

PERSONAL INFORMATION:

Name	:	Dr. Seema Negi
Designation	:	Assistant Professor
Department	:	Department of Mathematics
College	:	S. V. Govt. P. G. College, Lohaghat (Champawat)

EDUCATIONAL QUALIFICATIONS:

Examination Passed	University/Board	Year of Passing	% Marks	Division	Subjects
High School (10 th)	Uttaranchal Board	2003	60	First class	English, Hindi, Art, Mathematics, Science, Social sciences.
Intermediate (10+2)	Uttaranchal Board	2005	63.5	First class	English, Hindi, Physics, Chemistry, Mathematics,
B.Sc.	Kumaun University	2008	74.51	First class	Physics, Chemistry, Mathematics
M. Sc.	Kumaun University	2010	80	First class	Mathematics
B.Ed.	Kumaun University	2011	70	First Class	Science
Ph.D.	G. B. Pant University of Agriculture and Technology, Pantnagar	2016			Major- Mathematics Minor- Computer Science

Ph. D. Thesis Topic: Reliability assessment of systems using universal generating function in different environments.

ACADEMIC ACHIEVEMENTS

- Secured 1st rank during post graduation (Mathematics) in Kumaun University, 2010 and got a vice chancellor's gold medal.
- Qualified Uttarakhand State Eligibility Test-2012 (USET) in Mathematical Science.
- Qualified GATE-2013 (96.8 percentile) in Mathematical Science.
- Qualified CSIR-UGC-JRF December 2013 in Mathematical Science with 86th rank all over India.
- Qualified UTET-II (2013).
- Qualified CSIR-UGC-NET June 2014 in Mathematical Science with 50th rank all over India.
- Qualified GATE-2015 (98 percentile) in Mathematical Science.

SEMINARS AND CONFERENCES ATTENDED

- International Conference on Soft Computing Techniques for Engineering & Technology-2014 held at Graphic Era Hill University, Bhimtal Campus, Nainital, Uttarakhand on August 7-8, 2014.
- International Conference on Science and Technology-2015 "Exploring the Potential of Convergence", held at Shri Ram Murti Smarak (SRMS) College of Engineering & Technology, Bareilly on February 27-28, 2015.
- 2nd International Conference on Mathematical Techniques in Engineering Applications – 2016 held at Graphic Era University, Dehradun, Uttarakhand, India on April 29-30, 2016.
- International Conference on Innovative Research in Mechanical, Material, Industrial, Automotive, Aeronautical and Nano-Technology Organized by JNU, New Delhi on 9 September 2017.

PUBLICATIONS:

ABSTRACTS PUBLISHED

- **Negi S, Singh S.B. 2014.** Reliability of weighted- $((f/(R, S)), k)/(M, N)$: G Lattice System. International Conference on Soft Computing Techniques for Engineering & Technology-2014, held at Graphic Era Hill University, Bhimtal Campus, Nainital, Uttarakhand on August 7-8, 2014.
- **Negi S., Bisht K., Singh S.B.2015.** Reliability of Linear (n, f, k) system with weighted components. International Conference on Science and Technology-2015 “Exploring the Potential of Convergence”, held at Shri Ram Murti Smarak (SRMS) College of Engineering & Technology, Bareilly on February 27-28, 2015.

PAPERS PUBLISHED

- Negi S., Singh S.B. 2015. Reliability analysis of non-repairable complex system with weighted subsystems connected in series. *Applied Mathematics and Computation*. <http://dx.doi.org/10.1016/j.amc.2015.03.119>.
- Negi, S., & Singh, S. B. Reliability of Circular (n, f, k) System with Weighted Components. *Journal of Basic and Applied Engineering Research* p-ISSN: 2350-0077; e-ISSN: 2350-0255; Volume 4, Issue 6; July-September, 2017, pp. 497-501
- Negi, S., Jaiswal, N., & Singh, S. B. (2018). Reliability Assessment of Non-Repairable k -Out-Of- n System using Belief Universal Generating Function. *International Journal of Performability Engineering*, 14(5), 831-840.
- Jaiswal, N., Negi, S., & Singh, S. B. (2018). Reliability analysis of non-repairable weighted k -out-of- n system using belief universal generating function. *International Journal of Industrial and Systems Engineering*, 28(3), 300-318.
- Negi, S., & Singh, S. B. (2019). Fuzzy reliability evaluation of linear m -consecutive weighted- k -out-of- r -from- n : F systems. *International Journal of Computing Science and Mathematics*, 10(6), 606-621.
- Negi, S., Singh, S. B. & Bisht, K. (2021). Fuzzy Reliability of Weighted- $((f/(r, s)), k)/(m, n)$ G System. *Advancements in Fuzzy Reliability Theory*, 20-42.

MEMBERSHIP OF THE ORGANIZATION

Life membership: Indian Science Congress Association (Membership number L26835).

TRAINING PROGRAMME ATTENDED

- Participated in online **Faculty Induction Programme (FIP)** from **23/02/2021 to 31/03/2021** organized by UGC HRDC, Aligarh Muslim University, Aligarh.
- Participated in the **International workshop on Numerical and Analytical Techniques in Engineering Problems (IWNATEP-2022)** organized by the Department of Mathematics held on **19/01/2022 to 21/01/2022** at SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India.
- Participated in online Subject **Refresher Course in Human Rights (open to all)** from **20/07/2022 to 02/08/2022** organized by UGC HRDC, Aligarh Muslim University, Aligarh.