

Academic and Research Profile
of Faculty Member

1.Name: Mrs. Ritu Tamta

2.Designation: Assistant - Professor

3.Official Address: Department of Physics,
Government Degree College, Chaubattakhal,
Pauri-Garhwal (Uttarakhand).

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5. Email Id: ritutamta23@gmail.com

6. Educational Qualification: M.Sc., NET (CSIR),

7. Area of Specialization/Research field: Electronics, General Relativity/Astrophysics

8. Publications:

i) Research articles published in journals

- 1) Ritu Tamta, Pratibha fuloria, **“Models of super dense structures using a new form of the mass function.”** Samriddhi,14(2),1-8,2022. ISSN(Online): 2454-5767
- 2) Ritu Tamta, Pratibha Fuloria, **“Analysis of physically realizable stellar models in embedded class one space-time manifold,”** Modern Physics Letters A, DOI:10.1142/SO217732320500017.ISSN (Online)-0217-7323.
- 3) Ritu Tamta, Pratibha Fuloria **“A new exact solution for anisotropic compact stellar objects of embedding class I space-time”**, International journal of advance research in science and engineering,07(02), 2018.ISSN 2319-8354
- 4) Ritu Tamta, Pratibha Fuloria, **“A new charged anisotropic compact star model in general relativity”** Journal of modern physics, 8(11):(1762-1778), 2017. ISSN (Online): 2153-120x

ii) Papers presented in Conferences/Seminars

Sl. No.	Title of the paper	Title of conference/seminar	Year
1.	A new exact solution for anisotropic compact stellar objects of embedding class I space-time,	International Conference on Recent Trends in Engineering Science and Management, Vedant College of Engineering Science & Technology, Bundi, Rajasthan,	2018
2.	Models of super dense structures using Karmakar's condition	International Conference on Challenges and Opportunities for Innovation in New Normal Scenario KSR Institute for Engineering and Technology, Tiruchengode, Namakkal (Dt), Tamil Nadu	2021

9. Academic /Administrative positions held

Sl. No.	Convener/Member/Secretary	Committee	Year (From-To)
1.	Convener	Scholarship Committee	2021-till date
2.	Convener	Cultural Committee	2021-till date

3.	Convener	Women's Grievance and Redressal Committee	2021- till date
4.	Member	Admission Committee Science Faculty	2021- till date
5.	Member	Sports Committee	2021- till date
6	Member	Anti-Ragging Committee	2021- till date