

FACULTY PROFILE

1. Name: Dr. S. K. Chanyal
2. Designation: Assistant Professor
3. Qualification: Ph. D. , CSIR (NET)
4. Area of Specialization: Riemannian Geometry, Differentiable Manifolds
5. Awards/Recognitions: NA
6. Number of Research projects: NIL
7. Number of Ph. D candidates successfully completed: 00
8. Number of Ph. D candidates currently working: 02

9. Publications:

i) Research Articles published in journals:

1. B. C. Chanyal and S. K. Chanyal (2017) "Dual number coefficient octonion algebra, field equations and conservation laws", Anal. Math. Phys., vol. 7, 319-334
2. Bhupesh Chandra Chanyal, Sunil Kumar Chanyal, Ozcan Bekta and Salim Yuce (2016) "A new approach on electromagnetism with dual number coefficient octonion algebra", International Journal of Geometric Methods in Modern Physics, Vol. 13, 1630013 (22 pages)
3. B. C. Chanyal, S. K. Chanyal, Virendra Singh and A. S. Rawat (2016) "Proca-Maxwell Equations for Dyons with Quaternion", Applied Mathematics and Physics, Vol. 4, No. 1, 9-15
4. Jaya Upreti and S. K. Chanyal (2015) "Conharmonic curvature tensor on (k, μ) -contact metric manifold" ANALELE STIINTIFICE ALE UNIVERSITATII "AL.I. CUZA", IASI
5. Anita Kumari and S.K. Chanyal, "On the T Curvature Tensor of Generalized Sasakian Space Form", IOSR Journal of Mathematics, Vol. 11, 3, 61-68
6. Jaya Upreti, S. K. Chanyal and C. S. Prasad (2013) "Semi-Symmetric Metric Connection in an LPS-Riemannian Manifold", Tensor New Series, vol. 74, no. 2, 209-211
7. Jaya Upreti and S. K. Chanyal (2011) "Hypersurfaces of a Generalised r-contact product metric structure manifold", Interface between Statistics, Mathematics and Allied Sciences (proceeding), 87-94

8. Jaya Upreti and S. K. Chanyal (2010) "Pseudo-Slant submanifolds of a generalised almost contact metric structure manifold", Journal of The Tensor Society, vol. 4, 57-68
9. Jaya Upreti and S. K. Chanyal (2010) "On Generalised semi-symmetric connection", Bulletin of Calcutta Mathematical Society, 102(2), 159-168
10. Jaya Upreti and S. K. Chanyal (2008) "A semi-symmetric non-metric sp-connection in an LSP-Sasakian manifold", Journal of National Academy Mathematics, vol. 22, 1-10

iii) Papers presented in Conferences/Seminars

Sl. No.	Title of the paper	Title of conference/seminar	Year
1	M-Projective curvature tensor on a trans-Sasakian manifold	National conference on advances in Mathematics and its Applications (NCAMA-2018)	March 17 – March 18, 2018
2	Some results on (κ, μ) -contact metric manifolds	8 th conference of the Indian Science congress Association (Haridwar Chapter) "Reaching the unreached through Science and Technology"	Oct. 14 – Oct. 15, 2017
3	On (κ, μ) -manifolds with respect to semi-symmetric non-metric connection	19 th International conference of International Academy of Physical Sciences (CONIAPS-XIX)	Oct. 17 – Oct. 19, 2016
4	M-Projective curvature tensor on a (κ, μ) -contact manifold	1 st National conference on Progressive Sciences and Engineering (NCPSE-2016)	Oct. 24 – Oct. 25, 2016
5	Conharmonic curvature tensor on (κ, μ) manifold	6 th Uttarakhand State Science & Technology Congress-2011	Nov. 14 – Nov. 16, 2011
6	Some Curvature Tensors on (κ, μ) manifold with respect to Semi-symmetric Non-metric Connection	4 th Annual Conference of The Tensor Society on Application of Tensors and Differential Geometry in Engineering and Physical Sciences	Oct. 08 – Oct. 09, 2011
7	An Introduction to Tensors	International Colloquium on History of Mathematical Sciences & Symposium on Non-Linear Analysis	May 16 – May 19, 2011
8	Hypersurfaces of a generalized almost contact product metric structure manifold	National seminar on Interface Between Statistics, Mathematics and Allied Sciences	Nov. 20 – Nov. 22, 2010
9	On Trans-Sasakian Manifold satisfying certain conditions on Conircular curvature tensor	National conference on Recent Trends in Pure & Applied Mathematics (CORTPAM-2010)	July 24 – July 25, 2010
10	Semi-symmetric metric connection in LPS Riemannian Manifold	National conference of The Tensor Society on Development of Differential Geometry	Oct. 02 – Oct. 03, 2009
11	Pseudo-slant submanifolds of a generalised almost contact metric structure manifold	XXIII Annual Conference of the Mathematical Society	Dec. 29 – Dec. 30, 2007

iv) Articles/review articles published in books/journals: No

10. Conference/Seminar organized:

Sl. No.	Status as organizer	Title of the conference/seminar	Year and dates
1.	Academic Secretary	8th Conference of The Indian Science Congress Association (Haridwar Chapter) on "Reaching The Unreached Through Science And Technology" Organized by Department of Mathematics and Department of Computer Science, DSB Campus, Nainital Venue: Dynasty Resort, Khurpatal, Nainital	October 14-15, 2017
2.	Co-Convener	19th International Conference of International Academy of Physical Sciences (CONIAPS XIX) & Symposium on Fixed Point Theory and Dynamical Systems Organized by Department of Mathematics and Department of Computer Science, DSB Campus, Nainital Venue: Dynasty Resort, Khurpatal, Nainital	October 17-19, 2016,
3.	Joint Secretary	National Conference on Development of Differential Geometry Organized by The Tensor Society Venue: Akash Ganga Guest House, Swargashram, Rishikesh	October 2-3, 2009

11. Sessions chaired in Conferences/Seminars: No

12. Academic/Administrative positions held: No

13. Membership to professional Organization/Associations:

Sl. No.	Name of the Association/Organizations	Status of the membership
1	Life Member of The Tensor Society India.	Life member
2	Life Member of The National Academy of Mathematics India.	Life member

14. Any other Information:

- Participated in the following faculty development programs:
 1. *Instructional School for Lecturers (ISL) in Linear Algebra* at from sponsored by National Board for Higher Mathematics (NBHM) organized by CEMS Department of Mathematics, Kumaun University, S. S. J. Campus, Almora during March 17 –March 29, 2014.
 2. *Instructional School for Lecturers (ISL) in Differential Geometry* at from sponsored by National Board for Higher Mathematics (NBHM) organized by CEMS Department of Mathematics, Kumaun University, S. S. J. Campus, Almora during May 21 –June 09, 2012.
 3. *Instructional School for Lecturers (ISL) in Algebra* from sponsored by National Board for Higher Mathematics (NBHM) organised by CEMS Department of Mathematics, Kumaun University, S. S. J. Campus, Almora during Feb. 20 –March 03, 2012.
- Attended the following workshops:
 1. *Workshop on Algebra and Number Theory* organized by Department of Mathematics, S. S. J. Campus, Almora during March 22 –March 24, 2012.
 2. *National Workshop on Optimization- Theory and Practice* sponsored by Uttarakhand State Council for Science & Technology (UCOST) organized by Department of Mathematics, S. S. J. Campus, Almora during Nov. 15 –Nov. 19, 2010.
- Attended the following Specific Refresher Courses:
 1. Refresher Course in Mathematics at UGC-HRDC University of Hyderabad during July 04 – July 24, 2018.
 2. Refresher Course in Statistics & Mathematics at Academic Staff College Nainital during Nov. 10 – Nov. 30, 2010.
- Computer and Programming Skills:
 - Mathematical Software- MATLAB, SageMath
 - Programming Language- C, C++, Python
 - Document Preparation Systems- Latex and MS Office
 - Operating Systems- Windows and Linux
 - Database Handling- MS Access, Sql



Signature of the Faculty
Member