BRIEF PROFILE OF THE FACULTY

Department of Mathematics

1. Name : Dr. Padmavati

2. Designation : Professor

3. Educational Qualification : M.Sc., Ph. D.

4. Specialization in P.G. : Hydromechanics and Special Functions

5. Email Address : padmavati.sudha@rediffmail.com

padmavati.sudha62@Gmail.com

6. Teaching Experience : 37 Years

7. Detail of Research (In Brief) : Working in Fourier series, fixed Points, wavelets.

8. Educational Qualification

S.NO.	Qualification	Institute	Year
1	Higher Secondary	B.S.P. Girls Higher Secondary, Bhilai	1979
2	B.Sc.	Govt. Science College Durg	1982
3	M. Sc.	Govt. Science College Durg	1984
4	Ph.D.	Pt. R.S.U. Raipur	1996

9. Work Experience

S.No.	Institute	Year
1	Part time lecturer Govt. Polytechnic Durg	1984-1985
2	Assistant Professor Govt. N.C.J. College Dallirajhara	1986-1987
3	Assistant Professor Govt. V.Y.T. PG. Auto. College Durg	1987-2006
4	Professor Govt. V.Y.T. PG. Auto. College Durg	2006-Till date

10. Ph.D. Guidance

S.NO.	NAME	TOPICS	Year (Awarded/Ongoing)

1	Anil Kumar Tiwari	Stochastic Analysis Of Some Queueing And Reliability Models Of Computer System	20/7/2011
2	Subhas Chandra Srivastava	A Study Of Fixed Point Theorems In Various Spaces With Applications In Fractal Theory	31.07.2012
3	Reshma K. P.	Studies On Certain Aspects Of Fixed Points And Best Proximity Points In Different Topological Spaces And Their Applications	16.03.2016
4	Kavita Sakure	A Study Of Convergence Of Various Iterative Algorithms For Nonlinear Mappings	27.06.2023
5	Rashmi Verma	Approximations on Fixed points for Nonlinear Operators Through Iterative Algorithms with Applications	Ongoing
6	Heeramani Tiwari	Some Fixed point Theorems for Generalized weak Contraction Mappings with Applications	Ongoing
7	Anil Kumar Mishra	Some Fixed Points Results in Cone Metric Spaces over Banach Spaces with Applications	Ongoing

11. **Details of Publication:**

S.No.	Year	Title	Name of Journal/Book	ISSN No./ISBN No.	Volume/Edition
1	1992	1. On the absolute Hausdroff convergence of Fourier series	Vijnana Parishad Anusandhan Patrika		Vol. 35
2	1994	1. An Approximation of mean strong uniform convergence of vector valued Fourier series	Bulletin of Calcutta Mathematical Society	ISSN (Print) 0008-0659	86
3	2011	1. An iterated function system for commuting mapping. 2. Iterated function system in D-metric space.	International Journal of Pure and Applied Mathematics (2011), 975-982. Applied Mathematical Sciences (2011), 1705-1711.	ISSN (Print) :1311-8080 ISSN (Online) : 1314-3395 ISSN (Print) : 1312-885X ISSN (Online) : 1314-7552	70(7) 5(35)
4	2012	1. An iterated function system due to Reich	Bulletin of Calcutta Mathematical Society(2012) 211-218	ISSN (Print) 0008-0659	104(3)
5	2015	1. Fixed point theorems	Journal of	ISSN (Online)	2015:5

			for cyclic contractions in B-metric spaces	Nonlinear Functional Analysis (2015)	: 2052-532X	
6	2020	1.	On Approximation of Fixed Point in Busemann Space via Generalized Picard Normal S-iteration Process.	Malaya Journal of Matematik (2020), 1055- 1062.	ISSN (Print) : 2319 - 3786 ISSN (Online) : 2321 – 5666	8(3)
		2.	Strong and Δ-Convergence Results for Generalized Nonexpansive Mapping in Hyperbolic Space.	Communications in Mathematics and Applications, (2020), 389-401.	ISSN (Print) : 0976-5905 ISSN (Online) : 0975-8607	11(3)
	2021	1.	Fixed Point Approximation of Countably Infinite Family of Nonexpansive Mappings.	South East Asian Journal of Mathematics and Mathematical Sciences, (2021), 361-382.	ISSN (Print) : 0972-7752 ISSN (Online) : 2582-0850 ISSN	17(1)
		2.	Convergence Results for Proximal Point Algorithm in Complete CAT(0) Space for Multivalued Mappings.	Journal of the Indonesian Mathematical Society (2021), 29-47	(Print) : 2086-8952 ISSN (Online) : 2460-0245 ISSN	27(1)
		3.	Internal Picard Normal S – iteration Process	Nonlinear Functional Analysis & Applications, 2021, 995 - 1009	(Print) : 1229-1595 ISSN (Online) : 2466-0973	26(5)
	2022	1.	A Fixed Point Theorem for Generalized (ψ-φ) Weak Contraction Mappings Involving Rational Type Expressions in Partial Metric Spaces.	International Journal of Mathematics and its Applications (2022), 1-8	ISSN (Online) : 2347-1557	10(4)
		2.	Some fixed point theorem in ordered G-cone metric spaces over Banach algebra	International Journal of Mathematics and its Applications (2022), 29-38	ISSN (Online) : 2347-1557	10(4)
	2023	1.	Approximation of fixed point via new iterative process for generalized	Advances in Fixed Point Theory, (2023)	ISSN (Online) : 1927-6303	13:12

		nonexpansive mappings in Banach spaces.			
		2. Berinde-Type Generalized α - β - Contractive Mappings in Partial Metric Spaces and Some Related Fixed Points.	Asian Research Journal of Mathematics (2023) , 69-78	ISSN (Online) : 2456-477X	19(11)
		3. Fixed point of almost generalized (α, ψ, ϕ, ϑ)-contractive type mappings in weak partial metric spaces	Malaya Journal of Matematik (2023), 241–253.	ISSN (Online) : 2321 – 5666	11(S)2023
		4. Some results on almost generalized (α, β, ψ, ϕ) – Geraghty type contractive mappings in partial metric spaces.	Annals of Mathematics and Computer Science (2023), 84-96	ISSN (Online) : 2789-7206	13(2023)
		5. Some fixed point theorems on almost generalized α- β- ψ- ϕ- ϑ) contractive mappings in partial metric spaces.	Annals of Mathematics and Computer Science (2023), 10-22	ISSN (Online) : 2789-7206	12(2023)
		6. Some Fixed Point Results on Boyd-Wong Type Generalized (α, ψ, F)-Geraghty Contraction Mappings in Partial Metric Spaces with Application	Journal of Advances in Mathematics and Computer Science (2023), 181-193	ISSN (Online) : 2456-9968	38(9)

12. Seminar/Symposia/Workshops attended during the last five years :

Year	Topic of workshop/Seminar/Symposia/Conference	Date
2016	1. National Mathematics Day Celebration, Organized by Govt. V.Y.T. PG. Auto. College, Durg (C.G.)	22/12/2016

		2. International Womens Day Celebration	8/3/2016
2017		1. National Mathematics Day Celebration, Organized by Govt. V.Y.T. PG. Auto. College, Durg (C.G.)	22/12/2017
		2. International Womens Day Celebration	8/3/2017
2018		1. Stare Level Workshop on National Mathematics Day Celebration, Organized by CCost, Raipur	21-22/12/2018
		2. International Womens Day Celebration	8/3/2018
2019		1. National Mathematics Day Celebration, Organized by Govt. V.Y.T. PG. Auto. College, Durg (C.G.)	23/12/2019
		2. International Womens Day Celebration	8/3/2019
2020		1. Online FDP ON Teaching Mathematics Effectively in Online Mode : Various ICT Tools & Software, Organized by Tech Edu Teacher, VIT Vellore .National Seminar on EHMTSD(URJA-2015)	Aug. 9,2020
		2. National Webinar on COVID – 19 and its Impact on Indian Economy organized by Department of Economics, Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)	June 4, 2020
		3. National Mathematics Day Celebration, Organized by Govt. V.Y.T. PG. College, Durg (C.G.) in Collaboration with Govt. Madhav Science College, Ujjain (M. P.) and Institute of Excellence in Higher Education, Bhopal (M.P.) on.	Dec. 29, 2020
		4. National Webinar on Prospects & Challenges for Future NAAC Accreditations in Colleges, organized by IQAC, Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)	June 14, 2020
2021		1. National Mathematics Day Celebration, Organized by Govt. V.Y.T. PG. College, Durg (C.G.) in Collaboration with Govt. Madhav Science College, Ujjain (M. P.) and Institute of Excellence in Higher Education, Bhopal (M.P.) .	Dec. 29, 2021

13. Other Responsibilities:

Work Allocated	In charge / Member of various Committees / External Responsibilities
College Administration	Deputy Controller Autonomous Examination Cell, Convener – Placement Cell, IQAC Cell, Admission Committee, College Website Committee, TA/ DA Payment of Resource person and Students Committee in Young Scientist Congress C. G., Value Added Course and Certificate Course, Member – UGC Cell, Internal Audit, API Scrutiny Committee, Board of Studies, NAAC (Preparation of SSR Committee, Criteria 4), Discipline

	Committee, Session Committee in INSPIRE Program, DRC Committee, Incharge – Departmental Library, Asstt. Superintendent annual exam (Autonomous).
University Administration	Chairperson - Board of Studies, Convener - Inspection Committee, Grievance Committee (Examination), Member – Central Board of Studies (C. G.), V. C. Nominee - Examination Committee, Academic Council, Result Committee, Board of Studies Autonomous College, Rajnandgaon, Board of Studies, Kalyan PG. College, Subject Expert – Interview Committee (Section 28), Exam Work- Paper Setting, Evaluation, viva-voce,
CG PSC VYAPAM	Confidential Work Assistance Coordinator, Observer, Superintendent, Assistant Superintendent in various VYAPAM Examinations.
State Level	Member of State Level SSR
Reviewer	**American Mathematical Society**