**Dr. S. K. Srivastava**
Assistant Professor

**Contact details:**

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**Academic Qualification:** M.Sc., Ph.D. (Mathematics)

**Title of Ph.D. Thesis:** A study of the hypersurfaces of Sasakian manifolds

**Specialisation:** Differential Geometry & Relativity

**Research Interest:** Analysis and Cosmology

**Courses Taught:**

**(i) Post Graduate students:**
Differential Geometry, Complex Analysis, Functional Analysis, Abstract Algebra, Linear Algebra, Real Analysis, Partial Differential equations, Mathematical Methods, Lebesgue Measure & Integration, Operations Research.

**(ii) Ph.D. Students:**
Differentiable Structures on Manifolds, Advanced Complex Analysis, Computational methods, Advanced topics in Topology and Analysis.

**List of latest significant publications:**

i) K. Srivastava and **S. K. Srivastava**, On a class of α-para Kenmotsu manifold, Mediterr. J. Math., 13(2016), 391-399.

ii) **S. K. Srivastava** and A. Sharma, Geometry of PR-semi-invariant warped product submanifolds in paracosymplectic manifold, Journal of Geometry, **108** (1)(2017), 61-74. DOI 10.1007/s00022-016-0325-3

iii) **S. K. Srivastava** and A. Sharma, Pointwise Pseudo-slant Warped Product Submanifolds in a Kähler Manifold, Mediterr. J. Math., (2017), DOI 10.1007/s00009-016-0832-3

iv) **S. K. Srivastava**, A. Sharma and S. K. Tiwari, PR-pseudo-slant warped product submanifold of a nearly paracosymplectic manifold, Analele Stiintifice Ale Universitatii Al I Cuza Din Iasi – Matematica, 2017 (to appear).

v) **S. K. Srivastava** and K. Srivastava, Harmonic maps and para-Sasakian geometry, MATEMATICKI VESNIK, **69** (3) (2017), 153-163.

vi) **S. K. Srivastava** and A. Sharma, A general optimal inequality for warped product submanifolds in paracosymplectic manifolds, Note di Matematica, **37**(2) (2017), 45-60.

**Research Projects Ongoing/Completed:**
> ➢ Completed: UGC-BSR STARTUP GRANT vide letter No. F. 30-29/2014 dated 18.07.2014
> ➢ Ongoing: None

**Ph.D. Supervised/Supervising:**

Supervised: 02

> ➢ Dr. Kirandeep Bala, Assistant Professor, Department of Mathematics, Govt Polytechnic HP.

> ➢ Dr. Anil Sharma, Assistant Professor, Department of Mathematics, LPU, Punjab.

Supervising: 03

> ➢ Ms. Kanika Sood (DST-INSPIRE JRF),

> ➢ Mr. Anuj Kumar (CSIR NET & JRF) and

> ➢ Ms. Mayrika Dhiman (CSIR NET).

**Participation in Seminars/Conferences:** 10

**Membership of Learned Societies/ Professional Bodies:**  American Mathematical Society

**Awards & Honours Received: -**
- Late Sri DPS Memorial Award for the best presentation in the conference of Tensor Society on. "Application of Tensors and Differential Geometry", July 5-6, 2008, SRMCEM, Lucknow.
- Qualified National Eligibility Test with Junior Research Fellowship in Mathematics (December, 2005)

**Invited lectures:-**
- Delivered a talk on the topic "**Career Opportunities in Higher Mathematics**", 1 February, 2014, M&M Educational Services, Hamirpur (H.P.) -177005.
- Delivered a series of six lectures on the topic "**Expositions of group theory**" in two days' workshop, 25 -26 October, 2014, organized by M&M Educational Services, Hamirpur (H.P.) -177005.