

DR. PRADIP KUMAR GAIN
ASSOCIATE PROFESSOR



| | |
|-------------------------------------|---|
| Department | Mathematics |
| Teaching Experience | UG Level : 30 years at Kharagpur College(01-07-1994 to 30-06-2024) PG Level : 08 years at Netaji Subhas Open University- Kharagpur College Study Centre (October, 2016 to June 2024) |
| Phone No | 7908883780 / 9593686790 |
| Email Id | pradipgain15@gmail.com Pradip_gain@rediffmail.com |
| Qualification | M. Sc, M. Phil, Ph.D. |
| Date of Joining | 01-07-1994 |
| Research Experience and Area | 18 yrs. Topology, Fuzzy topology, Soft Topology, Fuzzy Soft Topology. |

PUBLICATIONS :

International Journals :

- (1) On Some Decompositions of Fuzzy Soft Continuity, *The Journal of New Theory*, 4, 39-52, 2015. ISSN-2149-1402.
Link : <https://www.academia.edu/12169492>
Link : <https://dergipark.org.tr/en/download/article-file/407407>
- (2) A Note on Fuzzy Soft Semi Open Sets and Fuzzy Soft Semi Continuous Functions, *The Journal of Fuzzy Mathematics* 22(4), 973-989, 2014. ISSN 1066-8950
Link : <https://www.academia.edu/9859495>
- (3) On Fuzzy I_β -Compact Spaces and Fuzzy I_β -Closed Spaces, *The Journal of Fuzzy Mathematics*, 22 (1) (2014) 185-196. ISSN 1066-8950
Link : <https://www.academia.edu/109091789>

- (4) A New Approach Towards Characterization of Semicompactness of Fuzzy Topological Spaces and Its Crisp Subsets, *Journal of Fuzzy Set Valued Analysis*, 2013 (2013), 1-6. ISSN 2193-4169

Link: <https://www.researchgate.net/profile/Madhumangal-Pal/publication/291110556>

Link: <https://pdfs.semanticscholar.org/6b86/e7789e1a8b5d757da70c50a1b50af4a7a40b.pdf>

Link : <https://www.academia.edu/49342319>

National Journals :

- (5) On Compact and Semicompact Fuzzy Soft Topological Spaces, *Journal of Mathematical and Computational Science*, 4 (2) (2014) 425-445. ISSN: 1927-5307

Link : <http://scik.org/index.php/jmcs/article/view/1515>

Link : <https://www.academia.edu/49662249>

- (6) On Generalization of S-closedness For Fuzzy Topological Spaces Through Fuzzy Ideals, *International Journal of Mathematical Archive*, 5 (6) (2014) 159-165. ISSN 2229 – 5046

Link: <http://www.ijma.info/index.php/ijma/article/view/2956>

Link : <https://www.academia.edu/120232761>

- (7) On Some Structural Properties of Fuzzy Soft Topological Spaces, *International Journal of Fuzzy Mathematical Archive*, 1 (2013) 1-15. ISSN: 2320-3242 (P), 2320-3250 (online)

Link: <http://www.researchmathsci.org/IJFMAart/ijfma-v1-1.pdf>

Link: <https://pdfs.semanticscholar.org/104f/a68faa1ae57544e7a2bb7384d86d428951ab.pdf>

Link : <https://www.academia.edu/69661288>

- (8) On Some Decompositions of Fuzzy Continuity Through Fuzzy Topological Ideal, *International Journal of Mathematical Research & Science*, 1 (3) (2013) 21-30. ISSN2347-3975

Link: <https://www.academia.edu/109092116>

- (9) On Characterization of Some Fuzzy Subsets of Fuzzy Ideal Topological Spaces and Decomposition of Fuzzy Continuity, *CiiT International Journal of Fuzzy Systems*, 4 (4) (2012) 115-120. Print: ISSN 0974-9721 & Online: ISSN 0974- 9608

Link : <http://www.ciitresearch.org/dl/index.php/fs/article/view/FS042012001>

Link: <https://www.academia.edu/109092262>

- (10) Characterization of Some Fuzzy Subsets of Fuzzy Ideal Topological Spaces and Decomposition of Fuzzy Continuity, *International Journal of Fuzzy Mathematics and Systems*, 2 (2) (2012) 149-161. ISSN 2248-9940

Link : <http://www.i-scholar.in/index.php/ijfms/article/view/39967>

Link : https://www.ripublication.com/ijfms/ijfmsv2n2_07.pdf

Link : <https://www.academia.edu/109092175>

- (11) On α -N-Topological Spaces Associated with Fuzzy Topological Spaces, *Annals of Pure and Applied Mathematics*, 1 (1) (2012) 1-12. ISSN 2279-087X

Link: <https://pdfs.semanticscholar.org/1e2e/b638c12c3753ea8a6428e876c7a82ec72b91.pdf>

Link : <http://www.researchmathsci.org/apamart/apam-v1n1-1.pdf>

Link : <https://www.academia.edu/109092356>

SEMINAR ATTENDED

- UGC sponsored State Level Seminar on “Mathematics Teaching” held on 16-02-2001 at Pingla Thana Mahavidyalaya.
- UGC sponsored State Level Seminar on “Militant Nationalism in Midnapore Till 1947” held on 12-03-2002 at Kharagpur College.
- UGC sponsored National Seminar on “ Post Independence Indian Fiction (Eastern Region): A Comparative Study” held on 24-25 Nov. 2006. at Kharagpur College.
- UGC sponsored National Seminar on “Challenges to Education in the Present Scenario” held on 09-10-2004 at Shibpur Dinobundhoo Institution.
- UGC sponsored National Seminar on “Teaching Methodology In Higher Education” held on 18-02-2010 at Kharagpur College.
- UGC sponsored State Level Seminar on “Mathematics Behind Computer” held on 26-03-2010 at Vivekananda Satabarshiki Mahavidyalaya.
- National Seminar on “Recent Development In Applied Mathematics and its Applications” held on 30-31 March 2011 at Vidyasagar University.
- Regional Level Seminar on “Ordinance of Universities in West Bengal : Advancement or Retrogression ?” held on 17-12-2011 at Vidyasagar Teacher’s Training College, Midnapore.
- UGC sponsored National Seminar on “A New Movement In Indian Philosophy and Culture : Contribution of Swami Vivekananda” held on 22-23 December 2011 at Kharagpur College.
- UGC sponsored National Seminar on “Scientific Ideas as Reflected In The Vedas and Later Sanskrit Literature” held on 19-20 January 2012 at Kharagpur College.
- National Seminar on “Higher Education in India : 12th Five Year Plan” held on 28-12-2013 at Midnapore College.
- National Seminar on “New Higher Education Policy in India : Problems & Prospects” held on 30-01-2016 at K.D. College of Commerce & General Studies, Midnapore.

PROJECT PI or Co PI :

- Minor Research Project in Science, No- PSW-84/06-07 (ERO) Dated 06/11/2006. **Project completed.**

WORKSHOP :

- 1-DAY WORKSHOP on “**Promotion Under Career Advancement Scheme**” held on 14-09-2019 at Kharagpur College.
- 1-DAY SYMPOSIUM on “**New UG Syllabus of Mathematics**” held on 13-09-2017 at Vidyasagar University.
- 5-DAY NATIONAL WORKSHOP on “**Optimization And Fuzzy Mathematics**” held on 09 to 13th September 2014 at Vidyasagar University.
- 3-DAY STATE LEVEL WORKSHOP on “**C-Language & Its Application**” held on 28 to 30th March 2012 at Kharagpur College.
- 1-DAY WORKSHOP on “**The Revised UG Syllabi of Mathematics For 3-Tier Examination Pattern**” held on 22-12-2005 at Raja N. L. Khan Women’s College.

INVITED LECTURE :

Presented a paper entitled “**On a Decomposition of Fuzzy Soft Continuity**” in 5- DAY WORKSHOP on “**Optimization And Fuzzy Mathematics**” held on 09 to 13th September 2014 at Vidyasagar University.

BOOK OR CHAPTER PUBLISHED :

Some Problems of Fuzzy and Fuzzy Soft Topological Spaces, ISBN: 978-3-659-74114-2
Published on 15/06/2015.

Link : <https://www.morebooks.de/store/gb/book/some-problems-of-fuzzy-and-fuzzy-soft-topological-spaces/isbn/978-3-659-74114-2>

ADMINISTRATIVE POSITION :

- Acted as a member (Teacher’s Representative) of GOVERNING BODY of Kharagpur College during the period 2010-2014.
- Acted as a member (University Nominated) of GOVERNING BODY of Sabong Sajanjikanta Mahavidyalaya) during the periods 1998-2002, 2002-2006, 2006-2010, 2010-2011.
- Acted as a Secretary, Managing Committee, Inda Balika Vidyalaya, PO: Inda, Kharagpur, during the period 2013-2017.
- Till date, acting as Co-ordinator, Kharagpur College Study Centre, Netaji Subhas Open University.
- Acted as the Head of the Department, Department of Mathematics, Kharagpur College during the periods January, 2011- December 2013 and January, 2021- 21st Feb, 2023

COMMITTEE :

- Acted as the Secretary of Teacher’s Council of Kharagpur College during the period 2009-2010.
- Till date Joint Convenor, Teaching Learning and Evaluation Sub Committee, IQAC, Kharagpur College