

**Name:** Dr. Himadri Karmakar

**Designation:** Assistant Professor

**Email:** [himadri.karmakar@sxccal.edu](mailto:himadri.karmakar@sxccal.edu)  
[himadri394@gmail.com](mailto:himadri394@gmail.com)



**Qualification:** Ph.D. in Mathematics (Complex Analysis)

**Teaching Experience:**

Institution	Designation	Papers taught
St. Xavier's College, Kolkata (from 07.01.2020)	Assistant Professor	Business Mathematics & Statistics, Business Research, Quantitative Techniques for Management.
	Dept: B. Com & B.M.S.	
Syamaprasad College (23.04.2019 – 06.01.2020)	Guest Lecturer	Real Analysis, Applications of Calculus, Business Mathematics
	Dept: B.Sc. Hons & Gen, B. Com Hons & Gen	
Bangabasi Evening College ( from 11.10.2018)	Visiting Professor	Complex Analysis, Advanced Complex Analysis I & II
	Dept: M.Sc. in Pure Mathematics	

**Academics:**

Degree/Examination	Institution/University	Duration
Ph.D.	University of Kalyani (Under the supervision of Prof (Dr.) Pulak Sahoo)	2015-2019
NET (UGC-JRF)	UGC	2014
M. Sc. (Mathematics)	Christ University	2011-2013
B. Sc. Honours (Mathematics)	St. Xavier's College, Kolkata	2007-2010
Higher Secondary	Gangapuri Siksha Sadan (WBCHSE)	2005-2007
Secondary	Gangapuri Siksha Sadan (WBBSE)	2003-2005

### Fellowships:

1. UGC NET – JRF for pursuing Ph.D. degree.
2. Selected for Dr. D. S. Kothari Post-Doctoral Fellowship in 2020.

**Area of Research:** Value Distribution Theory of Meromorphic Functions.

### Publications:

Serial No.	Title, Journal, Volume	ISSN	Indexing/ UGC Care List
1	P. Sahoo and H. Karmakar, Uniqueness theorems related to weighted sharing of two sets, Acta Univ. Sapientiae, Mathematica, 10 (2), 329-339, 2018.	2066-7752	ESCI, SCOPUS / UGC Care List 2
2	P. Sahoo and H. Karmakar, On the value distribution of $f^n f^{(k)} - 1$ , Results in Mathematics, 73:98, 2018.	1420-9012	SCIE / UGC Care List 2
3	P. Sahoo and H. Karmakar, Uniqueness results related to certain q-shift difference polynomials, An. Stiint. Univ. Al. I. Cuza Iasi. Mat. (N.S.), LXIV (2), 389-403	2344-4967	SCOPUS / UGC Care List 2
4	P. Sahoo and H. Karmakar, Results on uniqueness of entire functions whose difference polynomials share a polynomial, Journal of Contemporary Mathematical Analysis, 52 (2), 102-110, 2017	1068-3623	SCIE / UGC Care List 2
5	P. Sahoo and H. Karmakar, Uniqueness of meromorphic functions whose nonlinear differential polynomials share a polynomial, Boll. Unione Mat. Ital., 9, 469-481, 2016	1972-6724	ESCI, SCOPUS / UGC Care List 2
6	P. Sahoo and H. Karmakar, Results on uniqueness of entire functions whose certain difference polynomials share a small function, Analysis Mathematica, 41, 257-272, 2015	0133-3852	SCIE / UGC Care List 2

### Peer-Review:

1. Boletín de la Sociedad Matemática Mexicana, ISSN: 1405-213X, (One article, 2019).
2. Journal of Mathematics, ISSN: 2314-4629, (One article, 2020).

### Participation and paper presentations in conferences/Workshops:

1. **Paper Presentation:** National Seminar on Mathematics and Applications, 2018, organized by The Department of Mathematics, University of Kalyani. Presented paper (as co-author): *A power of a meromorphic function sharing a set with its derivative.*
2. **Paper Presentation:** 82<sup>nd</sup> Annual Conference of THE INDIAN MATHEMATICAL SOCIETY, 2016, organized by The Department of Mathematics, University of Kalyani. Presented paper (as co-author): *Results on uniqueness of entire functions whose difference polynomials share a polynomial.*
3. **Participation:** III National Conference on Emerging Trends in Fluid Mechanics and Graph Theory, 2012, organized by The Department of Mathematics, Christ University, Bangalore.
4. **Participation:** Special Workshop on Current Topics in mathematics, 2013, organized by the Department of Mathematics, Christ University, in association with Karnataka Science and Technology Academy.
5. **Volunteer:** Celebration of National Year of Mathematics, 2012, Department of Mathematics, Christ University, Bangalore.
6. **Participation:** MTTTS Program, Sambalpur, 2009. (Level – O)

### Participation in Webinars:

1. *“Two days International Webinar on Complex Analysis and its Applications, organized”* by the Department of Mathematics, K. L. E. Society’s G. I. Bagewadi College, Nipani on 22<sup>nd</sup> and 23<sup>rd</sup> July 2020.
2. *“Pandemics and National Disasters: Understanding and Coping”*, organized by IQAC and Academic Council, St. Xavier’s College, Kolkata on 11<sup>th</sup> and 12<sup>th</sup> July, 2020.
3. *“A glimpse on shared value or set problems of a special class complex valued functions”* organized by Department of Mathematics, K L E Society’s Gudleppa Hallikeri College, Haveri on 30<sup>th</sup> July, 2020.
4. *“Two-day Webinar on NAAC Assessment and Accreditation Process”* organized by IQAC and Academic Council, St. Xavier’s College, Kolkata on 30<sup>th</sup> and 31<sup>st</sup> July, 2020.
5. *“Graphical demonstration as Teaching aid in connection with the syllabus of B. Sc Mathematics (hons.) under CBCS system”*, organized

by the Department of Mathematics & IQAC, Asutosh College, Kolkata, on 8th August, 2020.

6. *“One-Day National Level Webinar on History of Mathematics”*, organized by Calcutta Mathematical Society, on 6<sup>th</sup> September, 2020.
7. *“5-day online FDP on Universal Human Values for DEEKSHARAMBH (Student Induction Program)”* organized by NIT Patna during 21 - 25 September 2020.
8. *“Sandpile, Odometers, Membranes and Random Forests”*, organized by Department of Mathematics, St. Xavier’s College, Kolkata, on 17th October, 2020.
9. *“Faculty Development Program for Commerce (Morning)”*, organized by Department of Commerce (Morning), St. Xavier’s College, Kolkata, on 21<sup>st</sup> October, 2020.

**Co-Curricular Activities:**

1. Part of organizing committee of various mathematical activities in Christ University and St. Xavier’s College.
2. Performed in Various cultural activities conducted in St. Xavier’s College, Kolkata, Christ University, Bangalore and University of Kalyani.

**Hobbies:**

Music, Photography.