



Name	Dr. PRABIR GHARAMI
Designation	ASSISTANT PROFESSOR
Name of the Department	MATHEMATICS
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Educational Qualification:

<u>Degree Name</u>	<u>Institute</u>	<u>Year of passing/awarded</u>
B.Sc (Hons)	Jadavpur University	2005
M.Sc (Applied Mathematics)	Jadavpur University	2007
Ph.D	Jadavpur University	2018

Career Profile/Teaching Experience		
Assistant Professor, Department of Mathematics, Belda College, Date of Joining-18/08/2020		
Specialization/Research Area		
Astrophysics & General Theory of Relativity,		
Course/ Subject Taught		
ODE, PDE, Numerical Analysis, Number Theory, Vector Calculus		
Publications in Journal / Book / Book Chapter		
Papers		
<u>Title of the Paper</u>	<u>Journal Name with ISSN, Vol. etc.</u>	<u>Year of Publication</u>
A Theoretical Model of Non-Conservative Mass Transfer with Non-uniform Mass Accretion Rate in Close Binary Stars	<i>The African Review of Physics, Vol-10, pp: 435-441</i>	2015
Theoretical Model of Non-Conservative Mass Transfer with Uniform Mass Accretion rate in Contact binary Stars	<i>Bulgarian Astronomical Journal, Vol-24, pp:1-6</i>	2016
Non-Conservative Mass Transfer With Non-Uniform Mass Accretion Rate in Presence of Reverse Flow of Mass in Contact Binary Stars	<i>The African Review of Physics, Vol-12, pp: 33-40</i>	2017
Angular momentum loss due to magnetic braking in contact Binary stars.	<i>Bulletin of Calcutta Mathematical society, Vol-110, pp: 309-314</i>	2018
Theoretical Model of Magnetic Braking in Contact Binary stars	<i>Bulgarian Astronomical Journal, Vol-31, pp:1-13</i>	2019

Book/Book Chapter

Title of the Book	Publication Name with ISSN , Vol etc.	Year of Publication

Conference /Seminar/Workshop Attended/Paper Presented

YEAR	TITLE OF THE SEMINAR	TITLE OF THE PAPER	INTERNATIONAL/NATIONAL/STATE LEVEL
2014	International conference on current development in mathematics and Mathematical sciences (ICCDMMS)	A Theoretical model of non-conservative mass transfer in binary stars	INTERNATIONAL
2015	National conference on Emerging Trends in Mathematics and Mathematical Sciences (NCETMMS)	A Theoretical model of non-conservative mass transfer with non-uniform mass accretion rate in close binary stars allowing reverse flow of mass	NATIONAL
2016	National Seminar on Mathematical Physics (NSMP-2016)	A Theoretical model of non-conservative mass transfer with uniform mass accretion rate in contact binary stars	NATIONAL
2016	International Conference on Applications of Mathematics in Topological Dynamics, Physical, Biological and Chemical Systems (ICAMTPBCS-2016)	Non-conservative mass transfer in presence of reverse flow of mass in contact binary stars	INTERNATIONAL
2017	National seminar on contemporary Research in Theoretical and Applicable Mathematics	Non-conservative mass transfer with non-uniform mass accretion rate in presence of reverse flow of mass in contact binary stars	NATIONAL
2017	International Conference	A Theoretical Model of	INTERNATIONAL

	in Geometry and Mathematical Models in Complex Phenomena (ICGMMCP-2017)	Development of Magnetic Field due to Angular Velocity and in turn Magnetic Braking in Angular Velocity in Contact Binary Stars	
2018	National seminar on Mathematical and Theoretical Physics Commemorating 125th Birthday of Prof. S.N.Bose (NSMTP-2018)	Models of Magnetic Braking in Contact Binary Stars	NATIONAL
2018	One day National seminar on Contemporary Developments in Mathematics and Mathematical Sciences (CDMMS-2018)	Latitudinally and Radially Differential Rotation in Rotating Low-mass Stars	NATIONAL
2019	International Conference on Advances in Higher Mathematics, Mathematical Sciences and Mathematical Modelling (ICAHMMSMM-2019)	Theoretical Model of Tidal Angular Momentum for Close Binary Stars with Non-conservative mass transfer and Uniform mass accretion rate	INTERNATIONAL
2020	FIRST INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY RESEARCH (ICMR-2020) (Online Mode)	Theoretical Model of Tidal Angular Momentum in Close Binary Systems in Presence of Wind Driven Non-conservative Mass Transfer with Uniform Mass Accretion Rate	INTERNATIONAL
2022	International Conference on Algebra, Mathematical Analysis & Simulation (ICAMAS-2022)	ATTENDED	INTERNATIONAL
2023	‘Two-Day’ international Seminar on Physical and Mathematical Sciences	ATTENDED	INTERNATIONAL

Participation in seminars as a chairperson/Resource person:

YEAR	TITLE OF THE SEMINAR	INTERNATIONAL/NATIONAL/STATE LEVEL	VENUE/ORGANISING INSTITUTE
2022	International Conference on Algebra, Mathematical Analysis & Simulation (ICAMAS-2022)	INTERNATIONAL	CALCUTTA MATHEMATICAL SOCIETY KOLKATA, WEST BENGAL
2023	'Two-Day' international Seminar on Physical and Mathematical Sciences	INTERNATIONAL	CALCUTTA MATHEMATICAL SOCIETY KOLKATA, WEST BENGAL

Acted as a Seminar/Webinar/Conference Organizer

YEAR	TITLE OF THE SEMINAR/WEBINAR/CONFERENCE	ACTED AS	INTERNATIONAL/NATIONAL/STATE LEVEL	VENUE/ORGANISING INSTITUTE
16-17 th October, 2020	Two Days International Webinar on Recent Trends and Developments in Mathematics and Mathematical Sciences (RTDMMS-2020)	Convenor	INTERNATIONAL	BELDA COLLEGE, PASCHIM MEDINIPUR, WEST BENGAL

ASSOCIATESHIP/MEMBERSHIP:

NAME OF THE INSTITUTE	ADDRESS	PERIOD FROM---TO	NATURE OF ASSOCIATESHIP/MEMBERSHIP
Inter-University Centre for Astronomy and Astrophysics (IUCAA)	Post Bag 4, Ganeshkhind, Pune-411007, Maharashtra, India.	1 st August,2022—31 st July, 2025	Visiting Associate
Calcutta Mathematical Society	AE-374, AE Block, Sector-1, Bidhannagar, Kolkata-700064, West Bengal, India.	1 st July, 2014 to till date	Life Member

Invited Lectures :

YEAR	TITLE OF THE SEMINAR	TITLE OF THE TALK	INTERNATIONAL/NATIONAL/STATE LEVEL	VENUE/ORGANISING INSTITUTE
2017	International Seminar on 'cosmology, Relativity and Gravity Waves-2017'	Angular Momentum loss due to Magnetic Braking in Contact Binary Stars	INTERNATIONAL	THE ASIATIC SOCIETY, KOLKATA, WEST BENGAL