

CURRICULUM VITAE

- **Name** : DR. PRASANTA MALIK
- **Designation** : Assistant Professor
- **Mailing address** : Dept. of Mathematics, The University of Burdwan, Burdwan -713104
- **E-mail address** : pmjupm@yahoo.co.in, pmalik@math.buruniv.ac.in
- **Highest qualifications** : M.Sc, Ph.D
- **NET qualifying year** : CSIR-UGC NET, 2003(L.S.), CSIR-UGC NET, 2004 (L.S. + J.R.F.)
- **Fellowship received** : CSIR Fellowship (JRF)
- **Publications** (Details are given in *Annexure-I*)
 - (i) **Research Papers** : Published - 23
- **Research Guidance** : (Details are given in *Annexure-II*)
 - Ph.D (Awarded): 03
- **Field of Specialisation** : Real Analysis, Functional Analysis, Topology
- **Topic of Doctoral Dissertation** : A study of certain types of convergences of sequences and double sequences.
- **Field of Research interest** : Summability Theory
- **Research Experiences** : 20 years
- **Reviewing of research paper** : yes
- **Teaching Experience** :

Institution/Organisation	Designation	Duration
Ramakrishna Mission Vidyamandira, Belur Math, Howrah - 711202, W.B.	Assistant Professor	01.09.2008 – 16.09.2013
The University of Burdwan	Assistant Professor	17.09.2013 – till date

The details of the following are given in *Annexure-III*

- **Participation and Presentation of research papers in Conferences**
 - (a) **International Conference** : 09

(b) **National Conference : 06**

❖ **Training Courses : 11**

❖ **Symposium/Conference Participation & Organisation : 02**

• **Additional Information :** (Details are given in *Annexure-IV*)

Declaration

I hereby declare that the information given above is true to the best of my knowledge and belief.

Date : 05.08.2024

Prasanta Malik
Signature

Annexure I

Publications

List of Research papers

2024

1. I- Convergence of sequences of subspaces in an inner product space, **Prasanta Malik** and Saikat Das, Gulf Journal of Mathematics, Volume 17(1) (2024), 225-238.

2023

1. Further results on strong λ -statistical convergence of sequences in probabilistic metric spaces, **Prasanta Malik** and Samiran Das, Bol. Soc. Paran. Mat., Vol 41 (2023).
2. A study on strong AI-statistical convergence of sequences in probabilistic metric spaces, **Prasanta Malik** and Samiran Das, Annals of the University of Craiova-Mathematics and Computer Science Series, Volume 50(1) (2023), 99-115.

2022

1. A^I -statistical limit points and A^I -statistical cluster points, **Prasanta Malik** and Samiran Das, Filomat, Vol. 36(5) (2022), 1573-1585.

2021

1. I_λ -statistical limit points and I_λ -statistical cluster points, **Prasanta Malik** and Samiran Das, Malaya Journal of Matematik, Volume 9(1) (2021), 331-337.

2020

1. I-statistical limit points and I-statistical cluster points of double sequences, **Prasanta Malik**, Samiran Das and Argha Ghosh, The Journal of Analysis, Vol. 28 (3) (2020), 753-768.

2. Rough I-statistical convergence of sequences in normed linear spaces, **Prasanta Malik**, Manojit Maity and Argha Ghosh, Southeast Asian Bulletin of Mathematics, Vol. 44(3) (2020), 357-368.
3. I_{Δ} and I_{Δ}^* -convergence on time scales, **Prasanta Malik**, Argha Ghosh and Manojit Maity, The Journal of Analysis, Vol. 28(4) (2020), 1097-1106.

2019

1. Rough I-statistical convergence of double sequences in normed linear spaces, **Prasanta Malik** and Argha Ghosh, Malaya Journal of Matematik, Volume 7(1) (2019), 55-61.
2. I-statistical limit points and I-statistical cluster points, **Prasanta Malik**, Argha Ghosh and Samiran Das, Proyecciones Journal of Mathematics, Volume 38(5) (2019), 1011-1026.

2018

1. Strongly I and I^* -statistically pre-Cauchy double sequences in probabilistic metric spaces, **Prasanta Malik**, Argha Ghosh and Manojit Maity, Matematicki Vesnik, Volume 70(2) (2018), 97-109.

2017

1. Rough I^{λ} -statistical convergence of sequences, Argha Ghosh and **Prasanta Malik**, Bulletin of the Allahabad Mathematical Society, Volume 32(2) (2017), 167-187.

2016

1. On rough statistical convergence of double sequences in normed linear spaces, **Prasanta Malik** and Manojit Maity, , Afrika Matematika, Volume 27(1) (2016) ,141–148.

2015

1. On a Criterion of Weak Ideal Convergence and Some Further Results on Weak Ideal Summability Sudip Kumar Pal and **Prasanta Malik**, , Southeast Asian Bulletin of Mathematics . Vol. 39(5)(2015) ,685-694

2013

1. Statistical convergence of double sequences in probabilistic metric spaces, Kaustubh Dutta, **Prasanta Malik** and Manojit Maity, Selcuk Journal of Applied Mathematics, 14(1), 2013, 57-70.
2. On rough convergence of double sequences in normed linear spaces, **Prasanta Malik** and Manojit Maity, Bulletin of the Allahabad Mathematical Society, 28(1), 2013, 89-99.

2010

1. I and I^* -continuity on normed linear spaces and I-bounded sequences, **Prasanta Malik**, Bull. Cal. Math. Soc., 102 (3) , 2010, 241-252.

2009

1. On statistical limit points of double sequences, Pratulananda Das, **Prasanta Malik** and Ekrem Savas, Applied Mathematics and Computation 215(3) (2009) , 1030-1034.

2008

1. I and I^* -convergence of double sequences, Pratulananda Das, Pavel Kostyrko, Wladyslaw Wilezynski and **Prasanta Malik**, Math. Slovaca 58 (2008), No- 5, 605-620.

2. On extremal I-limit points of double sequences, Pratulananda Das and **Prasanta Malik**, Tatra. Mt. Math. Publ., 40(2008), 91-112.
3. On the statistical and I-variation of double sequences, Pratulananda Das and **Prasanta Malik**, Real Anal. Exchange, Vol. 33(2), (2007/2008), 351-364.
4. On statistical cluster points of double sequences, **Prasanta Malik**, Lakshmi Kanta Dey and Pratap Kr. Saha, Bulletin of The Allahabad Mathematical Society, 23(2), 2008, 293-300.

2006

1. A note on a function associated with the statistical limit superior, Mathematical Communications, Pratulananda Das and **Prasanta Malik**, 11(2006), 129-135.

Annexure II

Research Guidance

Sl. No	Name of the Scholar	University	Topic of Research	Remarks
01	Manojit Maity (joint supervision)	Jadavpur University	Study of rough convergence of sequences and double sequences.	Ph.D degree awarded on 27.11.2017
02	Argha Ghosh	The University of Burdwan	A study on some generalizations of usual convergence, statistical convergence and ideal convergence.	Ph.D degree awarded on 09.03.2021
03	Samiran Das	The University of Burdwan	Studies on statistical convergence and ideal convergence of sequences and double sequences with related summability methods	Ph.D degree awarded on 16.08.2022

Annexure III

Participation and Presentation of research papers in Conferences

- January 18-20, 2006 **Presented** a paper in the National Seminar on ‘Advances in Mathematics and Applications’ organized by Dept of Mathematics, University of Burdwan, India.
- March 29-30, 2006 **Presented** a paper in the National Symposium on ‘Topology and Functional Analysis and Their applications’ organized by Dept of Pure Mathematics, University of Calcutta, India.
- February 25-26, 2009 **Presented** a paper in the National Seminar on ‘Mathematics with Special Emphasis on Discrete Mathematics’ organized by Dept of Pure Mathematics, University of Calcutta, India.

- January 09-10, 2014 **Presented** a paper in the national seminar NDAO-2014, organized by the Department of Mathematics, Jadavpur University, Kolkata -700032.
- December 09-11, 2015 **Presented** a paper in the international conference ICNDAO-2015, organized by the Department of Mathematics, Jadavpur University, Kolkata -700032.
- February 11-12, 2017 **Presented** a paper in the international seminar on Topology, Analysis and Algebra (ISTAA)-2017, organized by the Department of Mathematics, University of North Bengal.
- March 23-24, 2017 **Presented** a paper in the international conference on exploring advances in Mathematical Sciences 2017, organized by the Department of Mathematics, University of Gour Banga.
- January, 9-12, 2018 **Presented** a paper in the International Conference on Mathematical Analysis and Application in Modeling, organized by the Department of Mathematics, Jadavpur University, Kolkata -700032.
- February 6-7, 2020 **Presented** a paper in the national seminar on recent advances in Mathematics and its applications (RAMA - 2020) ,organized by Dept of Pure Mathematics, University of Calcutta, India.
- February 26-28, 2020 **Presented** a paper in the international conference on Mathematical Sciences and Applications (ICMSA - 2020), organized by Dept. of Mathematics, University of Kalyani.
- October 26-28, 2023 **Presented** a paper in the “International Conference on Pure and Applied Mathematics (ICPAM-2023)” organized by Dept. of Mathematics, NIT Jalandhar & MNIT Jaipur.
- December 09-11, 2023 **Presented** a paper in the Three-Day International Conference on Advancement of Mathematical Sciences and Computer Vision (ICAMSCV-2023) organized by the Calcutta Mathematical Society, Kolkata-700064, India.
- March 02-03, 2024 **Presented** a paper in the International Seminar on Physical and Mathematical Sciences (ISPMS – 2024) organized by the Calcutta Mathematical Society, Kolkata-700064, India.
- March 07, 2024 **Presented** a paper in the national seminar on recent advances in Mathematics and its applications (RAMA - 2024) ,organized by Dept of Pure Mathematics, University of Calcutta, India.
- March 12-14, 2024 **Presented** a paper in the international seminar on Topology, Algebra and Applications (ISTAA -2024), organized by the Department of Mathematics, University of North Bengal.

Training Course

1. Act as a tutor in the **M.T.T.S** (Mathematics Training and Talent Search) programme in 2006 at Jadavpur University, funded by National Board for Higher Mathematics (**N.B.H.M.**).

2. 30.01.12-25.02.12 **Attended** UGC sponsored “ **Orientation Programme**” organised by UGC-Academic Staff College, Jadavpur University.
3. 10.07.14 -31.07.14 **Attended** UGC sponsored “ **Refresher Course**” organised by UGC-Academic Staff College, Calcutta University.
4. January 13-19, 2016 **Attended** TMC-BU Regional UG-Teacher Enrichment Programme on Curves and Surfaces organized by Dept. of Mathematics, The University of Burdwan.
5. July 9, 2018 **Attended** One day workshop on the Digital Initiatives for Higher Education under SWAYAM, organized by Digital Learning Monitoring Cell, The University of Burdwan.
6. 01.03.19- 21.03.19 **Attended** UGC sponsored “ **Refresher Course in Disaster Management (All Disciplines)**” organized by UGC- Human Resource Development Centre, University of North Bengal.
7. November 13, 2019 **Attended** SWAYAM-NPTEL MOOCs Awareness Workshop organized by IIT Kharagpur in association with the University of Burdwan.
8. December 2-7, 2019 **Attended** Teachers’ Enrichment Workshop on “Linear Algebra & Analysis” held at Presidency University, Kolkata funded by National Centre for Mathematics, India
9. 09.02.21 – 22.02.21 **Attended** UGC sponsored “ **Refresher Course in Environmental Science**” organized by UGC- Human Resource Development Centre, The University of Burdwan.
10. 08.09.22 – 12.09.22 **Attended** an international online workshop on “ Trends in Analysis and Topology” organized by the Department of Mathematics, Malaviya National Institute of Technology, Jaipur, India.
11. 02.02.24 – 13.02.24 **Attended** UGC sponsored “ **NEP 2020 Orientation & Sensitization Programme -5**” under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by The University of Burdwan.

Symposium/Conferences Organization : 02

1. Convenor of an International Conference on Revisiting Ancient Mathematics and Mathematical Sciences (ICRAMMS-2015) organized by the Department of Mathematics, The University of Burdwan during February 18-20, 2015.
2. Convenor of the National Seminar on “Ramanujan and Mathematics” organized by the Department of Mathematics, The University of Burdwan on December 22, 2023.

Annexure-IV

1. Reviewer of the Mathematical Reviews of the American Mathematical Society.