

Name: Dr. Gopal Das
Designation: Assistant Professor
Department: Mathematics
Qualifications: M.Sc., Ph.D.



Brief Introduction:

Dr. Gopal Das is currently serving as an Assistant Professor (WBES) in the Department of Mathematics at Maulana Azad College, Kolkata. With 14 years of teaching experience in Honours and General courses and Engineering Courses, he has made significant contributions to undergraduate education. He taught at Jalpaiguri Government Engineering College, Jalpaiguri (affiliated with the MAKAUT) and Krishnagar Government College, Nadia (affiliated with the University of Kalyani), before joining Maulana Azad College, Kolkata (affiliated with the University of Calcutta).

Dr. Das's research interests are in the field of Functional Analysis, Operator Theory. He has published research papers in reputed national and international journals and Book Chapters. He also successfully completed a UGC-sponsored Minor Research Project titled "Studies on Numerical Range and Numerical Radius of an Operator on Hilbert/ Banach Space".

Education:

Degree	College/ University	Affiliating University	Year
B.Sc. (Honours)	Jadavpur University	Jadavpur University	2002
M.Sc.	Jadavpur University	Jadavpur University	2004
Ph.D.	Title of the thesis: "Operator Inequalities pertaining to the Spectrum"	Jadavpur University	2011

Current Teaching:

- UG level : Honours and General courses under CBCS, 2018.
- UG level : Four-year (Honours and Honours with Research) under NEP, 2020

Research Interests: Functional Analysis, Operator Theory

Minor Research Project:

- Title of the Project: "Studies on Numerical Range and Numerical Radius of an Operator on Hilbert/ Banach Space", Sponsored by UGC, Approval Letter No. PSW-112/11-12(ERO) dated. 03/08/11. Duration two years.

Selected Publications:

1. (With Kallol Paul, Lokenath Debnath) ' **Computation of Antieigenvalues of Bounded Linear Operators Via Centre of Mass** ', International Journal of Applied and Computational Mathematics, 2014, (DOI) [10.1007/s40819-014-0007-5](https://doi.org/10.1007/s40819-014-0007-5)
2. (With Kallol Paul) '**Cosine of Angle and Center of mass of an operator**': **Mathematica Slovaca Vol. 62(2012) No. 1 pp. 1-14.**
3. (with Kallol Paul) '**Antieigenvalues of doubly stochastic matrices**', Bulletin of Calcutta Mathematical Society, 103 (5), 2011, 391-402
4. (With Kallol Paul) '**Computation of Symmetric Antieigenvalue for Non-normal Operator**': International Journal of Mathematical Analysis Vol. 5 No.10(2011) pp. 479-486.
5. (With Kallol Paul) '**Symmetric Antieigenvalues for Normal Operators**': International Journal of Mathematical Analysis Vol. 4 No. 11(2010) pp. 509-525.
6. (With Kallol Paul) '**On an example related to a conjecture of Rajendra Bhatia and Peter Šemrl**': South East Asian Journal of Mathematics and Mathematical Sciences Vol. 6 No. 2(2008) pp. 119-120.

Book Chapters / Conference Proceedings:

1. (With Kallol Paul) *Integrating all notions of antieigenvalues of a bounded linear operator*, Mathematical Sciences and their Applications; Recent Advances, Narosa, pp. 200-201.
2. *Weaving Frames and Angle between two Operators in $L(H)$* , DISTANCE EDUCATION AND ITS OBSCURITIES: ADDRESSING THE 'INACCESSIBILITY' CONUNDRUM IN MATHEMATICS AND OTHER DISCIPLINES, NSOU, 2018

Participation in Seminars/ Conferences/ Workshops :

1. Presented a paper on “Cosine of angle and Centre of Mass of an Operator” in 21st International Workshop on Operator Theory and Its Applications (IWOTA 2010), organised by Technische Universität Berlin , July 12-16, 2010.
2. Presented a paper on “Antieigenvalues on Doubly Stochastic Matrices” in National Conference on Mathematics and its Applications (NCMA 2010) organised by Department of Mathematics, Jadavpur University held during 13 -14 January, 2011.
3. Presented a paper entitled “On Generalised Antieigenvalues and Generalised Min-Max Equality” in National Conference on Optimization and Computational Mathematics (NCOCM 2016) organised by Department of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, held during 1-2 March, 2016.
4. Presented a paper on “ Weaving frames in Separable Hilbert Spaces” in UGC-DE Sponsored One Day National Conference on Distance Education and its Obscurities: Addressing the “Inaccessibility” Conundrum in Mathematics and Other Disciplines organised by School of Sciences, Netaji Subhas Open University.
5. Presented a paper on “Cosine of angle of an Operator on Hilbert Space and its Applications” in National Conference on Academy for Progress of Mathematics on Recent Advances in Mathematical Analysis and Applications (NCAPM- RAMAA-2022) organised by DST-Centre for Interdisciplinary Mathematical Sciences, Institute of Science, Banaras Hindu University held on 7-8 March, 2022.
6. Participated in International Conference on Innovations in Applied Science and Engineering (ICIASE-2022) Organised by Department of Physics, Department of Mathematics, Department of Electronics & Communication Engineering and Department of Humanities & Management, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar.

Members:

- Life Member of ‘INDIAN STATISTICAL INSTITUTE’
- Life Member of ‘CALCUTTA MATHEMATICAL SOCIETY’
- Life Member of ‘NADIA MATHEMATICAL SOCIETY’

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