

CURRICULUM VITAE

Dr. MEENAKSHI

**Faculty of Mathematics
Maharana Pratap govt. Degree college
Nanakmatta.**



CAREER OBJECTIVE

A highly motivated, innovative and resourceful person, like to have a challenging role within the teaching field where I could apply the knowledge and skills that I have acquired so far.

Year(s)	Qualification Degree /Diploma Certificate	Board/University	Division	Subjects
2017	Ph.D.	G. B. Pant University of Agriculture and Technology, Pantnagar	Completed on 23 august 2017	Major: Mathematics Minor: Computer Science
2011	B.Ed.	M.D.U. Rohtak	First	Science
2008	M.Sc.	Kumaun University	First	Mathematics
2006	B. Sc.	Kumaun University	First	Physics, Chemistry, Mathematics
2003	Intermediate	Uttaranchal board	First	English, Hindi, Physics, Chemistry, Mathematics
2001	High School	Uttar Pradesh Board	First	English, Hindi, Sanskrit, Mathematics, Science, Social sciences.

RESEARCH WORK:

Thesis Title: Analysis of the system reliability indices using universal generating function.

ACHIEVEMENT:

- GATE 2012 SCORE 416 AIR- 189

WORK EXPERIENCE

I have been working as a guest assistant professor in department of higher education Uttarakhand since 2017.

SEMINARS / CONFERENCES/ WORK SHOP /SHORT TERM COURSES ATTENDED:

- National conference on Emerging Trends in Applied Sciences 2017 held at School of Basic and Applied Sciences Galgotias University.
- 10th Uttarakhand State Science and Technology Congress 2015-16 held at Vigyan Bhawan, Dehradun(India), during February 10-12, 2016.
- 2nd International Conference on Mathematical Techniques in Engineering Applications (ICMTEA2016) held at Graphic Era University (GEU) and Graphic Era Hill University (GEHU), Dehradun (India), during April 29-30, 2016.
- National Seminar on Interdisciplinary Approach of Science in Advancement of Technology: Art of Human Welfare held at Galgotias College of Engineering & Technology, Greater Noida (India), During October 15-16, 2015.
- Completed one day training program on “Effective use of e-Resources” held at G. B. Pant University of Agriculture and Technology, Pantnagar.
- National workshop on “Real analysis” sponsored by USERC(Uttarakhand Science Education and Research Centre) from 28 march to 2 april 2022.
- UGC Approved Short Term Professional Development Programme on ‘Implementation of NEP-2020 for University and College Teachers’ held from October 27 to November 05, 2022 Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.

PAPERS PUBLISHED:

- **Meenakshi and S.B. Singh.** Reliability analysis of multi-state complex system having two multi-state subsystems under uncertainty. **Journal of Reliability and Statistical Studies**, 10(1): 161-177.
- **K. Meenakshi and S.B. Singh,** Reliability analysis of $((e, f), k, l_c)/(m, n):F$ system under multiple failure using universal generating function. **International journal of Reliability and safety**, 12(3): 292-305.
- **K. Meenakshi, S.B. Singh, Akshay Kumar,** Reliability analysis of multi-state complex system with multi-state weighted subsystems. **International Journal of Quality and Reliability Management** 2019 36(4):552-568.
- **K. Meenakshi, S.B. Singh,** Reliability analysis of multi-state two-dimensional system by universal generating function. **Publisher in Springer book “Mathematical Analysis and Application in Modelling” 2020.**
- **Meenakshi, K., Kumar, A. & Singh, S. B. .** Fuzzy Reliability Assessment of Consecutive r-out of-k-from n: G System using UGF. **Advancements in Fuzzy Reliability Theory- IGI Global Publisher.2021. (pp-181-191). ISBN13: 9781799875642.**
- **Akshay Kumar, Meenakshi Garia, Mangey Ram and S.C. Dimri.** Assessment of Fuzzy Reliability and Signature of Series-Parallel Multi-State System. **Safety and Reliability Modeling and Its Applications. (Elsevier). (Accepted May 2020, Published 1st July 2021), ISBN:9780128233238.**

MEMBERSHIP

Life membership: Indian Science Congress Association (Membership number L28388).

DECLARATION:

I hereby declare that the information furnished above by me is true and correct to the best of my knowledge and belief.

Place: Nanakmatta

(Meenakshi)

Date: 30/05/2025