



Swarupa Roy, M.Sc, M.Phil.

Designation : Assistant Professor

Department : Department of Basic Science and Humanities
(JOINED THE INSTITUTE IN 2020)

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RESEARCH INTERESTS

Operator Theory, Complex Analysis.

Academic Qualifications

M. Phil. (Mathematics): Utkal University, Odisha, India.

M.Sc.(Mathematics): Banaras Hindu University, Varanasi, India.(Prof. B.B. Sinha Gold Medal)

B.Sc. B.Ed(4 years Integrated): Regional Institute of Education, NCERT, Bhubaneswar, India.

Teaching Experience/Industrial Experience/Research Experience

Joined Silicon Institute of Technology as a faculty in Mathematics on Nov 2020.

9 years teaching experience in academics.

4 years research experience.

PUBLICATIONS

JOURNAL:

- [1]. "Toeplitz and Hankel operators on weighted Bergman spaces", Ann. Acad. Rom. Sci., ISSN 2066-6594, Vol. 12, No. 1-2/2020..

Research paper presentation:

- [1]. "Toeplitz and Hankel operators on weighted Bergman spaces" in "International Conference" on Advance Mathematical Analysis and its Applications, 4-5th Feb. 2020, Berhampur University, Odisha.
- [2]. "Operators on weighted Bergman spaces" in the National Seminar on Recent Trends in Mathematical Analysis & Applications, 28th Feb - 1st Mar, 2019, Utkal University, Bhubaneswar..
- [3]. "Berezin Transform on weighted L^2 space" in the National Seminar on Functional Analysis & its Applications, organized 11th March, 2019, Utkal University.

ANY OTHER

Conferences attended

- [1]. National Seminar on Data Science, 46th Annual Conference of Odisha Mathematical Society organized by Silicon Institute of Technology, Bhubaneswar, 19-20 January, 2019.
- [2]. Teachers Enrichment Workshop on Real, Complex and Functional Analysis, Institute of Mathematics and Applications, Bhubaneswar, 19-25 June, 2018.
- [3]. Workshop on MATLAB & MAPLE, P.G. Department of Mathematics, Utkal University, 24-25 March, 2017.
- [4]. National Seminar on "ANALYSIS & ITS APPLICATIONS", P.G. Department of Mathematics, Utkal University, 21-22 March, 2015.