

Curriculum- Vitae

Dr GOPI PRASAD

Mob : +91-9675443528

Email : gopiprasad127@gmail.com



Educational Qualifications :

- **Ph.D.** from department of Mathematics, H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand, India (Date of Joining : 25-03-2014, degree awarded : 27-11-2018).
- **Title of the thesis :** Study of some fixed point results for single-valued and multivalued mappings with applications.
- **Discipline :** Mathematics, **Specialization :** Nonlinear Analysis, Fixed Point Theory.
- Post Graduation (**M.Sc.**) in Mathematics from H.N.B. Garhwal University, Srinagar Garhwal, with **71.20 %** in 2011.
- Graduation (**B.Sc.**) in Mathematics, Physics, Geology from H.N.B. Garhwal University, Srinagar Garhwal, Uttarakhand, with **70.40 %** in 2009.

Eligibility Details (NET/SET) :

- Qualified the **Joint CSIR-UGC NET June 2022** eligibility test for assistant professor on the date **28-10-2022** in Mathematical Sciences with rank 119 (Roll No. : UK0102240222, Certificate No. : JUN22C05935).
- Qualified **U-SET** eligibility test for assistant professor on the date **12-01-2018** in Mathematical Sciences (Roll No. : 82160780, Certificate No. : KU/U-SET/2017/16-25).

Editorial Services :

- Editor of the journal : **Journal of Function Spaces** (2025-26). Indexed in SCI, WoS Publisher : Wiley Ltd.
- Editor of the journal : **Journal of Applied Mathematics** (2025-26). Indexed in WoS, Publisher : Wiley Ltd.
- Editor of the journal : **Journal of the Korean Society of Mathematical Education Series B: The Pure and Applied Mathematics** (2023-24) Indexed in Web of Science, Mathematical Reviews, Zentralblatt für Mathematik).
- Reviewer of the journals : American Mathematical Society (**SCI**), Journal of Inequalities and Applications (**SCI**, Publisher : Springer), Journal of Function Spaces (**SCI**, Publisher : Wiley), The Journal of Analysis (**ESCI**, Publisher : Springer).

Teaching Experience :

- Assistant Professor in the department of Mathematics, **Government Degree College Rudraprayag, Uttarakhand** from **25-07-2024** to till date.
- Guest faculty in the department of Mathematics, **Dr Shivanand Nautiyal Govt. P.G. College, Karanprayag, Chamoli** from 07-05-2022 to 24-07-2024.
- Guest faculty in the department of Mathematics, **H.N.B. Garhwal University, Srinagar Garhwal** from 27-02-2018 to 06-05-2022.

Teaching Interest /Course Taught :

- **At under graduate level** : Differential Calculus, Integral Calculus, Trigonometry, Real Analysis, Linear Algebra, Linear Programming, Numerical Analysis.
- **At post graduate level** : Abstract Algebra, Metric Spaces, Topology, Measure & Integration, Functional Analysis, Differential Geometry, Calculus of Variations.

Academic Awards/Honors :

- **Best paper presentation award** in the **National Conference on Promoting the Advancement of Applied Sciences** at Department of Mathematics H.N.B. Garhwal University, SRT Campus Tehri, during Oct. 22-23, 2019.

Professional Development Programmes Attended:

- UGC Sponsored **12th Faculty Induction Programme (FIP)** organized by Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur held from 15-07-2026 to 11-08-2026.
- **Faculty Orientation Program (FOP) for Employability Skills**, organized by Government P.G. College Gopeshwar, Sponsoring Institution Wadhwani Foundation, from 13-11-2025 to 15-11-2025.
- **Advanced Refresher Course (Mathematics)** conducted at the Indian Institute of Science, Challakere Campus at Khudapura from August 15- August 30, 2025.
- **International Workshop on Nonlinear Analysis & its Applications (IWNAA 2023)** organized by Faculty Development Centre Sridev Suman Uttarakhand University, Badshahithaul (Tehri Garhwal), India on December 14-16, 2023.
- Faculty development programme on **Implementation of NEP2020 for University and College Teachers** organized by Indira Gandhi National Open University, New Delhi-110068 from 27-10-2022 to 05-11-2022.

Book Chapter (01) :

2025

1. **Prasad, G.,** Srivastav, R.K., Deshwal, S. (2025) : Coincidence Points of Mappings on Relational Metric Spaces with Applications. **Banach Contraction Principle : A Centurial Journey**, Springer, Singapore. https://doi.org/10.1007/978-981-96-4847-4_2

Research Publications (33):

2026

1. **Prasad G** : *Coincidence points of mappings on relational metric spaces with applications*, **J. Korean Soc. Math. Educ. Ser. B : Theoretical Math. Pedagogical Math.** 33(3), 2026, 249-266. (WoS) <https://doi.org/10.7468/jksmeb.2026.33.3.249>
2. Srivastav R K, Deshwal S, **Prasad G**, et al.: *Flow in Catheterized Tube Induced by Peristaltic Waves: A Theoretical Study*, **Cureus Journal Of Engineering** 2026, 1-20 <https://doi.org/10.7759/s44388-025-00065-4>
3. **Prasad, G.**, Deshwal, S. & Kundu S. : *Generalizations of modified gamma operators via bivariate and GBS approaches*, **J. Korean Soc. Math. Educ. Ser. B : Theoretical Math. Pedagogical Math.** 33(1), 2026, 89-98. (WoS) <https://doi.org/10.7468/jksmeb.2026.33.1.89>
4. **Prasad, G.** : *Fixed Points of Suzuki Contractive Mappings in Modular b-Metric Spaces With an Application*, **Journal of Applied Mathematics** 2026 (2026), Article ID 4775559, 13 pages. (SCI) <https://doi.org/10.1155/jama/4775559>

2025

5. **Prasad, G.**, Kukreti, S., Dimri, R.C. : *Best proximity point results via generalized contractions*, **Theoretical Mathematics and Pedagogical Mathematics** 32 (3), 2025, 217-227. (WoS) <https://doi.org/10.7468/jksmeb.2025.32.3.217>
6. **Prasad G.** : *Relational contraction principle for mappings on Menger PM spaces with applications*, **Fixed Point Theory** 26(1), 2025, 261-274. (SCI) <https://doi.org/10.24193/fpt-ro.2025.1.17>

2024

7. Kukreti, S., **Prasad G.**, Dimri, R.C. : *Fixed point results on graphical partial metric spaces with an application*, **J. Korean Soc. Math. Educ. Ser. B : Pure Appl. Math.** 31(3), 2024, 267-281. (WoS) <https://doi.org/10.7468/jksmeb.2024.31.3.267>

2023

8. Kukreti, S., Prasad G, Dimri, R.C. : *Common fixed point results via F-contraction on C^* -algebra valued metric spaces*, **Korean Journal of Mathematics** 31(4), 2023, 391-403. (ESCI) <https://doi.org/10.11568/kjm.2023.31.4.391>
9. **Prasad, G.**, Deshwal, S., Srivastav, R.K. : *Fixed points of set-valued mappings in Menger probabilistic metric spaces endowed with an amorphous binary relation*, **Appl. Gen. Topol.**, 24 (2), 2023, 307-322. (ESCI) <https://doi.org/10.4995/agt.2023.18993>
10. **Prasad, G.**, Khantwal, D. : *Fixed points of JS-contractive mappings with applications*, **The Journal of Analysis**, 31(4), 2023, 2687-2701. (ESCI) <https://doi.org/10.1007/s41478-023-00598-z>

11. Prasad, G., Isik, H., Radenovic, S. : *Fixed points of monotone asymptotic pointwise p -nonexpansive semigroups in modular spaces*, **Filomat** 37(10), 2023, 3281-3289. (SCI) <https://doi.org/10.2298/FIL2310281P>
12. Khantwal, D., Aneja, S., Prasad, G., Gairola, U.C. : *A generalization of relation-theoretic contraction principle*, **TWMS Journal of Applied & Engineering Mathematics** 13(1), 2023, 166-174. (ESCI) <http://belgelik.isikun.edu.tr/xmlui/handle/iubelgelik/5211>
13. Deshwal, S., Srivastav, R.K., Prasad, G. : *Approximation by modified Post-Widder operators*, **J. Korean Soc. Math. Educ. Ser. B : Pure Appl. Math.** 30(1), 2023, 67-81. (WoS) <https://doi.org/10.7468/jksmeb.2023.30.1.67>

2022

14. Prasad, G., Huseyin Isik, H. : *On solution of boundary value problem via weak contractions*, **Journal of Function Spaces** 2022, ID 6799205. (SCI) <https://doi.org/10.1155/2022/6799205>
15. Prasad, G., Dimri, R.C. : *Fixed point theorems for weakly contractive mappings in ordered metric spaces with an application*, **Analysis in Theory and Applications** 38(2), 2022, 232-242. (ESCI) <https://doi.org/10.4208/ata.OA-2017-0044>
16. Khantwal, D. Aneja, S., Prasad, G., Joshi, B.C., Gairola, U.C. : *Multivalued relation-theoretic graph contraction principle with applications*, **Int. J. Nonlinear Anal. Appl.** 13(2), 2022, 2961–2971. (SCOPUS) <https://doi.org/10.22075/ijinna.2022.22536.2381>
17. Bartwal, A., Ahmad, J., Dimri, R.C., Prasad, G., Bonyah, E. : *On some new common fixed point results for finite number of mappings in fuzzy metric spaces*, **Advances in Mathematical Physics** 2022, 8pp, ID 1550332. (SCI) <https://doi.org/10.1155/2022/1550332>
18. Tomar, A., Kumar, S., Prasad, G. : *On solution of nonlinear integral and fractional differential equations via discontinuous nonlinear contractions*, **Journal of Mathematics** 2022, 11pp, Article ID 7257000. (SCI) <https://doi.org/10.1155/2022/7257000>

2021

19. Prasad, G., Khantwal, D. : *Fixed point theorems in relational metric spaces with an application to boundary value problems*, **Journal of Partial Differential Equations** 34 (1), 2021, 83-93. (ESCI) <https://doi.org/10.4208/jpde.v34.n1.6>
20. Prasad, G. : *Coincidence points of relational Ψ -contractions and an application*, **Afrika Mathematica** 32 (6-7), 2021, 1475-1490. (ESCI) <https://doi.org/10.1007/s13370-021-00913-6>
21. Prasad, G., Dimri, R.C., Kukreti, S. : *Fixed points of set-valued mappings in relational metric spaces*, **J. Korean Soc. Math. Educ. Ser. B : Pure Appl. Math.** 28(3), 2021, 253-266. (WoS) <https://doi.org/10.7468/jksmeb.2021.28.3.253>
22. Khantwal, D., Gairola, U.C., Prasad, G., Chauhan, A. : *Some fixed point theorems for (F, t) -contractive mappings on incomplete metric spaces*, **Janabha** 51(1), 2021, 68-73. (UGC CARE) <https://doi.org/10.58250/Jnanabha.2021.51110>

2020

23. Prasad, G. : *Fixed point theorems via w-distance in relational metric spaces with an application*, **Filomat** 34(6), 2020, 1889-1898. (SCI) <https://doi.org/10.2298/FIL2006889P>
24. Prasad, G. : *Fixed points of Kannan contractive mappings in relational metric spaces*, **The Journal of Analysis** 29(3), 2021, 669-684. (ESCI) <https://doi.org/10.1007/s41478-020-00273-7>
25. Prasad, G., Tomar, A., Dimri R.C., Bartwal, A. : *Coincidence theorems via contractive mappings in ordered non-Archimedean fuzzy metric spaces*, **J. Korean Soc. Math. Educ. Ser. B : Pure Appl. Math.** 27(4), 2020, 187-205. (WoS) <https://doi.org/10.7468/jksmeb.2020.27.4.187>
26. Bartwal, A., Dimri, R.C., Prasad G. : *Some fixed point theorems in fuzzy bipolar metric spaces*, **Journal of Nonlinear Sci. & Appl.** 13, 2020, 196-204. <https://doi.org/10.22436/jnsa.013.04.04>

2019

27. Prasad, G., Dimri, R.C., Bartwal, A. : *Fixed Points of Suzuki contractive mappings in relational metric spaces*, **Rendiconti del Circolo Matematico di Palermo Series II** 69(3), 2020, 1347-1358. (ESCI) , <https://doi.org/10.1007/s12215-019-00475-4>
28. Prasad, G., Dimri, R.C. : *Fixed point theorems via comparable mappings in ordered metric spaces*, **The Journal of Analysis** 27(4), 2019, 1139-1150. (ESCI) <https://doi.org/10.1007/s41478-019-00165-5>
29. Bartwal, A., Dimri, R.C., Prasad G. : *On multidimensional fixed point theorems in ordered V-fuzzy metric spaces*, **Int. J. Sci. & Tech. Res.** 8(8), 2019, 1196-1203. (SCOPUS) <https://api.semanticscholar.org/CorpusID:212554051>

2018

30. Prasad, G., Dimri, R.C. : *Fixed point theorems for weakly contractive mappings in relational metric spaces with an application*, **The Journal of Analysis** 26(1), 2018, 151-162. (ESCI) <https://doi.org/10.1007/s41478-018-0076-7>
31. Prasad, G., Dimri, R.C. : *Coincidence theorems in new generalized metric spaces under locally g-transitive binary relation*, **The Journal of the Indian Mathematical Society** 85(3-4), 2018, 396-410. (SCOPUS) <https://doi.org/10.18311/jims/2018/16383>

2017

32. Prasad, G., Dimri, R.C. : *Coincidence theorems for comparable generalized nonlinear contractions in ordered partial metric spaces*, **Communications of the Korean Mathematical Society** 32(2), 2017, 375-387. (ESCI) <https://doi.org/10.4134/CKMS.c160127>

2015

33. **Prasad, G.**, Dimri, R.C., Semwal, P.: *Common fixed point theorems for rational type contraction in partially ordered metric spaces*, **Journal of Advances in Mathematics** 11(5), 2015, 5266-5275. <https://doi.org/10.24297/jam.v11i5.1254> (Peer reviewed)
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Paper Presented in Conferences (09) :

1. Participated and presented a paper in **International Conference (In Memory of Late Professor S. L. Singh) on Nonlinear Analysis and Applications (ICNAA 2024) & Symposium on Ancient Indian Mathematics** organized by Department of Mathematics Pt. L. M. S. Campus, Sridev Suman Uttarakhand University, Rishikesh (India) on May 10- 12, 2024.
 2. Participated and presented a paper in **7th International Mardin Artuklu Scientific Researches Conference** organized by T.R. Mardin University, Turkey, on December 10-12, 2021.
 3. Participated and presented a paper in **International Conference on Scientific Research** organized by Kirsehir Ahi Evran University, Turkey on November 30, December 1-2, 2021.
 4. Participated and presented a paper in **27th International Conference of International Academy of Physical Sciences (CONIAPS-XXVII)** organized by School of Studies in Mathematics, Pt. Ravishankar Shukla University Raipur, Chhattisgarh, India, during October 26-28, 2021.
 5. Participated and presented a paper in **International Conference on Scientific Research Nur-Sultan, Kazakhstan** organized by Seiffulin Kazakh Agrotechnical University, on October 23-24, 2021.
 6. Participated and presented a paper in **International e-Conference on Fixed Point Theory and its Applications to Real World Problems** organized by Department of Mathematics, Government Post Graduate College Maldevta, Raipur Dehradun, Uttarakhand, India, on 27 June 2020.
 7. Participated and presented a paper in **National Conference on Promoting the Advancement of Applied Sciences** organized by Department of Mathematics H.N.B. Garhwal University, SRT Campus, Tehri Garhwal, during Oct. 22-23, 2019.
 8. Participated and presented a paper in **19th Annual Conference of Vijnana Parishad of India (RAMMSA- 2016)**, organized by Department of Mathematics H.N.B. Garhwal University, Pauri, during November 10-12, 2016.
 9. Participated and presented a paper in **19th International Conference of International Academy of Physical Sciences (CONIAPS-XIX)** organized by Department of Mathematics, DSB campus, Kumaun University, Nainital, during October 17-19, 2016.
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Extra-Curricular Activities :

- Worked as a volunteer of **DST INSPIRE (Innovation in Science Pursuit for Inspired Research)** program organized by HNB Garhwal University, Srinagar Garhwal every year since 2008. I worked in years **2015, 2016 and 2017** under the guidance of **Prof. Y.P. Sundriyal (program coordinator)** and motivated young students for their bright future in the field of science and technology. We also encouraged students for acquiring higher education in science from the universities over our country.

Computer Proficiency :

- Operating Systems : WINDOWS XP, 7, 8 & 10.
- Software Packages : LaTeX (WinEdt, Texstudio, Texword), MatLab.
- Network Skill : Good knowledge of Internet Surfing.

Personal Information:

Father's Name : Shri Risheshwar Prasad
Date of Birth : 16-06-1990
Sex : Male
Nationality : Indian
Marital Status : Single
Language Known : Hindi, English
Postal Address : Department of Mathematics,
Government Degree College Rudraprayag,
Uttarakhand PIN Code- 246171.
Permanent Address : Village Dangsera, Post office Maigadhar, District Tehri Garhwal-249155.
Scopus ID : 57194027300
WoS ID : AGE-1276-2022
MR Author ID : 1208620
ORCID ID : <https://orcid.org/0000-0002-8724-3309>
RG Profile : <https://www.researchgate.net/profile/Gopi-Prasad>
GS Profile : <https://scholar.google.co.in/citations?user=oPljQn4AAAAJ&hl=en>

Declaration: I declare that the information and facts stated here in the above are true and correct to best of my knowledge and belief.

Date : 07/09/2026

Place : Rudraprayag, Uttarakhand