Resume

1. **Name:** Dr. Pabitra Kumar Maji

2. **Father's Name:** Sj. Gurupada Maji

3. **Date of Birth:** 2nd January, 1972

4. **Addresses:**

   Communicating: 1st Floor, Monomohan Apartment, 4A Narasingha Avenue, Kolkata-700074.

   E_mail: pabitra_maji@yahoo.com

   Contact Number: 09434849087

5. **Marital Status:** Married

6. **Educational Qualifications:**

   (i) **Post Doctoral Research** for **two years duration** at **Department of Pure Mathematics, University of Calcutta, (Under UGC Post Doctoral Research Award Scheme Vide letter No. F-30-I/2009(SA-II) dtd. 02 July, 2009)**

   (ii) **Ph. D. in Mathematics** from **I. I. T. Kharagpur,**

   (iii) **M. Sc. in Mathematics** from **I. I. T. Kharagpur, (recipient of Merit Cum Means Scholarship)**

   (iv) **B. Sc. (Hons.) in Mathematics (Presidency College)** from **University of Calcutta**

   (v) **H. S. in Science** from **West Bengal Council of Higher Secondary Education (recipient of National Scholarship)**

   (vi) **Madhyamik** from **West Bengal Board of Secondary Education**

   Other Qualifications: **NET** qualified, qualified **GATE** examination with the percentile **95.39** and **All India Rank (AIR) 33** in the year 1999

7. **Title of the Ph. D Thesis:** Some Aspects of Soft Sets, Fuzzy Soft Sets, Intuitionistic Fuzzy Soft Sets

8. **Research Interest:** Soft Set, Fuzzy Soft Set, Intuitionistic Fuzzy Soft Sets, Decision Making**, soft computing**

9. **Research Experience: Eighteen years** of research experience

10. Other Research Activities: Acting as a **reviewer** of the following journals of
International repute:
1. Annals of Fuzzy Mathematics & Informatics
2. Computers and Mathematics with Applications
3. IEEE Transactions on Cybernetics
4. Information Sciences
5. Journal of Inform. Tech. & Decision Making
6. Mathematical and Computer Modeling
7. Filomet
8. Fuzzy Information and Engineering
9. Neural Computing and Application

11. External Examiner

    i.   **M. Phil Dissertation:**   **One completed**

    ii.   **Ph. D. Thesis:**   **One completed**

12. Scholarships: **Received National Scholarship at H. S. level**, Merit-cum-Means (MCM)
from **I. I. T. Kharagpur**

13. Award: **Post Doctoral Research Award, 2009** awarded by **UGC offer** letter
No. F. 30- 1/2009(SA-II) dt. July 2, 2009.

offered an **honorary membership** of **Neutrosophic Science International
Association**

14. Teaching Experience: **One year at B. Tech.** level in **I.I.T. Kharagpur**, **one year at B.
Tech.**

level in **University Institute of Technology, University of Burdwan,**
seventeen years at **B. Sc. (Hons.)** and **B. Sc. (General)** level in Bidhan Chandra College,
Asansol, West Bengal taught **three semesters** at **M. Sc.** Level at Kazi Nazrul University since
its initiation and **nine months** at **B. Sc. (Hons.)** and **B. Sc. (General)** level in Santipur College,
Santipur, Nadia.

15. Administrative Experience: Served as Hostel Superintendent for one year (approx.) in
University Institute of Technology, University of Burdwan and performed
the duties as course co-ordinator of Mathematics department in K N U and
served the duties as a head, department of Mathematics, Bidhan Chandra

College, Asansol.

16. Present Engagement: Presently engage in teaching as an Assistant Professor (senior scale) in Mathematics at Santipur College, Santipur, Dist.- Nadia (from April 01, 2019 to till date).

17. Research Achievement: Research on soft set theory is growing very rapidly.

We proposed 'Fuzzy Soft Set' which is a new concept combined with concept combined with soft set and fuzzy sets. Based on this work a **special issue** entitled "Fuzzy Soft Set-based Decision Making has been published by the **Int. J. of Machine Intelligence and Sensory Signal Processing,** Guest Editor: Tutut Herawan, University Malaysia Pahang Malaysia

www.inderscience.com › For authors › Calls for papers

Performed the duty as a PC chair for the international conference DataEng 2013.

Acting as an Member of Editor Board of the International Journal: Neutrosophic Sets and Systems and as Area Editor in the International Journal: Journal of New Theory.

18. Co-curricular Activities: Acted as **State Representative** (West Bengal) for **Youth Science Congress** for the year 2010-2011

19. List of the papers published by Pabitra Kumar Maji as single author / co-author

Serial No.	Co-author	Title of the paper	Name of the Journal	Page Number	Citation Number
01	R. Biswas, A. R. Roy	An Application of Soft Sets in a Decision Making Problem	Computers and Mathematics with Applications	44(8-9) (2002), 1077-1083	**1715**
02	R. Biswas, A. R. Roy	Soft Set Theory	Computers and Mathematics with Applications	45(4-5) (2003), 555-562	**2406**
03	A. R. Roy	A Fuzzy Soft Set Theoretic Approach to Decision Making Problems	Journal of Computational and Applied Mathematics	203 (2) (2007), 412-418	**819**

04	R. Biswas, A. R. Roy	Fuzzy Soft Sets	Journal of Fuzzy Mathematics	9(3) (2001), 589-602	**1634**
05	R. Biswas, A. R. Roy	Intuitionistic Fuzzy Soft Sets	Journal of Fuzzy Mathematics	9(3)(2001), 677-692	**546**
06	R. Biswas, A. R. Roy	On Intuitionistic Fuzzy Soft Sets	Journal of Fuzzy Mathematics	12(3) (2004), 669-683	**317**
07	**Single**	More on Intuitionistic Fuzzy Soft Sets	Lecture Notes in Computer Science	Vol. 5908, (2009),Spinger, 231-240	**82**
08	A. R. Roy	New Operations on Intuitionistic Fuzzy Soft Sets	Journal of Fuzzy Mathematics	20 (3), (2012), 515 – 529	Unknown
09	**Single**	Operations on Intuitionistic Fuzzy Soft Sets	Journal of Fuzzy Mathematics	20 (1), (2012), 163-177	Unknown
10	**Single**	Two New Operations on Intuitionistic Fuzzy Soft Sets	Journal of Fuzzy Mathematics	20 (2), (2012), 273-284	Unknown
11	B. N. Ghatak	On Interval-valued Intuitionistic Fuzzy Soft Sets	Bulletin of Calcutta Mathematical Society	103 (4), (2011), 347 - 358	Unknown
12	**Single**	Neutrosophic Soft Set	Annals of Fuzzy Mathematics and Informatics	5(1), (January 2013), 157-168	**334**
13	**Single**	A Neutrosophic Soft Set Approach to a Decision Making Problem	Annals of Fuzzy Mathematics and Informatics	3 (2), (April 2012), 313- 319	**48**
14	**Single**	An Application of Intuitionistic Fuzzy Soft Sets in a decision Making Problem	Progress in Informatics and Computing,	2010, 349 - 351	**8**
15	**S. Broumi** and **F. Smarandache**	Intuitionistic Neutrosophic Soft Sets over Ring	Mathematics and Statistics	2(3), (2014), 120-126	**31**
16	**Jianming Zhan**	Applications of Soft Union Sets to h-semisimple and h-quasi-hemiregular Hemirings	Hacettepe Journal of Mathematics and Statistics	43 (5), (2014), 815 – 825.	**04**
17	**Single**	Weighted Neutrosophic Soft Sets	Neutrosophic Sets and Systems	6, (2014), 6-12,	**08**

18	**Single**	Weighted Neutrosophic Soft Sets Approach in a Multi-criteria Decision Making Problem	Journal of New Theory	5, (2015), 1-12	**19**
19	**Single**	An Application of Weighted Neutrosophic soft sets in a Decision Making Problem	Springer Proceeding in Maths and Stats	125, (2015), 215 - 223	**9**
20	**Ganeshsree Selvachandran, I. E. Abed and A. R. Salleh**	Complex vague soft sets and its distance measures	Journal of Intelligent & Fuzzy Systems	**31 (2016) 55–68**	**19**
21	**Ganeshsree Selvachandran, I. E. Abed and A. R. Salleh**	Relations between complex vague soft sets	Applied Soft Computing	**47 (2016) 438–448**	**33**
22	**Ganeshsree Selvachandran, R.Q. Faisal and A. R. Salleh**	Distance and distance induced intuitionistic entropy of generalized intuitionistic fuzzy soft sets	Applied Intelligence	**July 2017, Volume 47, Issue 1, pp 132–147**	**18**
23	**Ganeshsree Selvachandran, NA Hafeed, A. R. Salleh**	Mappings on classes of expert complex fuzzy soft sets	Afrika Matematika	**30 (3-4)(2019), pp 459-467**	**unknown**

Delivered invited talks in the following seminars/conferences

Serial No.	Name of the Seminar/Conference	Date of the Conference	Place of the Conference	Paper Presented/ Participated
01	**International Workshop** on Fuzzy Sets, Rough Sets, Uncertainty Analysis and application	November 21 – 25, 2011	N I T Durgapur	**Delivered an invited talk**
02	**International** conference ICFUA held in Kolkata	December 5 – 7, 2013	Department of Applied Maths C. U and ORSI	**Delivered an invited talk**
03	**National** Conference	December 7, 2016	MUC Women's College, Burdwan	**Delivered an invited talk**
04	**National** Conference on Fuzzy Set	November 30	NIT, Durgapur	**Delivered an**

| | Theory and Applications | – December 02,2017 | | **invited talk** |

20. List of papers presentations/participation in different seminars/conferences/workshops

Serial No.	Name of the Seminar/Conference	Date of the Conference	Place of the Conference	Paper Presented/ Participated
01	National Conference on Recent Trends in Mathematics and Computing and 27th Annual Conference of Orissa Mathematical Society	March 11-12, 2000	Utkal University, Bhubaneswar	**Presented**
02	National Seminar on Mathematics and its Applications	December 26-28, 2001	University of Burdwan	**Presented**
03	National Seminar on Recent Trends in Mathematics	December 26-28, 2002	University of Burdwan	**Presented**
04	National Seminar on Globalization and its Impact on Higher Education in India	January 13, 2003	Presidency College	Attended
05	National Seminar on Challenges to education in the Present Scenario	October 9, 2004	Sarat Sadan, Howrah	Attended
06	National Seminar on Advances in Mathematics and Applications	January 18-20, 2006	University of Burdwan	Attended
07	Orientation Programme	February 10 to March 09, 2006	University of Calcutta	Attended
08	National seminar on Political Economy of Common Minimum Programme	November 20-21, 2006	Raghunathpur College, Purulia	Attended
09	Seminar on Discrete Mathematics with its Applications	March 16-17, 2007	B. B. College, Asansol	Attended
10	**International** Conference on Frontier of Mathematics and Applications	January 16 – 18, 2008	University of Burdwan	**Presented**
11	National Seminar on Generaliza1tions and Approximations in Mathematics	March 28 – 29, 2008	Visva-Bharati	Attended
12	State Level seminar on Contract Farming in India: Problem and Prospects	March 28, 2008	Raniganj Girls' College, Raniganj	Attended
13	State Level seminar on Common Property Resource Management	April 05, 2008	Khandra College, Khandra	Attended
14	National Conference on Uncertainty: A Mathematical Approach	September 23 – 24, 2008	M U C Women's College,	**Presented**

			Burdwan	
15	Winter School on Probability, Statistics and Optimization Methods with Applications	January 19 – 30, 2009	N I T Durgapur	Attended
16	Refresher Course	November 17 – December 08, 2009	University of Calcutta	Attended
17	**International Conference** on Rough Sets, Fuzzy Sets and Soft Computing	November 5 – 7, 2009	Tripura University	Attended
18	12th **International Conference** on Rough Sets, Fuzzy Sets, Data Mining and Granular Computing	December 15 – 18, 2009	I I T Delhi	**Presented**
19	Seminar on Logic and Set Theory	December 21 – 22, 2009	University of Calcutta	**Presented**
20	**International Conference** on Recent Advances in Mathematics & Applications	January 13 – 15, 2010	University of Burdwan	Attended
21	National Seminar on Frontier of Mathematics and Applications	March 27 – 28, 2010	Calcutta Mathematical Society	**Presented**
22	2nd Indian Youth Science Congress	June 26 – 28, 2010	S R M University, Chennai	**Presented**
23	Refresher Course	August 02 – 21, 2010	University of Calcutta	Attended
24	National seminar on Frontiers of Mathematics and Mathematical Sciences	September 6 – 7, 2010	Calcutta Mathematical Society	**Presented**
25	National Seminar on Recent Reforms in Education in India: Trends and Challenges	October 1 – 2, 2010	University B. T. & Evening College and Tufanganj College, Coochbehar	Attended
26	National Workshop on Advances in Computational Optimization and Applications	November 8 – 12, 2010	N I T, Durgapur	Attended
27	2010 IEEE **International Conference** on Progress in Informatics and Computing	December 10 – 12, 2010	Shanghai Jiao Tong University, Shanghai	**Presented**
28	National Seminar on Mathematics and its Applications	February 22-23, 2011	University of Calcutta	Attended
29	**Tutorial Workshop** on Cryptology	July 16 – 17, 2011	University of Calcutta	Attended

30	State Level Seminar on Some Prospects of Higher Mathematics in the light of U G Curriculum	July 22, 2011	Department of Mathematics, Narendrapur Ramkrishna Mission	Attended
31	National Seminar on Recent Developments of Mathematics and Mathematical Sciences	November 25 – 26, 2011	Bethun College, Kolkata	**Presented**
32	National Seminar on Mathematics and Mathematical Sciences	December 27 – 28, 2012	Mathematics Departments, University of Calcutta	Participated
33	Interdisciplinary Short Term Course on Mathematical, Physical and Chemical Sciences	February 22 – 28, 2013	Department of Applied Mathematics, Physics, Chemistry and UGC-ASC, University of Calcutta	Participated
34	**International** conference MSAST	December 21-23, 2014	Organized by IMBIC	**Presented a paper**
35	Refresher Course	January 11 – 31, 2016	UGC, HRDC, Ranchi Univ.	Participated
36	National conf. on Computational Maths. & Non-linear Dynamics	February 19-21, 2016	Department of Mathematics, Visva-Bharati	**Presented**
37	**National** Conference	November 10-12, 2016	Bangabasi College	participated
38	**National** Conference	November 19-20	Jadavpur University & WBCUTA	participated

Reviewed the following books:

i. **The Math Encyclopedia of Smarandache Type Notations, Vol.-I (2013) published by Education Publishing, 1313 Chesapeake avenue, Columbus, Ohio 43212, USA (ISBN: 978-1-59973-252-7)**

ii. **The Efficient Use of Supplementary Information in Finite Population Sampling (2014) published by Education Publishing, 1313 Chesapeake avenue, Columbus, Ohio 43212, USA (ISBN: 978-1-59973-275-6)**

iii. Two Hundred and Thirteen Conjectures on Primes (2015), published by Education Publishing, 1313 Chesapeake avenue, Columbus, Ohio 43212, USA (ISBN: 978-1-59973-326-5)

<mark>Co-authorship</mark> of the books:

1.   Polytechnic Mathematics Vol. I, 2014, Matrix Educare Pvt. Ltd.
2.   Degree Mathematics Vol- I, 2015, Central Publishing Concern, 8/1, Chintamoni Das
                                                    Lane, Kolkata-700 009.

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