


Title	Dr.	First Name	Anjan	Last Name	Dutta	Photograph
Designation	Associate Professor					
Department	Physics & Astrophysics					
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Web-Page						
Education						
Subject	Institution	Year	Details			
Ph.D	Physical Research Laboratory, Ahmedabad	1991	Thesis topic: Studies of low energy anomalous and galactic cosmic rays in near earth space			
M.Sc	North Bengal University	1985	Subjects: Physics			
B.Sc	North Bengal University	1983	Subjects: Physics(Hons)			
Career Profile						
Organisation / Institution	Designation	Duration	Role			
Physical Research Laboratory, Ahmedabad	Post Doctoral Fellow	1991-93	Research			
Delhi University	Lecturer	1993-1998	Research, Teaching			
Delhi University	Sr. Lecturer	1998-2003	Research, Teaching			
Delhi University	Reader	2003-2006	Research, Teaching			
Delhi University	Associate Professor	2006-	Research, Teaching			
Research Interests / Specialization						
Cosmic Rays, Space Physics, X-Ray Astronomy						
Teaching Experience (Subjects/Courses Taught)						
<u>Papers</u> Atomic & Molecular Physics Statistical Mechanics Electronics, E.M. Theory Astronomy & Astrophysics			<u>Labs</u> Electronics (final) Nuclear Physics (Final) Electronics (previous)			
Honors & Awards						
Best Paper award by Nuclear Track society of India, 1991 Best paper award by National Space Science Symposium, 1992						
Publications (LAST FIVE YEARS)						
<u>Books / Monographs</u>						
<u>Year of Publication</u>	<u>Title</u>	<u>Publisher</u>	<u>Co-Author</u>			

<u>In Indexed/ Peer Reviewed Journals</u>			
<u>Year of Publication</u>	<u>Title</u>	<u>Journal</u>	<u>Co-Author</u>
2008	Search for orbital motion of the Pulsar 4U 1626-67: Candidate for a neutron star with a supernova fall-back accretion disk	<i>Journal of Astrophysics and Astronomy</i> , 28, 175	Chetana Jain, Biswajit Paul, Kaustubh Joshi, Harsha Raichur
2008	Pulse Phase Dependence of the Magnetar Bursts	<i>Journal of Astrophysics and Astronomy</i> , 28, 185	Chetana Jain & Biswajit Paul
2008	Orbital evolution measurement of the accreting millisecond X-ray pulsar SAX J1808.4-3658	<i>Journal of Astrophysics and Astronomy</i> , 28, 197	Chetana Jain & Biswajit Paul
2009	Discovery of a short orbital period in the Supergiant Fast X-ray Transient IGR J16479-4514	<i>Monthly Notices of the Royal Astronomical Society (Letters)</i> , 397, L11	Chetana Jain & Biswajit Paul
2009	Orbital and spin period evolution of LMXB 4U 1822-37	<i>Bulletin of Astronomical Society of India</i>	Chetana Jain & Biswajit Paul
2009	Orbital X-ray modulation study of three supergiant HMXBs	<i>Research in Astronomy Astrophysics</i> , 9, 1303, IOP	Chetana Jain & Biswajit Paul
2010	Spectral and temporal changes associated with flux enhancement in 4U 1626-67	<i>Monthly Notices of the Royal Astronomical Society</i> , 403, 920	Chetana Jain & Biswajit Paul
2011	New measurement of orbital and spin period evolution of the accretion disc corona source 4U 1822-37	<i>Monthly Notices of the Royal Astronomical Society</i> , 409, 755	Chetana Jain & Biswajit Paul
2014	Astrophysical Signatures of Scalar-Photon Interaction.	<i>European Academic Research, Vol-II, Issue 9</i> , 12451-12483	M.K.Jaiswal, A.K.Ganguli, S.Mondal & S.Awasthi

<u>Conference Presentations</u>
<p>1. Pulse profile stability of the crab pulsar</p> <p><i>Anjan Dutta, Biswajit Paul & Chetana Jain,</i></p> <p>37th COSPAR Scientific Assembly. Held 13-20 July 2008, in Montréal, Canada., p.772</p> <p>2. Strong CP problem and axion phenomenology</p> <p><i>Awasthi, Sikha; Ganguly, A.K.; Jaiswal, M.K. and Dutta, A.</i></p> <p>Dec 2013; p. 834-835; 58. DAE-BRNS symposium on nuclear physics; Mumbai (India); 2-6 Dec 2013</p>
Total Publication Profile optional
<u>Books</u>
1
<u>In Indexed/ Peer Reviewed Journals</u>
37
<u>Articles</u>
<u>Conference Presentations</u>
30
<u>Public Service / University Service / Consulting Activity</u>
<p>Member Faculty of Science</p> <p>Conducting Entrance Exam.</p> <p>Conducting M.Sc, Exam</p> <p>Secrecy, Tabulation, Result of M.Sc. Exam</p> <p>Member of various other committee of the Department</p>
<u>Professional Societies Memberships</u>
<p>Associateship IUCAA</p> <p>Associateship COSPAR</p> <p>Life member Nuclear Track Society of India</p>
<u>Projects (Major Grants / Collaborations)</u>
<u>Other Details</u>