

CURRICULUM VITAE



DR. MANOJ SINGH BISHT

Contact Details

Mobile: 8979451224

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Personal Details

Date of birth: 10/12/1994

Gender: Male

**Father's Name: Mr. Jayveer Singh
Bisht**

Mother's Name: Mrs. Bharoshi Devi

Marital Status: Unmarried

Mother Tongue: Hindi

Nationality: Indian

Language Known: Hindi, English

Address of Correspondence

Village & Post- Bagori,

Tehsil- Chinyalisaur, Uttarkashi

Uttarakhand, Pin-249196

Interests and Hobbies

- ❖ Teaching
- ❖ Playing Cricket

- ❖ Reading Books
- ❖ Listening Garhwali Songs

Work Experience

- 1. Taught UG/ PG (Mathematics) classes in HNBGU, SRT Campus Badshahithaul Tehri, from November 2017 to January 2021**
- 2. Taught UG/PG classes as a guest faculty mathematics at Hemvati Nandan Bahuguna Garhwal Central University, BGR Campus Pauri Garhwal from 12 February, 2022 to 01 May 2022.**
- 3. Worked as assistant professor mathematics (contractual) at Government Degree College Rudraprayag, Uttarakhand from 02 May 2022 to 31 July 2023.**
- 4. Recently working as assistant professor mathematics (contractual) at Government Degree College Chinyalisaur (Uttarkashi), Uttarakhand from 01 August, 2023 onwards.**

Academic Chronicle

- ❖ **Ph. D. on 'Differential Geometry of Complex Manifolds with Orientation Analysis in Geometric Modeling' under the supervision of Dr. U.S. Negi, Associate Professor, HNBGU, SRTC Badshahithaul.**
- ❖ **4 times CSIR/ UGC NET (JRF), GATE Qualified.**

- ❖ **Pre- Ph.D. in 2018 with 80.33% marks.**
- ❖ **Post Graduate (M.Sc.) in Mathematics from HNBGU, SRTC Tehri in 2017 with 82.10% marks.**
- ❖ **Graduate (B.Sc.) in Physics, Chemistry, Mathematics from HNBGU, SRTC Tehri in 2015 with 72.78% marks.**
- ❖ **Intermediate from UK Board in 2012 with 67.2% marks.**
- ❖ **High School from UK Board in 2010 with 80% marks.**

Research Publication

1. Study of Weather Analysis via Geometric Modeling, *International Journal of Scientific Research and Reviews, IJSRR* (Oct.-Dec.) 2018, 7(4), pp. 1536-1546, ISSN: 2279–0543. (UGC Journal list No.: 63179).
2. Decomposition of Recurrent curvature tensor fields in a Kaehlerian manifold of first order., *Research Guru*, Volume -12, (March 2019), *Issue-4 pp.489-494*. ISSN: 2349–266X. (UGC Journal list No.: 63726).
3. Some almost contact hypersurfaces of a Kaehlerian manifold., *Journal of Interdisciplinary Cycle Research*, Volume XI, (December 2019), Issue XII, pp. 1634 - 1642, ISSN:0022-1945,(An UGC-CARE Approved Group- A Journal).
4. The curvatures of congruence relative to another congruence of a Complex Finsler hypersurface, *Aegaeum Journal*, Volume 8, Issue 7, 2020, pp. 805-812. <http://aegaeum.com/> (An UGC-CARE Approved Group – II Journal , ISSN NO: 0776-3808).
5. Contact Hypersurfaces of Constant Holomorphic Sectional Curvature in Kaehlerian Manifold, *Journal of Xidian University*, Volume14, Issue9, pp.1107-1117, September, 2020.
6. Geometric Modeling approach to the means of positive definite symmetric metrics, *International Journal of Statistics and Applied Mathematics*, Volume 5, Issue 6, pp. 119-124.
7. Decomposition of Normal Projective Curvature Tensors Fields in Finsler Manifolds, *International Journal of Statistics and Applied Mathematics*, Volume 6, Issue 1, pp. 188-196.
8. Geometric properties of constant holomorphic sectional curvature on Kaehlerian manifolds, chapter in conference proceeding book “**Promoting the advancement of Applied sciences**”, ABS Books Publisher, Delhi, 2020, pp. 125-133, ISBN NO: 978-93-87229-44-0.
9. A study of Neural Networks with Geometric Modeling, *Aryabhatta Journal of Mathematics & Informatics*, Vol. 13, Issue-1, 2021, pp.47-52.
10. Decomposable Kaehlerian Manifolds of Conformal Recurrent Curvature Tensor, “**South East Asian Journal of Mathematics and Mathematical Sciences**” Vol. 17, Issue-2, 2021. Pp. 135-140.
11. Hypersurface properties of almost contact Kaehler Manifolds “**Journal of Mountain Research**” P-ISSN: 0974-3030, E-ISSN: 2582-5011 Vol. 17(1), (2022), 27-32.

12. Emerging Electric or Magnetic Parts of Weyl Tensor on PNBP Manifold “**International Journal of Geometric Methods in Modern Physics**” World Scientific Publishing Company, October, 2023.

Conferences/ Seminars

1. Attended and presented a paper “**Weather Analysis via Geometric Modeling**” in International Conference on Climate Change and Disaster Risk Reduction.
2. Attended and presented a paper “**Some Almost Contact Hypersurfaces of Kaehlerian Manifold**” in International Conference of Applied Mathematics and Computational Sciences.
3. Attended and presented a paper “**Geometric properties of constant holomorphic sectional curvature on Kaehlerian Manifolds**” in National Conference on Promoting the Advancement of Applied Sciences.
4. Attended a National Seminar on “**Promotion of Academic Integrity and Prevention of Plagiarism**” organised by UPES Dehradun.
5. Attended a National workshop on “**Smart way to prepare Thesis and get Organised with Gmail**” organised by South Gujarat Pradhyapak Pushtak Prakashan Sahkari Mandali Ltd., Surat, Gujarat.
6. Attended “**NASI-TMC Summer School on Differential Geometry**” organised (online) by Department of Mathematics and statistics, central University of Punjab, Bathinda during July 05 - 24, 2021.

Award

Awarded '**Best Oral Presentation**' in the National Conference on ‘**Promoting the Advancements of Applied Sciences**’, held on 22-23, October 2019 organized by **Department of Mathematics, H.N.B.G.U, SRT Campus, Badshahithaul, Tehri Garhwal.**

Technical Skills

Basic Computer MS Office

- ❖ **MATLAB**
- ❖ **Windows**
- ❖ **LATEX**
- ❖ **MATHEMATICA**

Skill and Abilities

- ❖ **Good at Communication**
- ❖ **Good at lesson plan design**
- ❖ **Able to use varied teaching strategies**
- ❖ **Able to Collaborate**
- ❖ **Adoptable to any Environment**
- ❖ **Hardworking and creative**
- ❖ **Fully dedicated towards work in any situation.**

Other Activities

I have successfully conducted several practical and viva –voce exam as an external or internal examiner in SDSUV and made university main examination papers of mathematics.

References

- ❖ **Dr. U.S. Negi, Associate Professor, Department of Mathematics, HNBSGU, SRT Campus Badshahithaul Tehri Ph. No. 9758037370 Mail: usnegi7@gmail.com**

❖ **Dr. K.C. Petwal, Associate Professor,**
Department of Mathematics,
HNBGU, SRT Campus Tehri.
Ph. No. 9411521475;
E-mail: kcpetwal@gmail.com

Declaration

I hereby affirm that the above- mentioned statements are true to the best of my knowledge and belief. Given a chance under you, I will spare no effort to prove my worth to your expectations

Place: Chinyalisaur, India.

Date:



(MANOJ SINGH BISHT)