STANDARD TEMPLATE OF FACULTY PROFILE FOR UPLOADING OF UNIVERSITY WEBSITE

Title	Dr.	First Name	Ram Shankar	Last Name	Gupta	
Designation		Assistant Professor				
School /Dept. Name		School of Basic and Applied Sciences				
Address:		BFR-502, School of Basic and Applied Sciences, Guru Gobind Singh Indraprastha University, Sector-16C, Dwarka, Delhi-110078				

Phone No.	Office	01125302401
	Residence	(optional)
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Email	1. rsgupta@ipu.ac.in	2. ramshankar.gupta@gmail.com
Web Page (if any)		
Subjects Taught	Linear Algebra, Analysis, Vector Calculus, Topology, Differential Equations, Differential Geometry	
Areas of Interest/Specialization	Differential Geometry: Lightlike submanifolds, Biharmonic submanifolds, Null 2-type submanifolds, Biconservative submanifolds, slant submanifolds, Ricci Soliton, Geometric modelling	

Experience (in years)	Total	19
	Industry	
	Teaching	19
	Research	19

Educational Qualifications	UG	B. Sc.
	PG	M. Sc.
	Doctorate	Ph.D.
	Any other	

Research Publications in Journals	1. **Ram Shankar Gupta,** "Hypersurfaces in Pseudo-Euclidean Space with Condition ΔH=λH," *Bull. Malays. Math. Sci. Soc.*, Vol. 44, no. 5, pp. 3019-3042, 2021.

(last 5 years)	
	(**I.F. 1.554**).
	2. **Ram Shankar Gupta,** "Screen Generic Lightlike Submanifolds of Indefinite Sasakian Manifolds," *Mediterranean Journal of Mathematics*, Vol.17, no. 5, pp. 1-23, 2020.**(I.F. 1.418**)
	3. **Ram Shankar Gupta**, Deepika, A. Sharfuddin, "Lorentz Hypersurfaces in Pseudo-Euclidean Space E_1^5," *Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci.,* Vol. 90, no. 1, pp. 123-133, 2020. **(I.F. 1.544)**
	4. **Ram Shankar Gupta**, A. Sharfuddin, "Biconservative Lorentz hypersurfaces in E_1^{n+1} with complex eigenvalues," *Revista de la Unión Matemática, Argentina*, Vol. 60, no. 2, pp. 595-610, 2019. **(I.F .522)**
	5. **Ram Shankar Gupta**, A. Sharfuddin, "Biharmonic Hypersurfaces in 5-dimensional non-flat space form," *Advances in Geometry*, Vol. 19, no. 2, pp. 235-250, 2019. **(I.F .736)**
	6. **Ram Shankar Gupta**, "Biconservative Hypersurfaces in Euclidean 5-Space," *Bulletin of the Iranian Mathematical Society*, Vol. 45, no. 4, pp. 1117-1133, 2019.**(I.F .644)**
	7. **Ram Shankar Gupta**, Abhitosh Upadhyay and A. Sharfuddin, "Screen conformal Lightlike hypersurfaces of indefinite cosymplectic manifolds," *Georgian Math. J.*, Vol. 24, no. 4, pp. 609-620, 2017.**(I.F .500)**
	8. **Ram Shankar Gupta**, "On biharmonic hypersurfaces in 6-dimensional space forms," *Afrika Matematika*, Vol. 30, no. 7-8, pp. 1205-1221, 2019.
	9. **Ram Shankar Gupta**, Deepika, A. Sharfuddin, "Null 2-type Hypersurfaces in E^5 with all distinct principal curvatures," *An. St. Univ. Al.I. Cuza, Tomul LXIII*, f(3), pp. 607-626, 2017.
	10. Deepika, Andreas Arvanitoyeorgos, **Ram Shankar Gupta,** "Lorentz hypersurfaces satisfying $\Delta \vec{H} = \alpha \vec{H}$ with non-diagonal shape operator," *Sao Paulo J. Math. Sci.*, Vol. 11, no. 1, pp. 200-214, 2017.
	11. Deepika, **Ram Shankar Gupta,** "On Biharmonic Lorentz Hypersurfaces with Non-Diagonal Shape Operator," *International Electronic Journal of Geometry*, Vol. 10, no. 1, pp. 96-111, 2017.
	12. Savita Rani, **Ram Shankar Gupta,** "Quasi-*Einstein metric on Kenmotsu manifolds," *Journal of International Academy of Physical Sciences,* Vol. 25, no. 4, pp. 509-516, 2021.
	13. Stuti Tamta, **Ram Shankar Gupta**, "WC* partner curve in E_1^3, *Journal of International Academy of Physical Sciences,* Vol. 25, no. 4, pp. 495-508, 2021.

Papers Published in Conference Proceedings (last 5 years)	1. **Ram Shankar Gupta,** "Hypersurfaces with harmonic mean curvature vector in Euclidean space of arbitrary dimension," *Proceedings of The International Conference **"Differential Geometry, Dynamical Systems"(DGDS-2018),** 30 August - 2 September 2018, Mangalia,* **ROMANIA, BSG proceeding 26, 2019, pp. 33-51,** 2. **Ram Shankar Gupta,** "Geometry of lightlike hypersurfaces of an indefinite cosymplectic manifolds," **International Conference Numerical Analysis and Applied Mathematics (ICNAAM)-2012, Kos, Greece, 19-25 September. AIP Conf. Proc. 1479, 2012, pp.1651-1654.**

Books Authored/Book Volume Chapters			

No. of Conferences	National	Attended	Organized
		2	
	International	9	

Research Guidance	Awarded	PG	M. Phil	Doctorate
		6	2	2
	Undergoing			3

Research Projects	Completed	6
	Undergoing	1

Awards & Distinctions	Achieved the Researcher award Ist position in Sciences for the year 2011 by Honorable V.C., GGSIPU, New Delhi
Administrative Assignments Handled	**Contribution to University Life and Management of the Institution:** 1. Member of School Research Committee (SRC), 2. Member of Board of studies (BOS) member, 3. Coordinator of Mathematics 4. Coordinator of RAT QP 5. Member of Ph.D. Admission Committee 6. Member of U-focus/NAAC/ISO, 7. Minor Exam committee member, Timetable committee member, Students Grievance committee member.

	8. School Library committee member, 9. Sports meet members, Anugunj annual fest member, Srijan science club member of DSW, GGSIPU. 10. Involved as convener of Academic Audit and Joint Assessment Committee of Affiliation branch of GGSIPU. **Examination Duties Assigned and performed** 1. Involved in Question paper setting, Moderation, Invigilation duties, Evaluation of answer scripts, University Representative, Observer for End term Examination, GGSIPU, Dwarka, Delhi. 2. Worked as **Deputy Superintendent** Spot Evaluation center for End term Examination, GGSIPU, Dwarka, Delhi.
Association with Professional Bodies	1. Member of American Mathematical Societies (AMS) 2. Member of Ramanujan Mathematical Societies (RMS Membership no. 595) 3. Member of Tensor Society
Any other Achievements	**1. Reviewer:** *Reviewed articles for more than **20** Internationaljournals of repute:*AMS Mathematical Reviews, Mathematische Nachrichten (Wiely), Results in Mathematics (Springer), Mediterranean Journal of Mathematics (Springer), Proceedings of the National Academy of Sciences, India Section A: Physical Sciences (Springer), Open Mathematics, Mathematica Pannonica, Hacettepe Journal of Mathematics and Statistics, Communications of the Korean Mathematical Society, Tamkang Journal of Mathematics, International Electronic J. Geometry, Novisad Journal Mathematics, Kyungpook Math. J., Bull. Math. Analysis and App. (BMAA), etc. **2. Invited Talk:** Delivered invited talk on "**Chen's Conjecture on Biharmonic Submanifolds and Related Problems**", in International Symposium in honor of great mathematician Srinivasa Ramanujan on National Mathematics Day, 22 December, 2021 Organized by Department of Mathematics and Statistics, Dr. Harisingh Gour Vishwavidyalaya Sagar (M.P.), India. **3. Conference Attended outside India:** 1. Presented paper entitled **"Lightlike submanifolds of an indefinite almost contactmetric manifold"** in *Union College Math Conference* on *Differential Geometry, Geometric Analysis, and Mathematical Physics*, held in College in **Schenectady, NY, United States,** Sept 13-15, 2019. 2. Presented paper entitled "**On classification of biconservative hypersurfaces**" in Geometric Analysis and Control Theory Conference, held in **Novosibirsk,Russia,** 8-12 December, 2016.