Rewa (M.P.) from 20-23 dec. 1999, participated and presented the paper on the topic "Some remarks on product summability methods".*
2. *On the occasion of 66th annual conference of Indian mathematical Society held at Vivekanand Arts, Sardar Dilip Singh Commerce & Science College, Aurangabad, from Dec. 19 - 22, 2000, participated and presented the paper on the topic "Strong summability of functions based $(D,k)(C,\alpha,\beta)$ summability methods"*
3. *On the occasion of Conference on "Current Trends in Mathematics" held at Department of Mathematics, University of Allahabad, Allahabad- 211002 from Nov. 7 - 9, 2002, participated & presented the paper on the topic "Some Tauberian Theorems based on $(D,k)(C,\alpha,\beta)$ summability of functions.*
4. *On the occasion of 68th annual conference of Indian Mathematical Society held at Department of Mathematics, Shivaji University, Kolhapur form Dec. 20 - 23, 2002, participated and presented the paper on the topic "Absolute summability of functions based on $(D,k)(C,\alpha,\beta)$ summability methods".*
5. *On the occasion of Sixth Conference of International Academy of Physical Sciences held at Department of Mathematics, D. D. U. Gorakhpur University, Gorakhpur from Feb. 6 - 8, 2004, participated and presented the paper on the topic "Some Tauberian theorems based on $(D,k)(C,\alpha,\beta)$ summability methods-I.*
6. *On the occasion of Internatinal conference on "Emerging Frontiers in Physical Sciences" in honour of Professor T. Pati on completion of his 75th year, held at Department of Mathematics, University of Allahabad from Dec. 21-23, 2004,*

participated and presented the paper on the topic “Strong Summability of functions based on product summability methods $(D,k)(C,\alpha,\beta)$.

7. *Attended the National Seminar on Nano Technology held at Institute of Technology and Management, GIDA, Gorakhpur from Nov. 5 - 6, 2004.*
8. *Organized a day long workshop on “Science and Technology in Ancient Indian Literature and Tradition” held at Madan Mohan Malviya Engineering College, Gorakhpur on Oct. 27, 2007.*
9. *On the occasion of National Conference on “Current trends in Mathematics with special focus on “Operations research and computers” held at Department of Mathematics & Statistics, Dr. Ram Manohar Lohia Awadh University, Faizabad (U.P.) from march 28- 29, 2010, participated and presented the paper on the topic “ Relative strength of strong Cesaro summability methods and $(D,k)(C,\alpha,\beta)$ summability methods .*
10. *Attended the third National Conference on Nanomaterials and Nano - technology organized by Amity school of Engg. And Technology , held at Amity University, Uttar Pradesh Lucknow Campus from Dec 21-23, 2010.*
11. *Attended the National workshop on Optimization and Information theory with their applications held at Jaypee University of Engineering and Technology, Guna (M.P.) from march 24-26, 2011.*
12. *Attended the National Conference on Recent trends in Mathematics and Statistics organized by D.D.U. Gorakhpur University, Gorakhpur held at D.D.U. Gorakhpur University, Gorakhpur (U.P.) India from March 12-13, 2012 and presented the paper on the topic “ Temperature distribution in manifold of higher order dimensions”.*
13. *Attended the International Conference on “Technological Innovations Through Modern Engineering Sciences (TIMES-2013)” held at Department of Applied Sciences, Institute of Engg. & Technology, Alwar (Rajasthan) from Feb. 23-24, 2013 and presented a paper on the topic “Comperative study of Cesaro and Abel method of Summation”.*
14. *Attended the short term training programme on “ Numerical Methods and its Applications in Science and Engg.” held at Department of Mathematics, National Institute of Technology, Jamshedpur (Jharkhand) from Aug. 19-23, 2013.*
15. *Attended the International Conference on “Differential Geometry and Relativity (ICGDR-2013)” organized by The Tensor Society and D.D.U. Gorakhpur University,*

Gorakhpur held at D.D.U. Gorakhpur University, Gorakhpur (U.P.) India from Nov. 09-11, 2013.

16. *Attended the International Conference on "Mathematical Modelling and Computer Simulation with Applications (ICMMCSA-2014)" organized by The Department of Mathematics and Statistics, Indian Institute of technology, Kanpur (U.P.) India from Dec. 31, 2013- Jan.02, 2014 and presented a paper on the topic " Cesaro mean of Product Summability of Partial differential equations of sequences".*
17. *Attended the 29th annual National Conference on "Recent Trends in Mathematical Modelling and Simulations" organized by The Department of Mathematics, Faculty of Science, Banaras Hindu University,Varansi - 221005, (U.P.) India from Feb. 03 –Feb .04, 2014 and presented a paper on the topic " Holder mean of Strong Summability of Ordinary differential equations of sequences".*
18. *Attended the Inspire Internship Camp and gave a Invited talk on " Use of Mathematics in Science & Technology and its development" organized by Buddha Post graduate College, Kushinagar (U.P.) India on Feb. 24, 2014.*
19. *Participated in the workshop on " Combinatorics and Graph theory in Science and Engg. " organized by Department of Mathematics, Jaypee University of Information Technology,Waknaghat, Solan (H.P.) , during November 3 to 8, 2014.*
20. *Attended the National Conference on Applications of Mathematics in Engg. and Science organized by Department of Mathematics Motilal Nehru National Institute of Technology, Allahabad (U.P.) India from Nov. 29-30, 2014 and presented the paper on the topic " Cesaro mean of Product Summability of double Fourier series.*
21. *Attended the National Conference on "Mathematical Analysis and Applications" organized by Department of Mathematics, Faculty of Science, Banaras Hindu University,Varansi (U.P.) India from Jan. 30-31, 2015 and presented the paper on the topic "comparison of CesÀro mean of Strong and Absolute Summability of double Fourier series".*
22. *Attended the National Conference on "Advances in Mathematical Science and its Applications " jointly organized by Indian Society of Mathematics and Mathematical Sciences and D.D.U. Gorakhpur University, Gorakhpur and presented the paper on the topic " Study of CesÀro mean of Strong Summability of Fourier series". held at D.D.U. Gorakhpur University, Gorakhpur (U.P.) India from Feb. 20-21, 2015.*
23. *Attended and actively Participated in Faculty Development Programme organized by Amity University, Uttar Pradesh, Lucknow from June 30, 2015 to July 06, 2015 .*

24. *Attended the National workshop on Quality Enhancement Under Career Advancement Scheme (CAS) at B S N V P G College, Lucknow on July 07, 2015.*
25. *Attended the Complementary seminar on Metlab and Simulink for Engg. Education held at Hotel Vivanta by Taj, Lucknow (U.P.) on July 09, 2015.*
26. *Attended the Advance Workshop on Integral Equations-Solvability Analysis and Applications and gave a Invited lecture on “ Solution of Linear and Non Linear Integral Equations & its Applications” organized under (NPDE-TCA) sponsored by Department of Science & Technology, Govt. of India held at Jaypee University of Information Technology, Waknaghat, Solan (H.P.) , during October 19-25, 2015.*
27. *Attended the International Conference on “Emerging Trends in Engg. & Technology (ICET-2015) ” organized by Institute of Scientific and Engg. Research and presented the paper on the topic “ Comperison of CesÀro mean of Strong and weak Summability of Fourier series” held Yatrik Hotel, Civil Lines, Allahabad, Uttar Pradesh on Nov. 01, 2015.*
28. *Attended the International Conference on “Plasma Science, Technology & Application” organized by Amity University, Lucknow (U.P.) and presented the paper on the topic “Modelling of atmosphearic ... production” held at Amity University, Lucknow (U.P.), Uttar Pradesh on Jan. 20-21, 2016.*
29. *Attended the National Conference of Gwalior Academy of Mathematical Sciences jointly organized by Gwalior Academy of Mathematical Sciences & Jiwaji University, Gwalior (M.P) and presented the paper on the topic “Application of Cesaro and Holder mean in sequence spaces” held at Jiwaji University, Gwalior (M.P) on Feb. 05-07, 2016.*
30. *Attended the International Conference on “Current Scenario and Prospectus of Nanotechnology and Biostatistics” organized by U.P. Rajarshi Tandon Open University, Allahabd (U.P.) and presented the paper on the topic “Models for the effect of a Toxicant on a Biological species” held at U.P. Rajarshi Tandon Open University, Allahabd (U.P.) on Feb. 25-26, 2016.*
31. *Attended the National Conference on “Recent Advances in Mathematics for Engineers (RAME-2016) organized by Amity School of Applied Sciences, Amity University, Lucknow (U.P.) and presented the paper on the topic “Reisz and Holder method of Summation” held at Amity University, Lucknow (U.P.) on Sept. 29-30, 2016.*
32. *Attended the National Conference on “Key Aspects of Interface Between Biology And Engineering” organized by Amity School of Applied Sciences, Amity University, Lucknow (U.P.) and presented the paper on the topic “Effect of Magnetic Field in Blood Flow” held at Amity University, Lucknow (U.P.) on Oct. 18, 2016.*

33. *Organized a day long seminar on “Key Aspects of Interface Between Biology And Engineering ” held at by Amity School of Applied Sciences, Amity University, Lucknow (U.P.) on Oct. 18, 2016.*
34. *Attended the Interational Conference of the Indian Mathematics Consortium in cooperation (TIMC) with American Mathematical Society (AMS) organized by DST centre for Interdisciplinary Mathematical Sciences, Institute of Sciencs, Banaras Hindu University,Varansi (U.P.) India from Dec. 14-17, 2016 and presented the paper on the topic “On Reisz and CesÀro methods of product Summability”.*
35. *Attended the National Seminar on “Recent trends in Mathematics and its Applications (RTMA-2017) and gave a Invited talk on “ Divergent Series, Methods of Summation” organized by Marwar Business School (A P.G. College affiliated to D.D.U. Gorakhpur University,Gorakhpur) U.P., India on Feb. 19, 2017.*
36. *Attended the International Conference on “Rrevamping of Education System Through new Education policy” organized by Amity School of Education, Amity University, (U.P.) and presented the paper on the topic “Comperative study of Cesaro and Abel’s mean of product summability methods” held at Amity University, Lucknow (U.P.) on March. 02-3, 2017.*
37. *Attended the International Conference on “Challenges and opportunities for technological innovation in India” organized by Ambalika Institute of Management Technology, (U.P.) and presented the paper on the topic “Study of Cesaro mean of strong summability of bounded sequences” held at Ambalika Institute of Management Technology, (U.P.) on March. 03-04, 2017.*
38. *Attended the International Conference on “Biological Sciences and Bio-Statistics” organized by U.P. Rajarshi Tandon Open University,Allahabd (U.P.) and presented the paper on the topic “Survival of a Biological species under the hazardous threat of Toxicants : Some Mathematical Models” held at U.P. Rajarshi Tandon Open University, Allahabd (U.P.) on March. 09-10, 2017.*
39. *Attended the International symposium on “Computational and characterization techniques in engg. & sciences” organized by Integral University, Lucknow (U.P.) and presented the paper on the topic “ On Riesz product summability methods” held at by Integral University, Lucknow (U.P.) on March. 20, 2017.*
40. *Attended the National Conference on “Current trends in chemical and environmental sciences and their applications ” organized by Amity School of Applied Sciences, Amity University, Lucknow (U.P.) and presented the paper on the topic “use of mathematics in chemical and environmental sciences” held at Amity University, Lucknow (U.P.) on march 29-30, 2017.*

41. *Organized a national seminar on “Current trends in chemical and environmental sciences and their applications ” held at by Amity School of Applied Sciences, Amity University, Lucknow (U.P.) on march 29-30, 2017.*
42. *Attended the National Conference on “Importance of Technical Terminology in Mathematics & Its Applications” organized by Commission for Scientific & Technical Terminology, New Delhi and presented the paper on the topic “Summability of Fourier Series” held at Nehru Gram Bharati (Deemed to be University) Allahabad, during February 16-18, 2018.*
43. *Attended the National Conference on “Recent trends in Mathematics & Its Applications” organized by Deptt. Of Mathematics, Madan Mohan Malviya University of Technology, Gorakhpur and presented the paper on the topic “Summability of Double Fourier Series”..*