

MAHARAJA AGRASEN COLLEGE University of Delhi VASUNDHARA ENCLAVE, DELHI-110096



Curriculum Vitae of Faculty Members

First Name	Sushil	Sushil Last Na		Yadav	
Designation	Assistant Professor	Departn	nent	Mathematics	
Date of Birth	05-10-1973	Date of Joining		22-11-2002	
Residential Address (Optional)					
Contact No	9015650765	Alternate Contact No			
Email Id:	syadav@mac.du.ac.in				
Education					
Subject	Institution	Year	E	Details	
Ph.D	University of Delhi, Delhi	2015	Applied Mathematics		
M.Phil	University of Delhi, Delhi	1997	Applied Mathematics		
Masters	University of Delhi, Delhi	1994	M.A. N	<i>lathematics</i>	
Graduation	University of Delhi, Delhi	1991 B.A.(Hons.) Mathemat		cs	
Any other					
Career Profile (in	n reverse chronological order)				
Organization/	Post Held	Department	Adhoc/Temp/	From	То
Institution			Permanent		
Maharaja	Assistant Professor	Mathematics		22-11-	
Agrasen			Permanent	2002	
College,				(onwards)	
University of					
Delhi					

A.R.S.D.	Lecturer	N	Iathematics	Adhoc	29-08-	22-
College,					2000	11-
•					2000	
University of						2002
Delhi						
 Supervis Supervis Supervis 	ion of awarded Docto ion of Doctoral Thesi ion of awarded M.Ph ion of M.Phill dissert	is, under progr iill dissertation tations, under p	s progress	(no.) N.A (no.) 03 (no.) N.A (no.) N.A s Reviews Cl		Books
1. Supervis 2. Supervis 3. Supervis 4. Supervis Details of Pul	ion of awarded Docto ion of Doctoral Thesi ion of awarded M.Ph	is, under progr iill dissertation tations, under p apers, Books,	s progress	(no.) 03 (no.) N.A (no.) N.A		Books,
1. Supervis 2. Supervis 3. Supervis 4. Supervis Details of Pul	ion of awarded Docto ion of Doctoral Thesi ion of awarded M.Ph ion of M.Phill dissert blished Research Pa d Creative Positons h	is, under progr hill dissertation tations, under p apers, Books, held	s orogress Monograph	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl	hapter in	
1. Supervis 2. Supervis 3. Supervis 4. Supervis Details of Pul Translations an	ion of awarded Docto ion of Doctoral Thesi ion of awarded M.Ph ion of M.Phill dissert olished Research Pa	is, under progr iill dissertation tations, under p apers, Books,	s progress	(no.) 03 (no.) N.A (no.) N.A		or /
 Supervis Supervis Supervis Supervis Supervis Details of Pul Translations an Year of 	ion of awarded Docto ion of Doctoral Thesi ion of awarded M.Ph ion of M.Phill dissert blished Research Pa d Creative Positons h	is, under progr hill dissertation tations, under p apers, Books, held	s progress Monograph Paper /	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl	hapter in Autho	or /
 Supervis Supervis Supervis Supervis Supervis Details of Pul Translations an Year of 	ion of awarded Docto ion of Doctoral Thesi ion of awarded M.Ph ion of M.Phill dissert olished Research Pa d Creative Positons h Title Resonance in a	is, under progr nill dissertation tations, under p apers, Books, neld ISBN No ISSN 0004–	s Monograph Paper / Book / Article Research	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl Publisher Astrophysics	hapter in Autho	or / thor
 Supervis Supervis Supervis Supervis Supervis Details of Pull Translations an Year of Publication 	ion of awarded Docto ion of Doctoral Thesi ion of awarded M.Ph ion of M.Phill dissert blished Research Pa d Creative Positons h Title Resonance in a geo-centric	is, under progr hill dissertation tations, under p apers, Books, held ISBN No	s morogress Monograph Paper / Book / Article	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl Publisher Astrophysics and Space	hapter in Autho Co-Au	or / thor
 Supervis Supervis Supervis Supervis Supervis Details of Pull Translations an Year of Publication 	ion of awarded Docto ion of Doctoral Thesi ion of awarded M.Ph ion of M.Phill dissert blished Research Pa d Creative Positons H Title Resonance in a geo-centric satellite due to	is, under progr nill dissertation tations, under p apers, Books, neld ISBN No ISSN 0004–	s Monograph Paper / Book / Article Research	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl Publisher Astrophysics and Space Science,	hapter in Autho Co-Au	or / thor
 Supervis Supervis Supervis Supervis Supervis Details of Pull Translations an Year of Publication 	ion of awarded Docto ion of Doctoral Thesi ion of awarded M.Ph ion of M.Phill dissert olished Research Pa d Creative Positons h Title Resonance in a geo-centric satellite due to earth's equatorial	is, under progr nill dissertation tations, under p apers, Books, neld ISBN No ISSN 0004–	s Monograph Paper / Book / Article Research	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl Publisher Astrophysics and Space Science, Springer,	hapter in Autho Co-Au	or / thor
 Supervis Supervis Supervis Supervis Supervis Details of Pull Translations an Year of Publication 2013 	ion of awarded Docto ion of Doctoral Thesi ion of awarded M.Ph ion of M.Phill dissert blished Research Pa d Creative Positons H Title Resonance in a geo-centric satellite due to earth's equatorial ellipticity	is, under progr nill dissertation tations, under p apers, Books, neld ISBN No ISSN 0004– 640X	s Monograph Paper / Book / Article Research Paper	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl Publisher Astrophysics and Space Science, Springer, SCI, Scopus	hapter in Autho Co-Au First Au	or / thor ithor
 Supervis Supervis Supervis Supervis Supervis Details of Pull Translations an Year of Publication 	ion of awarded Docto ion of Doctoral Thesi ion of awarded M.Ph ion of M.Phill dissert olished Research Pa d Creative Positons h Title Resonance in a geo-centric satellite due to earth's equatorial ellipticity Resonance in the	is, under progr nill dissertation tations, under p apers, Books, neld ISBN No ISSN 0004– 640X	s Drogress Monograph Paper / Book / Article Research Paper Paper	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl Publisher Astrophysics and Space Science, Springer, SCI, Scopus Astrophysics	hapter in Autho Co-Au	or / thor ithor
 Supervis Supervis Supervis Supervis Supervis Details of Pull Translations an Year of Publication 2013 	ion of awarded Docto ion of Doctoral Thesi ion of Awarded M.Ph ion of M.Phill dissert blished Research Pa d Creative Positons H Title Resonance in a geo-centric satellite due to earth's equatorial ellipticity Resonance in the earth-moon	is, under progr nill dissertation tations, under p apers, Books, neld ISBN No ISSN 0004– 640X	s Monograph Paper / Book / Article Research Paper	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl Publisher Astrophysics and Space Science, Springer, SCI, Scopus Astrophysics and Space	hapter in Autho Co-Au First Au	or / thor ithor
 Supervis Supervis Supervis Supervis Supervis Details of Pull Translations an Year of Publication 2013 	ion of awarded Docto ion of Doctoral Thesi ion of Awarded M.Ph ion of M.Phill dissert olished Research Pa d Creative Positons h Title Resonance in a geo-centric satellite due to earth's equatorial ellipticity Resonance in the earth-moon system around the	is, under progr nill dissertation tations, under p apers, Books, neld ISBN No ISSN 0004– 640X	s Drogress Monograph Paper / Book / Article Research Paper Paper	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl Publisher Astrophysics and Space Science, Springer, SCI, Scopus Astrophysics and Space Science,	hapter in Autho Co-Au First Au	or / thor ithor
 Supervis Supervis Supervis Supervis Supervis Details of Pull Translations an Year of Publication 2013 	ion of awarded Docto ion of Doctoral Thesi ion of Awarded M.Ph ion of M.Phill dissert olished Research Pa d Creative Positons P d Creative P d Creative Positons P d Creative Po	is, under progr nill dissertation tations, under p apers, Books, neld ISBN No ISSN 0004– 640X	s Drogress Monograph Paper / Book / Article Research Paper Paper	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl Publisher Astrophysics and Space Science, Springer, SCI, Scopus Astrophysics and Space Science, Springer,	hapter in Autho Co-Au First Au	or / thor ithor
 Supervis Supervis Supervis Supervis Supervis Details of Pull Translations an Year of Publication 2013 	ion of awarded Docto ion of Doctoral Thesi ion of Awarded M.Ph ion of M.Phill dissert olished Research Pa d Creative Positons h Title Resonance in a geo-centric satellite due to earth's equatorial ellipticity Resonance in the earth-moon system around the	is, under progr nill dissertation tations, under p apers, Books, neld ISBN No ISSN 0004– 640X	s Drogress Monograph Paper / Book / Article Research Paper Paper	(no.) 03 (no.) N.A (no.) N.A s, Reviews, Cl Publisher Astrophysics and Space Science, Springer, SCI, Scopus Astrophysics and Space Science,	hapter in Autho Co-Au First Au	or / thor ithor

2013	Resonance in a	ISSN 0004-	Research	Astrophysics	Co-Author
2013	geo-centric	135N 0004- 640X	Paper	and Space	Co-Autiloi
	e	040A	raper	-	
	synchronous satellite under the			Science,	
				Springer,	
	gravitational			SCI, Scopus	
	forces of the sun,				
	the, moon and the				
	earth including				
	earth's equatorial				
	ellipticity				
2014	Perturbations of a	ISSN 0004-	Research	Astrophysics	First Author
	geo-centric	640X	Paper	and Space	
	synchronous			Science,	
	satellite with			Springer,	
	resonance,			SCI, Scopus	
2016	Resonance in the	. ISSN.	Research	International	First Author
	perturbations of a	2312-7414.	Paper	Journal of	
	synchronous			Advanced	
	satellite due to			Astronomy,	
	angular rate of the			Science	
	earth-moon			Publication	
	system around the			Corporation	
	sun and the			1	
	earth's rotation				
	rate				
2016	Perturbed Robe's	ISSN	Research	Journal of	Co-Author
	restricted problem	(online)	Paper	Dynamical	
	of 2+2 bodies	2169-0057	1	Systems and	
	when the			Geometric	
	primaries form a			Theories,	
	Roche ellipsoid			TARU	
	triaxial system			Publication	
2018	Robe's restricted	ISSN	Research	Journal of	Co-Author
2010	problem of 2+2	(online)	Paper	Astronaut	Co / futil01
	bodies with a	2195–0571	1 upor	Science,	
	Roche ellipsoid-	2175-0571		Springer	
	triaxial system			Springer	
2019	Resonance in the	ISSN	Research	Applications	Co-Author
2017	motion of a Geo-	(online)	Paper	and Applied	Co-Autiloi
	Centric Satellite	(onnne) 1932–9466	raper	Mathematics	
		1752-7400			
	due to Poynting			(AAM): An	
	Robertson Drag			International	
	and Equatorial			Journal	
	Ellipticity of the				
	Earth				

2019	Existence and	ISSN	Research	Non-linear	First Author
2017	Stability of	(online)1813-	Paper	Dynamics	Thist Author
		(011111c)1813- 7385	Гарсі	5	
	Equilibrium Points in the	/303		and Systems	
				Theory. An	
	Problem of a			International	
	Geo-Synchronous			Journal of	
	Satellite including			Research	
	Earth's Equatorial			and Surveys	
	Ellipticity			InforMath	
				Publishing	
				Group	
2019	Resonance in the	ISSN	Research	Non-linear	Co-Author
	motion of a Geo-	(online)1813-	Paper	Dynamics	
	Centric Satellite	7385		and Systems	
	due to Poynting			Theory. An	
	Robertson Drag			International	
	and Oblateness of			Journal of	
	the Earth			Research	
				and Surveys	
				InforMath	
				Publishing	
				Group	
2019	Thermo-solute	ISSN 1290-	Research	International	Co-Author
	natural	0729	Paper	Journal of	
	convection with		-	Thermal	
	heat and mass			Sciences,	
	lines in a			Elsevier,	
	uniformly heated			SCI (E)	
	and soluted			Scopus	
	rectangular			1	
	enclosure for low				
	Prandtl number				
2020	fluids	ICCN 0004	D 1	A	
2020	The	ISSN 0004-	Research	Astrophysics	Co-Author
	unpredictability	640X	Paper	and Space	
	of the basins of			Science,	
	attraction in			Springer,	
	photogravitational			SCI, Scopus	
	Chermnykh's				
	problem				
Participation in summer institute		nars, workshoj	ps, refresher	s, orientation	courses attended,
State/National	Title	. 1	Oraar	nization	Period
International		,	Organ	nzanon	renou
memanonai	1				1

State	Refresher Course	Jamia Millia Islamia, New	Three Week
	Mathematics	Delhi	July 10-30, 2007
State	Refresher Course Mathematics and Operational Research	CPDHE, Delhi University	Three Week December 13, 2010-January 4, 2011
National	Presented Research Paper in National Seminar for Research Scholar	Department of Mathematics, University of Delhi, Delhi	Sep. 20-21, 2013
National	Presented Research Paper in National Conference on "Advances in Applied Mathematics and Statistics"	Mata Sundri college for Women, University of Delhi, Delhi	Sep. 7-8, 2017
International	Presented Research Paper in International conference on "Physics, Society and Technology-2019"	Deshbandhu College, University of Delhi, Delhi	Jan. 17-19, 2019
National	Presented Research Paper in National Seminar	Commission for Scientific and Technical Terminology Department of Higher Education, MHRD	Jan. 27-29, 2020
State	Workshop on Moocs, e-Content Development and Open Educational Resources (OER)	UGC- HRDC, JNU, Delhi	One Week March 18-23, 2019
State	Teacher Enrichment Workshop on Algebra and it's Applications	National Centre for Mathematics	One Week May 6-11, 2019
State	Online Short-Term Course on "Essential Tools in Optimization"	Department of Mathematics, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar (An Institute of National Importance- Under MHRD, Govt. of India	One Week June 25-29, 2020
International	Presented Research Paper in International Conference (Online) on "Recent Trends in Mathematics and its application to Graphs, Networks and Petri- Nets"	School of Computational and Integrative Sciences, JNU and Vijnana Parishad of India (Society for Application of Mathematics)	One Week July 20-24, 2020

Research Projects (Major Grants/Research Collaboration): N.A.					
Project Investigator	Awards an	d Distinctions	Assoc	iation with Professional Bodies	
Public Service	/University Service	/Consulting Act	tivity: N.A.		
Destantional S		•			
	ocieties Membersh anujan Mathematical				
	rnational Astronomica		nior membership)		
Projects /Colla	borations: N.A.				
Title of the	Major/Minor	Funding	Status	Level	
Project		Agency		(International, National, State, University, College)	

I certify that the information given above is correct and factual to the best of my knowledge.

Date: August 26, 2020

Signature: Dr. Sushil Yadav