

CARRICULUM VITAE

1. Name : **PRATULANANDA DAS**

2. Address :

(i) Official address : Department of Mathematics, Jadavpur University, Kolkata - 700032, West Bengal, India.

Mobile number: +91 9432091144, E-mail: pratulananda@yahoo.co.in.

(ii) Residential address : 3rd Floor, 78/3 Regent Estate, Kolkata - 700092, West Bengal, India.

3. Date of Birth : 26.10.1970

4. Present Position : **Professor of Mathematics, Jadavpur University.**

5. Educational Qualifications :

- Passed Secondary in 1986 from Pathabhavan (Visva Bharati University).
- Passed Higher Secondary in 1988 from Uttar Siksha Sadan with (Visva Bharati University).
- Passed B.Sc. from Visva Bharati University in 1991 (First class First).
- Passed M.Sc. from Visva Bharati University in 1993 (First class Second).
- Cleared and stood All India Seventh (with 98.81 percentile) in GATE, 1993.
- Cleared CSIR, December 1992 and received CSIR Fellowship from 01.02.1994 - 27.07.1997.
- Received Ph.D. from Kalyani University in 2000.

6. Professional positions held :

- Lecturer in Mathematics at Jadavpur University from 28.07.1997 - 27.07.2001.
- Senior Lecturer in Mathematics at Jadavpur University from 28.07.2001 - 16.01.2005.
- Reader in Mathematics at Jadavpur University from 17.01.2005 - 16.01.2008.
- Associate Professor in Mathematics at Jadavpur University from 17.1.2008 - 16.01.2011.
- Professor of Mathematics at Jadavpur University from 17.01.2011.

7. Courses taught and other services provided to students :

- Has so far guided ten students for their Ph.D. degree.

(i) Dr Md Mamun Ar Rashid (now in Santipur College) Ph.D. in 2003.

(ii) Dr Amar Kumar Banerjee (now in Burdwan University) Ph.D. in 2005.

(iii) Dr Lakshmi Kanta Dey (now in NIT Durgagur) Ph.D. in 2008.

(iv) Dr Prasanta Malik (now in Burdwan University) Ph.D. in 2009.

(v) Dr Sanjoy Kumar Ghosal (now in Netaji Subhas Open University) Ph.D. in 2010.

(vi) Dr Sudip Kumar Pal (now in Diamond Harbor Women's University) Ph.D. in 2012.

(vii) Dr Santanu bhunia (now in Fakirchand College, Diamond Harbour) Ph.D. in 2013.

(viii) Dr. Sudipta Dutta (Now in Jhargram Raj College) Ph.D. in 2015.

(ix) Dr. Debraj Chandra (now in Gourbanga University) Ph.D. in 2015.

(x) Dr. Kautubh Dutta (now in Techno India engineering college) in 2016.

(xi) Eight students are now registered as PhD students including Mrs. Sumana Pal (Alia University) and Mr. Ripan Saha (Raigunge University) .

- Has been taking the Real Analysis/Measure Theory course in PG-I from 2001. Has also taken the Topology course in PG-I and Advanced Topology and Advanced Functional Analysis course in PG-II apart from taking calculus on \mathbb{R}^n in UG level over the years.

8. Has written and published more than 80 research papers in different international journals of which 50 have been published or accepted in SCIE (Web of sciences) journals. Has Citations : 590 (Scopus), 290 (Mathscinet); h-index : 13 (Scopus), 9 (Mathscinet).

LIST OF SELECTED PAPERS FROM 2010:

LIST OF PAPERS IN SET THEORY, SET THEORETIC TOPOLOGY, TOPOLOGY

- [1*] P. Das, D. Chandra, U. Samanta, On certain variations of \mathcal{I} -Hurewicz property, accepted in *Topology Appl.*
- [2*] L. Bukovski, Pratulananda Das, J. Supina, *Ideal quasinormal convergence and related notions*, **Colloquium Mathematicum**, 146 (2) (2017), 265 - 281.
- [3*] Pratulananda Das, E. Savas, On Generalized Statistical and Ideal Convergence of Metric Valued Sequences, **Ukrainian Mathematical Journal**, 68 (12) (2016), 1598 - 1606.
- [4*] Pratulananda Das, Lj. D.R. Kočinac, D. Chandra, *Some remarks on open covers and selection principles using ideals*, **Topology and its Applications**, 202 (2016), 183 - 193.
- [5*] M. Balcerzak, Pratulananda Das, M. Filipzak, J. Swaczina, *Restricted kinds of density and associated ideals*, **Acta Math. Hungarica**, 147 (1) (2015), 97 - 115.
- [6*] A. Bartoszewich, Pratulananda Das, S. Glab, *On matrix summability of spliced sequences and A-density of points*, **Linear Algebra Appl.**, 487 (2015), 22 - 42.
- [7*] Pratulananda Das, M. Slezniak, V. Toma, *On \mathcal{I}^K -Cauchy functions*, **Topology And its Applications**, 173 (2014), 9 - 27.
- [8*] Pratulananda Das, E. Savas, *Some further results on ideal summability of nets in (ℓ) -groups*, **Positivity**, (19) (2015), 53 - 63.
- [9*] Pratulananda Das, D. Chandra, *Some further results on $\mathcal{I} - \gamma$ and $\mathcal{I} - \gamma_k$ -covers*, **Topology and its Applications**, 16 (2013), 2401 - 2410.
- [10*] Pratulananda Das, *Certain types of selection principles and open covers using ideals*, **Houston Journal of Mathematics**, 39 (2) (2013), 637 - 650.
- [11] Pratulananda Das, D. Chandra, *Spaces not distinguishing pointwise and \mathcal{I} -quasinormal convergence*, **Comment. Math. Univ. Carolinae**, 54 (1) (2013), 83 - 96.
- [12*] Pratulananda Das, E. Savas, *On I-convergence of nets in locally solid Riesz spaces*, **Filomat**, 27 (1) (2013), 84 - 89.
- [13*] Pratulananda Das, *Some further results on ideal convergence in topological spaces*, **Topology and its Applications**, 159 (10-11) (2012), 2621 - 2626.
- [14] A Boccuto, Pratulananda Das, X. Dimitriou, N. Papanastassiou, *Ideal exhaustiveness, weak convergence and weak compactness in Banach spaces*, **Real Analysis Exchange**, 37 (2) (2012), 389 - 410.
- [15] Pratulananda Das, D. Chandra, *Some further investigations of open covers and selection principles using ideals*, **Topology Proceedings**, 39 (2012), 281 - 291.
- [16*] Pratulananda Das, S. Ghosal, *When I-Cauchy nets in complete uniform spaces are I-convergent*, **Topology and its Applications**, 158 (2011), 1529 - 1533.
- [17*] Pratulananda Das, B.K. Lahiri, L.K. Dey, *Cantor's Theorem in 2-metric spaces And its applications in fixed point problems*, **Taiwanese Journal of Mathematics**, 15 (1) (2011), 337 - 352.
- [18*] Pratulananda Das and S. Ghosal, *On I-Cauchy nets and completeness*, **Topology And its Applications**, 157 (2010), 1152 - 1156.

[19*] Pratulananda Das and A. K. Banerjee, *On Sparse set Topology*, **Math. Slovaca**, 60 (2010), No. 3, 319 - 326.

LIST OF PAPERS IN SEQUENCE, SERIES AND SUMMABILITY

- [20*] Pratulananda Das, K. Bose, S. Sengupta, *On $\mathcal{I}A$ -density of points and some of its consequences*, accepted for publication in *Filomat*.
- [21*] Pratulananda Das, S. Ghosal, A. Ghosh, S. Som, *Characterization of Rough Weighted Statistical limit set*, accepted for publication in **Math. Slovaca**.
- [22*] Pratulananda Das, E. Savas, *On Certain Generalized Matrix Methods of Convergence in (ℓ) -Groups*, **Math. Slovaca**, 67 (4) (2017), 929 - 938.
- [23*] Pratulananda Das, S. Ghosal, S. Som, *Different types of quasi weighted $\alpha\beta$ -statistical convergence in probability*, **Filomat**, 31 (5) (2017), 1463 - 1473.
- [24*] A. Boccuto, Pratulananda Das, *On matrix methods of convergence of order α in (ℓ) -groups*, **Filomat**, 29 (2015), 2069 - 2077.
- [25*] Pratulananda Das, E. Savas, *On I_λ -Statistical Convergence In Locally Solid Riesz Spaces*, **Mathematica Slovaca**, 65 (2015), 1491 - 1504.
- [26*] Pratulananda Das, E. Savas, *\mathcal{I} -statistical order convergence in Riesz spaces*, accepted in **An. Stiint. Univ. Al. I. Cuza Iasi Math.**
- [27] Pratulananda Das, E. Savas, *On some consequences of a generalized continuity*, **Arch. Math. (Brno)**, 50 (2) (2014), 107 - 114.
- [28*] pratulananda Das, K. Dutta, V. Karakaya, *On Cluster Points, Continuity, and Boundedness Associated with the Generalized Statistical Convergence in Probabilistic Normed Spaces*, **Abstract Applied Analysis** Volume 2014 (2014), Art. ID 909364, 10 pages.
- [29*] Pratulananda Das, E. Savas, *On \mathcal{I} -statistically pre-Cauchy sequences*, **Taiwanese Journal of Mathematics**, 18 (1) (2014), 115 - 126.
- [30*] Pratulananda Das, S. Dutta, S. A. Mohiuddine, and A. Alotaibi, *A-Statistical Cluster Points in Finite Dimensional Spaces and Application to Turnpike Theorem*, **Abstract Applied Analysis**, Volume 2014 (2014), Article ID 354846, 7 pages.
- [31*] Pratulananda Das, K. Dutta, V. Karakaya, and S. Ghosal, *On Some Further Generalizations of Strong Convergence in Probabilistic Metric Spaces Using Ideals*, **Abstract Applied Analysis**, Volume 2013 (2013), Article ID 765060, 8 pages.
- [32*] Pratulananda Das, E. Savas, *On I -statistical and I -lacunary statistical convergence of order α* , **Bulletin of The Iranian Mathematical Society** 40 (2) (2014), 459 - 472.
- [33*] Pratulananda Das, S. Pal, S. Ghosal, *Extending asymmetric convergence and Cauchy condition using ideals*, **Mathematica Slovaca**, 63 (3)(2013), 545 - 562.
- [34*] Pratulananda Das, S. Dutta, *On some types of convergence of sequences of functions in ideal context*, **Filomat**, 27 (1) (2013), 147 - 154.
- [35*] Pratulananda Das, E. Savas, *Double uniform density and corresponding convergence Of double sequences*, **Studia Scientiarum Mathematicarum Hungarica**, 49 (4) (2012), 419 - 435.
- [36*] E. Savas, Pratulananda Das, S. Dutta, *A note on strong matrix summability via ideals*, **Applied Mathematics Letters**, 25 (4) (2012), 733 - 738.
- [37*] Pratulananda Das, S. Pal, S. Bhunia, *Restricting statistical convergence*, **Acta Mathematica Hungarica**, 134 (1-2) (2012), 153 - 161.
- [38*] Pratulananda Das, E. savas, S. Bhunia, *Two valued measure and some new double Sequence spaces in 2-normed spaces*, **Czechoslovak Mathematical Journal**, 61 (136), (2011), 809 - 825.
- [39*] Pratulananda Das, S. Bhunia, *Two valued measure and summability Of double sequences in asymmetric context*, **Acta Mathematica Hungarica**, 130 (1-2) (2011), 167 - 187.

[40*] Pratulananda Das, S. Pal, S. Ghosal, *Further investigations of ideal Summability in 2-normed spaces*, **Applied Mathematics Letters**, 24 (2011) 39 - 43.

[41*] Pratulananda Das, E. Savas, S. Ghosal, *On generalizations of certain summability methods using ideals*, **Applied Mathematics Letters**, 24 (2011) 1509 - 1514.

[42*] Pratulananda Das, E. Savas, *A generalized statistical convergence via ideals*, **Applied Mathematics Letters**, 24 (2011) 826 - 830.

[43*] Pratulananda Das and S. Ghosal, *Some further results on I-Cauchy sequences and condition (AP)*, **Computers and Mathematics with Applications**, 59 (2010), 2597 - 2600.

LIST OF SELECTED PAPERS BEFORE 2010:

[44*] Pratulananda Das and S. Bhunia, *Two valued measure and summability of double Sequences*, **Czechoslovak Math. J.**, 59 (134) (2009), 1141 - 1155.

[45*] Pratulananda Das, P. Malik and E. Savas, *On statistical limit points of double Sequences*, **Applied Mathematics and Computation**, 215 (2009) 1030 - 1034.

[46*] Pratulananda Das and H. Cakalli, *Fuzzy compactness via summability*, **Applied Mathematics Letters**, 22 (2009) 1665 - 1669.

[47*] Pratulananda Das and Lakshmi Kanta Dey, *Fixed point of contractive mappings in Generalized metric spaces*, **Math. Slovaca**, 59 (4) (2009), 499 - 504.

[48] Pratulananda Das and Lakshmi Kanta Dey, *Porosity of non-contractive mappings in generalized metric spaces*, **Demonstratio Math.**, (42) (1) (2009), 163 - 174.

[49*] Pratulananda Das, P. Kostyrko, W. Wilczynski, P. Malik, *On I and I* - convergence of double sequences*, **Math. Slovaca**, (58) (5) (2008), 605 - 620.

[50] Pratulananda Das and P Malik, *The Statistical and I variation of double Sequences*, **Real Analysis Exchange**, (33) (2) (2007-2008), 341 - 352.

[51] B.K. Lahiri and Pratulananda Das, *On I and I* convergence of nets*, **Real Analysis Exchange**, 33 (2) (2007-2008), 431 - 442.

[52] Pratulananda Das and P. Malik, *On extremal I - limit points of double sequences*, **Tatra Mt. Math. Publ.**, (40) (2008), 91 - 102.

[53*] Pratulananda Das and P. Malik, *On a function associated with statistical limit superior*, **Mathematical Communications**, 11 (2) (2006), 129 - 136.

[54] B.K.Lahiri and Pratulananda Das, *I and I* convergence in topological spaces*, **Math. Bohemica**, 130 (2) (2005), 153 - 160.

[55] B.K. Lahiri and Pratulananda Das, *Well-posed ness and porosity of certain class of operators*, **Demonstratio Math.**, 38 (1) (2005), 169 - 176.

[56] Pratulananda Das and Amar Kr Banerjee, *Pairwise Borel and Baire measures in bispaces*, **Arch Math (Brno)**, (41) (2005), 5 - 15.

[57*] B.K.Lahiri and pratulananda Das, *Further results on I-limit superior and limit inferior*, **Math. Communications**, 8 (2) (2003), 151 - 156.

[58*] B.K.Lahiri and Pratulananda Das, *Subseries in Banach spaces*, **Math. Slovaca**, 52 (3) (2002), 361 - 368.

[59*] B.K. Lahiri and Pratulananda Das, *Fixed point of a Ljubomir Ćirić's quasi contraction mappings in a generalized metric space*, **Publ. Math. Debrecen**, 61 (3-4) (2002), 589 - 594.

[60*] B.K.Lahiri and Pratulananda Das, *On some properties connecting infinite series*, **Turkish J. Math.**, 26 (2002), 339 - 353.

[61] Pratulananda Das and Md Mamun Ar Rashid, *g^* - closed sets in a space and a new separation axiom*, **Arch. Math. (Brno)**, 39 (4) (2003), 299 - 307.

[62*] B.K.Lahiri and Pratulananda Das, *Density topology in a bitopological space*, **Analele Sti. Ale Univ "AL I CUZA" Iasi**, Tomul XLVIII (2002), 19 - 26.

[63] Pratulananda Das and Md Mamun Ar Rashid, *A new sparse set topology*, **Vietnam J. Math.**, 30 (20) (2002), 1134 - 120.

[64] B.K. Lahiri and Pratulananda Das, *Density and the space of approximately continuous mappings*, **Vietnam J. Math.**, 27 (2) (1999), 123 - 130.

[65*] Pratulananda Das, *Fuzzy topology on fuzzy sets: Product fuzzy topology and fuzzy Topological groups*, **Fuzzy Sets and Systems**, (100) (1998), 367 - 372.

[66] B.K. Lahiri, Pratulananda Das, *Density topology in metric spaces*, **J. Indian Math. Soc.**, 65 (1-4) (1998), 107 -117.

[67*] B.K. Lahiri, Pratulananda Das, *Measures in bitopological spaces - II*, **Indian J. Pure and Appl. Math.**, 29 (5) (1998), 473 - 485.

[68*] B.K. Lahiri, Pratulananda Das, *Measures in bitopological spaces*, **Indian J. Pure And Appl. Math.**, 27 (10) (1996), 985 -994.

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• * denotes those journals listed in Science Citation Index Expanded (Mathematics and Applied Mathematics)

• Impact factors of these journals can be seen from the journal home pages.

- Topology and its Applications 0.551
- Applied Mathematics Letters 1.337
- Computers and Mathematics with Applications 1.697
- Positivity 0.679
- Taiwanese Journal of Mathematics 0.621
- Acta Mathematica Hungarica 0.429
- Houston Journal of Mathematics 0.43
- Colloquium Mathematicum 0.457
- Applied Mathematics and Computation 1.551
- Mathematica Slovaca 0.409
- Filomat 0.638
- Ukrainian Mathematical Journal - 0.352
- Studia Scientiarum Mathematicarum Hungarica 0.205
- Czechoslovak Mathematical Journal 0.288
- Turkish Journal of Mathematics 0.311
- Publicationes Mathematicae Debrecen 0.503
- Bulletin of the Iranian Mathematical Society 0.270
- Mathematical Communications - 0.32
- Indian Journal of Pure and Applied Mathematics - 0.18
- Fuzzy Sets and Systems - 2.34
- Analele Stiintifice Universitatii Al I Cuza Din Iasi 0.177
- Abstract Applied Analysis 1.07 (2013 - 2014)

9. Chapters written : (i) Has written the Chapter Summability and Convergence using Ideals, pp 73 - 140 in the Book TOPICS IN SUMMABILITY THEORY AND APPLICATIONS ISBN : 9789811009136 - 9789811009129, DOI: 10.1007/978-981-10-0913-6, Springer, 2016, Editors: Prof. Billy. E. Rhoades (USA), Dr. H. Dutta (India).

(ii) Has written the full study material including the video lectures of the course REAL ANALYSIS AND MEASURE THEORY under the e-pg Pathshala scheme of University Grants Commission, MHRD which is already uploaded in the subject category Mathematics.

(iii) Has written the full study material including the video lectures of the course REAL ANALYSIS AND MEASURE THEORY for University Grants Commission, MHRD MOOC (SWAYAM) Platform.

10. Professional Awards, Honors, Fellowships :

- Received the "INSA Teacher Award" from Indian National Science Academy in 2017.
- Was elected FAScT, Fellow of West Bengal Academy of Science and Technology in 2016.
- Was nominated MNASc, Member of National Academy of Sciences, India (NASI) in 2016.
- Has been awarded INSA (Indian National Science Academy) Bilateral Exchange Fellowship to visit Poland for one month in 2017.
- Had been invited by the Council of Higher Education of Phillipines to visit Ateneo de Davao University to deliver lectures from January 26 - February 02, 2016.
- Has been awarded by TUBITAK (Turkish Scientific and Technological Council) The TUBITAK BIDEB 2221 Visiting Scientist Fellowship for the period June 02 - July 06, 2015.
- Has been awarded TUBA (Turkish Academy of Sciences) Visiting Scientist Fellowship for the period October 18 - November 02, 2015.
- Was awarded INSA Bilateral Exchange Fellowship to visit Slovak Republic for two months in 2013.
- Was selected by University Grants Commission as the Content Writer of The course "Real Analysis and Measure Theory", one of the basic 16 courses in Mathematics under the scheme e-PG-pathsala which is completed and can be seen online.
- Chosen by University Grants Commission (MHRD) as the Subject Coordinator (Principal Investigator) and Content Writer of "Real Analysis and Measure Theory" course launched under The MOOC (Swayam) of MHRD for students all over India.
- Was awarded The S.N. Bose best young scientist award of Calcutta Mathematical Society in 1998 (primarily for the Ph.D. work on measures in bitopological spaces).

11. Projects implemented

- Has so far completed two major research projects and one is running.
 - (i) Was the principal investigator of a major research project under DST PURSE program on Summability Theory (No. DST/PURSE/JU/Math/P-7) from December, 2009 - December, 2012.
 - (ii) Was the principal investigator of a major research project "An in depth study of certain types of convergences of sequences and double sequences and their implications" with sanctioned budget of 10.5 lakhs of CSIR (No 25(0186)/10/EMR-II) from 01/04/2011 - 31/03/2014.
 - (iii) Was the principal investigator of the major research project of SERB, DST entitled "Study of certain types of convergence of sequences and their applications including implications in topology" (No. SR/S4/MS: 813/13) which started in October, 2014 with

sanctioned budget of 10.7 lakhs.

12. International Visits :

Short visits abroad for collaboration or giving lectures

- 1) Visited University of Gdansk, Poland under INSA-PAS bilateral exchange program from June 01 - 30, 2017.
- 2) Visited Kurt Godel Research Center for mathematical logic, Vienna, Austria for collaborative research work from May 19 - 30, 2017.
- 3) Visited P.J. Safaryk University, Slovakia for collaborative research work from July 16 - 24, 2016.
- 4) Visited Ateneo de Davao University to deliver lectures from January 26 - February 02, 2016.
- 5) Visited Istanbul Commerce University from October 18 - November 02, 2015 as TUBA (Turkish Academy of Sciences) Visiting Scientist to deliver lectures and for joint collaborative work.
- 6) Visited Istanbul Commerce University from June 03 - July 06 as TUBITAK (Turkish Scientific and Technological Council) BIDEB 2221 Visiting Scientist to deliver lectures and for joint collaborative work.
- 7) Visited Department of Mathematics, Technical university of Lodz, Poland from 30th June - 6th July, 2014 for joint collaborative work.
- 8) Was nominated by INSA (Indian National Science Academy) to visit Mathematical Institute, Slovak Academy of Sciences under INSA-SAS bilateral exchange program for 2 months.
 - (i) Visited Slovak Academy of Sciences and Comenius University in Bratislava, Slovakia from October 10 - November 16, 2013 for joint collaborative work.
 - (ii) Visited Department of Mathematics, Masaryk University, Brno, Czech Republic on 4th November, 2013 to deliver a lecture.
 - (iii) Visited Department of Mathematics, Technical university of Lodz, Poland from 10 - 15 November to deliver a lecture and for joint collaborative work.
 - (iv) Visited P.J. Safaryk University and Mathematical Institute, Slovak Academy of Sciences in Kosice, Slovakia from 17 November - 8 December, 2013.
- 9) Visited The Department of Mathematics, Istanbul Commerce University, Istanbul, Turkey from 5 June - 20 June, 2013 to give lectures and for research collaboration with Prof. E. Savas.
- 10) Visited The Department of Mathematics, University of Perugia, Italy from 21 - 25 June, 2012 for research collaboration with Prof. Antonio Boccuto.
- 11) Visited The Department of Mathematics, Istanbul Commerce University, Istanbul, Turkey from 5 June - 20 June, 2012 to give lectures and for research collaboration with Prof. E. Savas.
- 12) Visited Universidad Autonoma Metropolitana (UAM), Mexico City, Mexico from 19 - 21 March and then 25 March - 04 April, 2012.
- 13) Visited The Department of Mathematics, Istanbul Commerce University, Istanbul, Turkey from 20 May - 5 June, 2011 for research collaboration with Prof. E. Savas.
- 14) Visited The Department of Mathematics, Suleyman demirel University, Turkey from 15 May - 20 May, 2011 to deliver three lectures and for collaboration with Prof. Serpil Pehlivan.
- 15) Visited City College of New York, CUNY and delivered a lecture on 24 March, 2011.
- 16) Visited The Department of Mathematics, University of Athens, Greece from 11 - 25 June, 2010 for research collaboration with Prof N. Papanastassiou and also Prof. A. Boccuto of University of Peruzia, Italy.

17) Visited The Department of Mathematics, Istanbul Commerce University, Istanbul, Turkey from 27 May - 10 June, 2010 for research collaboration with Prof. E. Savas.

18) Visited The Department of Mathematics, University of Louisville, USA from 21 - 30 March, 2010 and delivered a Colloquium Lecture and a lecture to The Analysis Group. Also discussed some problems with Prof. Manav Das.

19) Visited The Department of Mathematics, T. C. Maltepe University, Istanbul from 1 - 16 June, 2008 to deliver some lectures and for research collaboration with Prof. H. Cakalli.

20) Visited the Department of Mathematics, Comenius University, Slovakia from 15 - 25 September, 2006 to collaborate with Prof. P. Kostyrko and also Prof. W. Wilczynski of University of Lodz, Poland.

21) Visited Department of Mathematics, University of Matej Bel in Banska Bistrica, Slovakia on September 8, 2006 to deliver an invited lecture.

22) Visited Department of Mathematics, Technical university of Zvolen, Slovakia from 6 -9 September, 2006 and delivered an invited lecture.

Conferences attended abroad

1) Delivered an invited talk in the "Frontiers of Selection Principles", Cardinal Stefan Wyszyński University, Warsaw, Poland held during 21 August - 01 September, 2017.

2) Delivered a talk in the 31st Summer Conference on Topology and Applications, University of Leicester, UK held during 2 - 5 August, 2016.

3) Delivered a talk in TOPOSYM 2016, Czech Technical University, Prague, Czech Republic held during 25 - 30 July, 2016.

4) Delivered an invited talk in ICRAPAM 2016, Bodrum, Turkey during 19 - 23 May, 2016.

5) Delivered a talk in the First Pan Pacific International Conference on Topology And Applications, Minan Normal University, China held during 25 - 30 November, 2015.

6) Delivered an invited talk as one of the Plenary Speakers in ICRAPAM 2015, Istanbul Commerce University, Turkey held during 3 - 6 June, 2015.

7) Delivered a talk in the XXXVIII Summer Symposium in Real Analysis held at Czech Technical University, Prague, Czech Republic during 7 - 13 July, 2014.

8) Delivered a talk in the international conference on Topology and related fields held at Nanjing University, Nanjing, China during 22 - 25 September, 2012.

9) Delivered a talk in the IV th Workshop on Coverings, Selection Principles and Games in Topology held at Seconda University of Napoli, Caserta, Italy during 25 - 30 June, 2012.

10) Delivered a talk in the 46th Annual Spring topology and Dynamics Conference of USA held at UNAM, Mexico City, Mexico during 22 - 24 March, 2012.

11) Delivered a talk in the International Conference on Summability and its Applications held at Istanbul Commerce University, Istanbul, Turkey during 12 - 13 May, 2011.

12) Delivered a talk in the 45th Annual Spring Topology and Dynamics Conference of USA held at University of Texas, Tyler, USA during 17 - 19 March, 2011.

13) Delivered two talks in The International Conference on Topology and Its Applications held at Nafpactos, Greece during 26 - 30 June, 2010.

14) Delivered a talk in the 44th Annual Spring Topology and Dynamics Conference of USA held at Mississippi State University, Starkville, USA during 18 - 20 March, 2010.

15) Delivered a talk in the XXXI Summer Symposium in Real Analysis of Real Analysis Exchange held at the Mathematical Institute, Oxford University during 12 - 16 August, 2007.

16) Invited to participate and presented a paper in the 20th Summer Conference on Real Function Theory of The Slovak Academy of Sciences held in Liptovski Jan during 10 - 15 September, 2006.

17) Presented a paper in MAGT 2006 held in Belgrade during 1 - 4 September, 2006.

18) Presented a poster in ICM2006 held in Madrid during 22 -30 August, 2006.

13. Memberships of Academic Bodies :

- Was a Member of the Three member Expert Committee for Undergraduate Mathematics Syllabus set up by West Bengal Higher Education Council.
- Is an External Expert Member of Post Graduate Board of Studies in Mathematics of Netaji Subhas Open University.
- Is an External Expert Member of Post Graduate Board of Studies, Board of Research Studies and Undergraduate Board of Studies in Mathematics of Bankura University.
- Is an External Expert Member of Post Graduate Board of Studies and Board of Research Studies in Mathematics of Diamond Harbor Women's University.
- Is an External Expert Member as Vice Chancellor's Nominee of Post Graduate Board of Studies in Mathematics of Bangabasi Evening College of Calcutta University.
- Was an External Expert Member of Undergraduate Board of Studies in Mathematics of Netaji Subhas Open University from 2013 - 15.
- Is a Member of the Advisory Committee of UGC DRS Program in Department of Mathematics, Jadavpur University.

14. Other Professional activities :

- Has been a Reviewer of Zentralblatt Math (European Mathematical Society) from 2006 and a Reviewer of Mathematical Reviews (American Mathematical Society) from 2009.
- Visited IISC Bangalore twice in 2004-2005 and in 2005-2006 under IISC-TIFR Short Term Visitors Program.
- Visited Department of Mathematics, Burdwan University as Visiting Fellow under UGC DRS program in 2014.
- Visited Department of Mathematics, North Bengal University as UGC Visiting Fellow in 2016.
- Delivered Colloquium Lecture at Department of Mathematics, IISC Bangalore on 4th March, 2016 and IIT Bombay on 5th February, 2016.
- Attended 18 national and international conferences in India, 10 of them as Invited Speaker.
- Delivered lectures as Resource Person in UGC Refresher Courses in Burdwan University in 2012, 2013, in Calcutta University in 2014, in North Bengal University in 2014, 2015.
- Was The Coordinator and Resource Person in Mathematics Training and Talent Search Program MTTS Level 0 Program for four weeks (funded by NBHM) for College and University students in 2005 and 2006 held in Jadavpur University.
- Was the Joint Convenor of National Conference on Mathematics and its Applications in February, 2005 in Department of Mathematics, JU.
- Was the Joint Coordinator of UGC Refresher Course on Mathematical Analysis in February - March, 2009 in Department of Mathematics, JU.
- Was The Treasurer for the international conference on Dynamical Systems, Theory and Applications ICDS-2012 in 11 - 14 January, 2012 in Department of Mathematics, JU.
- Was the Joint Convenor of National Conference on Non-linear Dynamics, Analysis and Optimization held in 11 - 14 January, 2014 in Department of Mathematics, JU.
- Was the joint convenor of The International conference on Non-linear Dynamics, Analysis and optimization held in 9 - 11 December, 2015 in Department of Mathematics,

JU.

- Is a reviewer of more than 30 international journals including Journal of Mathematical Analysis and Applications, Topology and its Applications, Filomat, Applied Mathematics Letters, Applied Mathematics and Computation, Computers and Mathematics with Applications, Abstract and Applied Analysis, Journal of Inequalities and applications, Advances in difference equations, Mathematica Slovaca, Indian Journal of Pure and Applied Mathematics, Acta Mathematicae Scientia, Mathematical Communications, Hacettepe Journal of Mathematics and statistics, Matematiki Vesnik, International Journal of Mathematics and Mathematical Sciences, Journal of Franklin Institute, Bulletin of the Malaysian Mathematical Sciences Society and Real Analysis Exchange.

14. Membership in professional Associations :

- Member of American Mathematical Society.
- Life Member of Ramanujan Mathematical Society.
- Life Member of Indian Science Congress Association.
- Life Member of Calcutta Mathematical Society.