

Personal Profile of Dr. Pinaki Majumdar

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| 1. Name: | Dr. Pinaki Majumdar |
| 2. Department: | Mathematics |
| 3. Date of joining: 23/02/2005, | Date of Superannuation: 30/06/2039 |
| 4. Present Designation: | Assistant Professor (Stage 2) |
| 5. Paper Presentation Details: | |

Sl. No.	Title of the paper presented	Title of Conference/Seminar	Organized by	Whether International/National/State/Regional/College or University level
1.	<i>On Type II Fuzzy Parameterized Soft Sets</i>	International conference on Recent Trends in Mathematical Sciences & Applications (ICRTMSA-2016)	Department of Mathematics, Univ. of Burdwan, February 09-11, 2016.	International
2.	<i>On Entropy measure of some non-crisp sets</i>	National conference on Recent Developments in Mathematics and its applications (NSRDMA-2016)	Department of Mathematics, Univ. of Kalyani, January 21-22, 2016.	National
3.	<i>Decision making using Interval Valued Neutrosophic Soft Sets</i>	International conference on Recent development in Mathematical sciences & their applications (CNDAPBS-2014)	Darjeeling Govt. college, Darjeeling, November 1-3, 2014.	International
4.	<i>Proximity of soft sets</i>	3 rd international conference on Frontiers of Mathematics & Applications (ICFMA-2014)	Department of Mathematics, Univ. Of Burdwan, January 29-31, 2014.	International
5.	<i>Decision making under uncertain environment using fuzzy parametrized soft sets</i>	National seminar on Recent Perspective on Non-linear Mathematics & its Application (RPNMA-2014)	Department of Mathematics, Visva-Bharati, India March 25-26, 2014.	National
6.	<i>On soft topology & soft gradation of openness</i>	National seminar on Mathematics for Nonlinear Systems	Department of Mathematics, Visva-Bharati, India March 17-18, 2013	National

7.	<i>On single valued neutrosophic sets</i>	National seminar on Advances in Mathematics & Applications (AMA-2013)	Department of Mathematics, Univ. of Burdwan, India March 6-7, 2013.	National
8.	<i>On interval valued neutrosophic sets</i>	National seminar on Non-linear aspects of analysis & Algebra (NAAA-2012)	Department of Mathematics, Visva-Bharati, India March 24-25, 2012.	National
9.	<i>On softness of a soft set</i>	National seminar on Mathematics & Applications (NSMA-2012)	Department of Mathematics, Univ. of Burdwan, India March 28-29, 2012.	National

6. Charing Sessions: Acted as the convener of a national conference on Current trends in Indian Mathematics (CTIM-2012) held at M.U.C Women's College, Burdwan on 22 December, 2012.

7. Publication Details:

(a) Papers in journals:

Sl. No	Title with page no.	Journal	ISSN/ ISBN No.	Whether peer reviewed Impact factor, if any	No. of Co-author	Whether you are the main author
1.	Soft digraphs, operations and applications 12(6), 791-804, 2016	Annals of Fuzzy Mathematics and Informatics (Korea)	2093-9310	YES Mathematical Reviews (MathSciNet, USA) Zentralblatt MATH zbMATH	2	No
2.	On some similarity measures and entropy on quadripartitioned single valued neutrosophic sets 30(4),2475-2485 (2016)	Journal of Intelligent and Fuzzy Systems(IOS press)	1064-1246	YES (IF 2015= 1.81)	2	NO
3.	Type 2 soft sets 29, 885-898 (2015)	Journal of Intelligent and Fuzzy Systems(IOS press)	1064-1246	YES (IF 2015= 1.81)	2	NO
4.	Single valued neutrosophic multisets 10(3),499-514 (2015)	Annals of Fuzzy Mathematics and Informatics (Korea)	2093-9310	YES	2	No

5.	On soft linear spaces and soft normed linear spaces 9(1), 91-109 (2015)	Annals of Fuzzy Mathematics and Informatics (Korea)	2093-9310	YES	2	No
6.	Soft Proximity 7(6), 867-877 (2014)	Annals of Fuzzy Mathematics and Informatics (Korea)	2093-9310	YES	2	No
7.	Proximity of soft sets 8(1), 113-123 (2014)	Annals of Fuzzy Mathematics and Informatics (Korea)	2093-9310	YES	2	No
8.	New results of Intuitionistic Fuzzy Soft sets 2, 47-52(2014)	I.J. Information Engineering and Electronic Business	2074-9023	YES	3	No
9.	New operations on Intuitionistic Fuzzy Soft sets based on First Zadeh's logical operators 4, 71-81(2014)	Journal of new results in science,	1304-7981	YES	2	No
10.	New operations on Intuitionistic Fuzzy Soft sets based on Second Zadeh's logical operators 1, 25-31(2014)	I.J. Information Engineering and Electronic Business	2074-9023	YES	2	No
11.	On similarity and entropy of Neutrosophic sets 26, 1245-1252(2013)	Journal of Intelligent and Fuzzy Systems(IOS press)	1064-1246	YES(IF 2013 =0.936)	1	YES
12.	Decision Making based on similarity measure of vague soft sets, 24, 637-646 (2013)	Journal of Intelligent and Fuzzy Systems (IOS press),	1064-1246	YES(IF2013 =0.936)	1	YES

13.	Softness of a soft set: Soft set entropy, 6(1) 59-68 (2013)	Annals of Fuzzy Mathematics and Informatics (Korea)	2093-9310	YES	1	YES
14.	On Intuitionistic Fuzzy Continuity and Boundedness, 21(3) (2013) 531-542	The Journal of Fuzzy Mathematics (USA),	1066-8950	YES	1	YES
15.	On Multiset and multigroups, 6(3) (2013) 643-656.	Annals of Fuzzy Mathematics and Informatics (Korea),	2093-9310	YES	2	NO
16.	Soft Multisets, Vol. 2, No. 6, 1700- 1711(2012)	The Journal of Mathematical and Computational Science (SCI press UK),	1927-5307	YES	NIL	YES
17.	Soft Topology, Vol. 3, No. 1, pp 105- 115(2012).	Fuzzy Information & Engineering (Springer),	1616-8658	YES	2	NO

(b) Monographs:

(1) Written a chapter titled: **Soft Sets: Theory and Applications** in **Global Trends in Intelligent Computing Research and Development**, B.K. Tripathy and D.P. Acharjya, editors., IGI Global, USA (December, 2013), ISBN 978-1-4666-4936-1 (hardcover) -- ISBN 978-1-4666-4937-8 (ebook) -- ISBN 978-1-4666-4938-5 (print & perpetual access)

(2) Jointly written two chapters titled: “**New Operations on Intuitionistic Fuzzy Soft Sets Based on First Zadeh's Logical Operators**” and “**New Results of Intuitionistic Fuzzy Soft Set**” in the book titled: **Neutrosophic Theory and its Applications, Collected Papers, Vol. I**, Edited by Florentin Smarandache, EuropaNova Brussels, 2014 (ISBN -978-1-59973-320-3)

(3) Written a chapter titled “**Neutrosophic Sets and its applications to decision making**” in the book **Computational Intelligence for Big Data Analysis: Frontier Advances & Applications**,

Springer- Verlag/Heidelberg (Studies in Adaptation, learning, and Optimization Series), Editors- D.P. Acharjee, Satchidananda Dehuri, Dr. Sugata Sanyal. (ISBN 978-3-319-16597-4, ISBN 978-3-319-16598-1(eBook)).

(4) Written a chapter titled: ***Some hybrid soft sets and their applications in decision making*** in Handbook of Research on ***Generalized and Hybrid set structures and applications for soft computing***, Sunil Jacob John, editors., IGI Global, USA (2016) (ISBN13: 9781466697980).

8. Research Project Details:

(i) Completed an University Grants Commission (India) funded MRP (S) of Rs. 1,00,000/- on “Fuzzy Inner Product and Intuitionistic Fuzzy Inner Product Spaces” during 2010-2012.

(ii) Completed an research project from University Grants Commission (India) -MRP (S) scheme on “Neutrosophic Sets & its Applications” of Rs. 1,93,000/-during 2013-2015.

9. Research Guidance:

Registered as a Co-guide at Visva-Bharati, Santiniketan and one scholar (Rajashi Chatterjee) is currently doing research for her Ph.D. degree.

10. Refresher Course/ Orientation Programme:

Name of the	Place	Duration	Sponsoring
1 st R C in History of Science & Technology	ASC BU	30.01.2015-19.02.2015	UGC

11. Awards/Recognition:

A. Academic and Research Achievements:

- (i) Stood first class first in B.Sc. Mathematics (Honours) course in the University.
- (ii) Stood first class first in M.Sc. Mathematics course in the University.
- (iii) Received National Scholarship for the result in B.Sc.
- (iv) Received University Merit Scholarships.
- (v) Received Best Research Paper award in Mathematical Sciences in XII West Bengal Science & Technology Congress held at Univ. of Burdwan, India in 2010.
- (vi) Over 850 citations in Google Scholar. (i10 index: 11, H-index: 10)

B. Professional Experience:

- (i) Biography included in MARQUIS WHOS-WHO in SCIENCE, 2012 Edition.
- (ii) Life member of INDIAN MATHEMATICAL SOCIETY (Membership no. 2676/2007).

(iii) Member of Editorial & Review board of International Journal of Information Engineering and Electronic Business (IJIEEB), Modern Education and Computer Science Press (MECS). (ISSN: 2074-9023 (Print), ISSN: 2074-9031 (Online))

(v) Associate Editor of Journal of Arts Science & Teaching (ISSN 2395-4353).

(vii) Pinaki Majumdar acts as a reviewer of 20 reputed international journals.

(viii) Pinaki Majumdar has been conferred an honorary membership of Neutrosophic Science International Association for distinguished achievement in neutrosophics on 21/3/2016.

12. Consultancy/Invitation for classes:

(1) Working as a guest faculty of mathematics at Integrated Science education and research centre (ISERC), Visva-Bharati since 2010.

(2) Taken classes of M.Sc. Mathematics students at DDE-University of Burdwan since 2011-12.

(3) Taken classes of M.Sc. Mathematics students at Netaji Subhas Open University (Burdwan study centre) several times.

(4) Reviewer of several international reputed journals like Journal of Intelligent and Fuzzy Systems, IEEE Transactions on Fuzzy Systems, CAMWA (Elsevier), NM&NC (World Scientific), Mathematical Sciences (Hindwai), AFMI(Korea) etc.

13. Membership in Academic Bodies:

Life member of INDIAN MATHEMATICAL SOCIETY (Membership no. 2676/2007).

14. Academic Leadership: Acting as the in-charge of the Department of Mathematics (2010-2016).

15. Administrative Leadership/ Contribution to Management:

(i) Currently is a member of the college Governing Body (Teacher Representative).

(ii) Currently is a member of college finance committee.

(iii) Acted as the Bursar of the college during 2012-2015.

(iv) Acted as the convenor of Admission Committee for the session 2014-15.

(v) Acted as the convenor of the college Purchase committee during 2012-2015.

(vi) Member of several college sub-committees like admission etc.

16. Innovative Teaching Practices:

1. ICT based methods & use of Smart boards

2. Periodical class tests & Quiz

3. Seminar