

**Name:** Dr. Himadri Karmakar

**Designation:** Assistant Professor

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**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
	Dept: B. Com Morning & 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	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	I.F.
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	SCOPUS	
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	1.162
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	
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	0.2
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	SCOPUS	
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	0.527

**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:** MTTS Program, Sambalpur, 2009. (Level – O)

### **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.