

ALIPURDUAR COLLEGE

P.O: ALIPURDUAR COURT, DIST: ALIPURDUAR

WEST BENGAL, PIN CODE: 736122

PERSONAL PROFILE

Name: **Dr. Sourav Kar.**

Educational Qualifications: **M.Sc., B.Ed., Ph.D.**

Designation: **Assistant professor.**

Date of Joining: **01.11.2019.**

Area of Teaching: **Real & Complex Analysis, Differential Equation, Numerical Analysis, Probability & Statistics, Graph Theory.**

Research Interest: **Complex Analysis (Mathematics).**

Contact No.: **9832014042.**

Mail Id: **drskar1981@gmail.com**

Present Address: **H/O Manik Das, Netaji Road, Madhya para, Alipurduar-736121, West Bengal.**

Home Address: **Adarsha Nagar Colony, Mahananda Para, P.O. Siliguri Bazar, Dist. Darjeeling, Pin. 734 005, West Bengal.**



Previous College:

- **Assistant Professor of Mathematics in the Department of Engineering Sciences & Humanities in the Siliguri Institute of Technology from 02.01.2006 to 31.10.2019.**
- **Lecturer in Mathematics (Contractual) in the Department of Mathematics in the Surya Sen Mahavidyalaya from 01.08.2005 to 31.12.2005.**
- **Lecturer in Mathematics (Part time) in the Darjeeling Polytechnic from March, 2004 to July, 2005.**

Date of Retirement: **31.05.2046.**

RESEARCH AND ACADEMIC CONTRIBUTIONS:

Title of the Ph.D.: **A critical study on the theory of entire and meromorphic functions.**

Date of Ph.D. Award: **08.01.2010.**

Published Papers in National / International Journals:

- (1) *On the growth of differential monomials*, Int. J. Pure Appl. Math., Vol.45, No.4 (2008), pp.573-585.
- (2) *Some growth properties of wronskians*, Int. J. Math. Anal., Vol.2, No.25 (2008), pp.1209-1221.
- (3) *A Note on entire functions of L-bounded index and of non uniform L-bounded index*, Wesleyan J. Research, Vol.1 (2008), pp.72-84.
- (4) *On the L- order of entire functions*, J. Math., Vol.1 (2008), pp.13-16.
- (5) *On the growth properties of entire functions of L-bounded index*, J. Math., Vol.1, No.2 (2008), pp.107-116.
- (6) *Some comparative growth properties of Differential polynomials*, Int. J. of Math. Sci. & Engg. Appls., Vol.3, No.1 (2009), pp.113-128.
- (7) *Generalised growth properties of composite entire functions*, Int. J. Pure Appl. Math., Vol.51, No.4 (2009), pp.513-526.
- (8) *On relative proximate deficiency of the common roots of two meromorphic functions*, Int. Math. Forum, Vol.4, No.26 (2009), pp.1289-1300.
- (9) *On relative defects of differential monomials*, Wesleyan J. Research, Vol. 2, No. 2 (2009), pp.38-47.
- (10) *On the generalised growth properties of composition of entire functions*, Int. J. Contemp. Math. Sci., Vol.4, No.23 (2009), pp.1101-1111.
- (11) *On the L- order of meromorphic functions based on Relative sharing*, Int. J. Pure Appl. Math., Vol.56, No.1 (2009), pp.43-47.
- (12) *Generalised L^* -order of entire and meromorphic functions based on sharing*, J. Math., Vol.2, No.2 (2009), pp. 173-180.

Publications other than Journal articles (books, chapter in books):

Books with ISBN/ISSN number published by International Level Publishers:

- Engineering Mathematics-I (ISBN-13: 978-9353162849)
- Engineering Mathematics-II (ISBN-13: 978-9389949582)
- Engineering Mathematics-III (ISBN-13: 978-9339222079)

Publisher: McGraw Hill Education (India) Private Limited.

Papers Presented in Conferences, Seminars, Workshops, Symposia:

International:

- International Seminar on Foundation of Mathematics, Analysis and Geometry; organised by Department of Pure Mathematics, University of Calcutta during December 12- 14, 2007.
- International Symposium on Recent Advances in Mathematics and its Applications (ISRAMA 2007); organised by Calcutta Mathematical Society during December 15-17, 2007.
- International Conference on Frontier of Mathematics and Applications (ICFMA 2008); organised by Department of Mathematics, University of Burdwan during January, 16-18, 2008.
- International Symposium on Recent Advances in Mathematics and its Applications (ISRAMA 2008); organised by Calcutta Mathematical Society during December 19-21, 2008.

National:

- National Seminar on Mathematics Education and Research (NSMER 2007); organised by Calcutta Mathematical Society during September 6-8, 2007.
- National Seminar on Numerical and Computational Techniques in Mathematics and its Applications (NSNCTMA - 07); organised by Department of Mathematics, Siliguri College during December 1-2, 2007.

Participation in Conferences, Seminars, Workshops, Symposia:

- National Workshop on "Astronomy for Engineers"; organised by Department of Engineering Sciences & Humanities, Siliguri Institute of Technology during September 10-11, 2006.
- AICTE Sponsored National Seminar on "Hydrogen Technology & Renewable Energy for Green Environment"; organised by Department of Engineering Sciences & Humanities, Siliguri Institute of Technology during April 16-17, 2007.
- National Seminar on "Nano Technology & It's Applications"; organised by Department of Engineering Sciences & Humanities, Siliguri Institute of Technology during September 6-7, 2008.
- QIP Short Term Course on Mathematical Methods, Modelling and Optimal Control; organised by Department of Mathematics, IIT Guwahati during June 2-6, 2009.
- ISTE Workshop on Fluid Mechanics; organised by IIT Kharagpur during May 20-30, 2014.
- ISTE Short Term Training Programme on Engineering Physics; organised by IIT Bombay during December 8-18, 2015
- Basic Pedagogy Training: Objective and Outcome Based Education System - Transforming Engineering Education to Match Global Needs; organised by EQUATE, New Delhi at Siliguri Institute of Technology during December 7-9, 2015 & March 11-13, 2016.
- Four Days Staff Development Program on Teaching Learning; organised by R&D Committee, Siliguri Institute of Technology during July 4-7, 2018.
- Five Days Staff Development Program on Teaching Learning; organised by R&D Committee, Siliguri Institute of Technology during July 8-12, 2019.
- One Day Workshop on "Use of ICT in Teaching Learning & Administrative Practices in connection to NAAC", organised by Teachers' Council, Alipurduar College in collaboration with Malda College on February 28, 2020.

Acted as a Organising Committee member of the following Seminar/ Workshop/ Events etc.

- Days with Books; organised by Siliguri Institute of Technology during February 13-15, 2015.
- A One -Day Seminar on "Recent Trends in Material -Research (RTMR-2015)"; organised by Department of Engineering Sciences & Humanities, Siliguri Institute of Technology on September 11, 2015.
- Post Celebration of "National Science Day" ; organised by Department of Engineering Sciences & Humanities, Siliguri Institute of Technology during March 9-10, 2018.
- Seminar on "Bridging the Gap: Employability & Industry Challenges"; organised by Department of Engineering Sciences & Humanities and Department of Business Administration, Siliguri Institute of Technology on April 11, 2018.
- Project Exhibition cum Competition on Solid Waste Management; organised by Solid Waste Management Unit, Siliguri Institute of Technology on April 21, 2018.
- A Two -Day Seminar on "Recent Advances in Engineering Sciences"; organised by Department of Engineering Sciences & Humanities, Siliguri Institute of Technology during September 28-29, 2018.
- 4th Regional Science & Technology Congress (Northern Region), West Bengal , organised by Alipurduar College during December 18-19, 2019.

Other Activities:

- Serving as a Member of the Database & Website Committee, Central Routine Committee in the Alipurduar College.
- Served as HOD of the Department of Engineering Sciences & Humanities in the Siliguri Institute of Technology.
- Served as Coordinator of the Department of Engineering Sciences & Humanities in the Siliguri Institute of Technology.
- Served as Joint Convener of the Library Advisory Committee and Cultural Committee in the Siliguri Institute of Technology.
- Served as Convener of the Student Welfare Committee in the Siliguri Institute of Technology.