

**(FACULTY PROFILE)**

कुमाऊँ विश्वविद्यालय  
स्लीपी हॉलो नैनीताल-263001, उत्तराखण्ड



**Kumaun University**  
(Accredited Grade "A" by NAAC)



1. **Name (in Block Letters)** : Dr. ANITA KUMARI
2. **Father's Name** : RAMASHISH SINGH
3. **Department** : MATHEMATICS
4. **Current Designation** : ASSISTANT PROFESSOR (senior scale)
5. **Qualification** : Ph. D.
6. **Email** : anita.shiv2010@gmail.com
7. **Area of Specialization** : Fixed Point theory, Fuzzy set theory
8. **Research Experience (in years)** : **10 Years**

**9. Conference/Seminar organized:**

Sl. No.	Status as organizer	Title of the conference/seminar	Year and dates
1.	Organizing 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.	Academic Secretary	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
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### 10. Published Papers in Journals

S. No.	Research Articles published in journals
1.	On Hyperbolic F-structure Manifold, International academy of physical sciences, ISSN: 0974-9373, 461-479.
2.	On the T curvature tensor in generalized sasakian manifold ,IOSR Journal of Mathematics (IOSRJEN), ISSN: 2319-765X,61-68.
3.	An Evaluation of the System Reliability Using Fuzzy Lifetime ,Distribution Emphasising, Hexagonal Fuzzy Number, IOSR Journal of Engineering (IOSRJEN),(2019), ISSN: 2278-8719,17-25.
4.	Conjunction as Cohesive Devices in the Writing of Mathematicians, IOSR Journal of Mathematics (IOSR-JEN ),(2019) ISSN: 2278-5728,17-22.
5.	T-Curvature Tensor On Generalized (k- $\mu$ ) Contact Metric Manifolds, IOSR Journal of Mathematics (IOSR-JEN),(2019),ISSN: 2278-5728, 23-32.
6.	Analysis of a mathematical reliability model for a system with fuzzy constant failure rate using trapezoidal fuzzy number, Journal of Engineering Research and Application, (2019), ISSN : 2248 -9622,42-45.
7.	Fuzzy reliability of a system using dual hesitant fuzzy element, The International Journal of Statistics and Reliability Engineering (IJSRE), (2020),ISSN: 2350-0174,17-25.
8.	Reliability and mean time to failure of unrepairable systems using intuitionistic fuzzy random lifetimes , Advances and Applications in Mathematical Sciences ( Mili Publications) (2020), ISSN: 0974-6803,1337-1366.
9.	Fuzzy System Reliability Using Hesitant Fuzzy Element and Score Function Advancements in Fuzzy Reliability Theory (book chapter) ISBN13: 9781799875642, 209-221.
10.	A Generalized Fixed Point Theorem on Partial b-Metric Spaces Fixed Point Theory and its Applications to Real World Problems (book chapter) ,ISBN: 978-1-53619-336-7, Accepted.

## 11. Papers presented in Conferences, Seminars, Workshops, Symposia

S. No.	Name of the title of event (Conference/workshop/seminar/training program)	Place organized at	Date & Duration of the event	Title of the paper if presented
1.	National conference of the tensor society on development of differential geometry	Swarggashram, rishikesh	02/10/2009 to 03/10/2009	participate
2.	National seminar on interface between statistics, mathematics and allied sciences	SSJ campus almora, kumaun university, nainital	20/11/2010 to 22/11/2010	participate
3	National workshop	SSJ campus almora, kumaun university, nainital	15/11/2010 to 19/11/2010	Optimization-theory and practice
4	International colloquium on history of mathematical sciences & symposium on non-linear analysis	SSJ campus almora, kumaun university, nainital	16/05/2011 to 19/05/2011	On generalized para structure manifolds
5	4 <sup>th</sup> annual conference of the tensor society on application of tensors and differential geometry in engineering and physical sciences	SRMJPC, Lucknow	8/10/2011 to 09/10/2011	Submanifolds and hypersurfaces of hyperbolic F-structure manifolds
6	Instructional school for lecturers in algebra	SSJ campus almora, kumaun university, nainital	20/02/2012 to 03/03/2012	participate
8	International conference on soft computing techniques for engineering & technology-2014	Graphic era hill university. bhimtal	07/08/2014 to 08/08/2014	On the T-curvature tensor of generalized sasakian space form.
9	National conference on Differential geometry and its applications	University of Allahabad, allahabad	27/12/2014 to 28/12/2014	T Bochner and some curvature tensors on a trans sasakian manifold
10.	19 <sup>th</sup> International conference of International academy of physical sciences & symposium on Fixed point theory and dynamical systems	DSB Campus, Nainital	17/10/2016 to 19/10/2016	Some curvature tensors of almost $C(\lambda)$ manifold
11	1 <sup>st</sup> national conferences on progressive sciences & engineering	Institute of technology Gopeshwar, Uttarakhand	24/10/2016 to 25/10/2016	A survey of finler space

12	19 <sup>th</sup> annual conference of vijnanparishad of india on Recent advances in mathematics and mathematical sciences and their applications & symposium on fixed point theory and applications	HNB Garhwal University	10/11/2016 to 12/11/2016	Submanifolds and hypersurface of f-structure manifold.
13	National Seminar on Socio-Economic Impact of Ecological Ignorance in Development: Raising Disastrous possibilities	PGS college, Dwarahat, Almora	06/05/2017 to 07/05/2017	Study of Impact of climatic changes on various components of the Himalayan ecosystem
14	8 <sup>th</sup> conference of ISCA (Haridwar chapter) Reaching the Unreached through Science and Technology	Department of Mathematics, DSB Campus, Kumaun University, Nainital	14/10/2017 to 15/10/2017	Generalized Structure Manifold
15	National conference on Differential geometry and its applications	Department of Mathematics, Nehru gram bharti, Allahabad	03/08/2018 to 05/08/2018	Participated
16	National conference on Advances in mathematics and its applications	MBPG PG college, haldwani	17/03/2018 to 18/03/2018	A survey of various generalized structure manifolds
17	National seminar on Marginalised groups of india and violation of human rights in the era of globalization	Mahilamahavidyalaya college, Kanpur (U.P.)	29/03/2018	The effect of globalization on Human Rights of Women
18	International conference on Emerging trends in engineering, management & sciences	Graphic era hill university, Bhimtal campus, nainital	27/04/2019 to 28/04/2019	A comparative study of cohesion devices in literature
19	CONIAPS-XXIV on Innovations in physical sciences	CCS University, Meerut	09/08/2019 to 11/08/2019	Conjunction as cohesive devices in writing of mathematics
20	Workshop on man kibaat, jalkibaat	PG college, dwarahat, almora	11/08/2019 to 12/08/2019	Invited lecture

## 12. Orientation / Refresher Course/FDP attended

Name of the Course / Summer School	Place	Duration	Sponsoring Agency
Orientation Course	UGC-HRDC, Kumaun University, Nainital	04/04/2015 to 02/05/2015	UGC
Summer School	UGC-HRDC, Kumaun	15/05/2017 to	UGC

(Refresher Course) on Man,Nature and Society	University, Nainital	03/06/2017	
Faculty development programme on Traditional and modern optimization techniques	BTKIT, Dwarahat, Almora	16/09/2019 to 20/09/2019	Ucost
FDP on Recent advances in Mathematics and statistics(online mode)	GITAM, Andhra pradesh	03/08/2020 to 08/08/2020	UGC
Winter School (Refresher Course) on Collaboration and Conflict Management	UGC-HRDC, Kumaun University, Nainital	16/12/2020 to 30/12/2020	UGC

**Place: Nainital**

**(Dr. Anita Kumari)**  
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**Dept. of Mathematics, DSB Campus**  
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