



Faculty Details Proforma



Title	Binay	First Name	Kumar	Last Name	Sharma	Photograph
Designation	Assistant Professor					
Address	Department of Mathematics Shaheed Bhagat Singh College Sheikh Sarai Phase-II University of Delhi- 110017					
Date of Birth	10-01-1977					
Phone No Office	9868639095					
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Email	binay.sharma@sbs.du.ac.in					
Web-Page	NA					
Educational Qualifications						
Degree	Institution				Year	
Matric	B S E B Patna				1992	
ISc	B I E C Patna				1994	
BSc(H) Mathematics	T N B College Bhagalpur , T M B U Bhagalpur				1997	
MSc(Mathematics)	P G Department of Mathematics T M BU Bhagalpur				1999	
Ph.D	Jamia Millia Islamia Delhi				2009	
Career Profile						
1. Working as an Assistant Prof in the department of Mathematics Shaheed Bhagat Singh College University of Delhi Since 11, Jan 2011.						
Areas of Interest / Specialization						
Celestial Mechanics, Non Linear Dynamics.						
Papers Taught						

Algebra, Analysis, Metric Space, Complex Analysis (With Practical), Numerical Analysis, Discrete Mathematics.

Research Guidance

PhD scholars		
Under Supervision	Submitted	Awarded
1. Joint (Supervision)	NA	01(2021)
2. Single (Supervision)	NA	01, (2022)
3. Single (Supervision)	NA	03 (Persuing)
M.Phil Scholars		
Under Supervision	Submitted	Awarded
NA		
M.A. Dissertations		
Under Supervision	Awarded	
NA		

Publications Profile

Books							
Title	ISBN/Publisher/Link	Indexed etc if any	Scopus	Year			
Latex and HTML	978-81-928184-6-7	NA		2016			
Research Publications							
Article Name	Publication Type (UGC Care/ Scopus/ Web of science)	Journal Name	ISSN No	Volume	Year	URL	DOI

	etc)						
Resonance in the Motion of Two Triaxial Rigid Bodies	UGC Care	Al - Falah's Journal of Science and Technology	Print ISSN 0975 - 9638 Online ISSN- 2455 - 7110,	1(3)	2009	https://www.indianjournals.com/ijor.aspx?target=ijor:gst&type=home	
Investigation of Resonance due to Gravitational Attraction of Two Axis Symmetric Rigid Bodies	UGC Care	Al - Falah's Journal of Science and Technology	Print ISSN0975-9638 OnlineISSN-2455-7110,	2(2)	2010	https://www.indianjournals.com/ijor.aspx?target=ijor:gst&type=home	
Effect of Resonance on the Motion of Two Cylindrical Rigid Bodies	UGC Care	International Journal of Astronomy and Astrophysics	2161 - 4717, 2161 - 4725	6(4)	2016	https://www.scirp.org/journal/journalarticles.a	http://dx.doi.org/10.4236/ijaa.2016.64040

						spx?journalid=490	
Sitnikov Four Body Problem With Oblate Primaries And Fourth Mass is Finite	UGC Care, Scopus	Non-linear Dynamics and Systems Theory	1562 - 8353, 1813 - 7385	Accepted	2024	https://e - ndst.kiev.ua/	
The Effects of Stokes drag on the Resonant Motion of a Geocentric Satellite	UGC Care, Scopus	Few-Body Syst	0177 7963, 1432 5411	63	2022	https://www.springer.com/journal/601	https://ui.adsabs.harvard.edu/link_gateway/2022FBS....63...76H/doi:10.1007/s00601-022-01772-y
Sitnikov five – body problem with combined effects of radiation pressure and oblateness	UGC Care, Scopus	New Astronomy	ISSN - 1384 - 1076 (Online)13841092	87	2021	https://www.scienceDirect.com/journal/new-astronomy	http://dx.doi.org/10.1016/j.newast.2021.101574

Novel fractional-order chaotic systems of different order and multisingchronization	UGC Care, Scopus	Pramana – J Phys	09737111	94	2020	https://www.springer.com/journal/12043	http://dx.doi.org/10.1007/s12043-020-01952-7
Reduced Order Multisingchronization between two Hyper Chaotic Systems of Different Order	UGC Care, Scopus	Non-linear Dynamics and Systems Theory	1562 - 8353 (Print), 1813-7385 (Online)	20(5)	2020	https://eindst.kiev.ua/	
Stability of dynamical behavior of a new hyperchaotic system in certain range and its hybrid	UGC Care, Scopus	International Journal of Dynamics and Control	2195268X, 21952698	7	2019	https://www.springer.com/journal/40435	https://link.springer.com/article/10.1007%2Fs40435-018-0424-0

projective synchronization behavior							
Resonance in the Motion of A Geocentric Satellite due to Pointing-Robertson Drag and Oblateness of the Earth	UGC Care, Scopus	Non-linear Dynamics and Systems Theory	1562 - 8353	19,4	2019	https://e-ndst.kiev.ua/	
Resonance in the motion of a Geocentric Satellite due to Pointing-Robertson drag	UGC Care	Application and Applied Mathematics An International Journal	ISSN 1932 - 9466	13,1	2018	https://www.pvamu.edu/aam/	
Resonance in the Motion of A Geocentric Satellite due to Pointing-Robertson Drag and Equatorial Ellipticity of the Earth	UGC Care	Application and Applied Mathematics An International Journal	1932 - 9466	14,1	2019	https://www.pvamu.edu/aam/	
Publications other than journal articles							

Title of Publication	Type of Publication	Publisher	Role in Publication	ISBN Number	Year	URL	Level
PARAMETRIC EQUATIONS AND THEIR REPRESENTATIONS	E-Content	ILLU, UNIVERSITY OF DELHI	Joint	NA	2013	https://illl.du.ac.in	UG
SETS AND THEIR PROPERTIES	E-Content	ILLU, UNIVERSITY OF DELHI	Joint	NA	2013	https://illl.du.ac.in	UG
CONCAVITY, POINTS OF INFLEXION CURVE TRACING	E-Content	ILLU, UNIVERSITY OF DELHI	Joint	NA	2016	https://illl.du.ac.in	UG
POLYNOMIALS	E-Content	ILLU, UNIVERSITY OF DELHI	Joint	NA	2016	https://illl.du.ac.in	UG

Conference/ workshop Organized

National Workshop on Latex and HTML.

Awards and Distinctions

NA

Association with Professional Bodies

Life Member of CFRSC Delhi.

Other Activities

NA