

DR. POOJA CHAUHAN

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Career Objective:

Recent education doctorate with a strong foundation in Science and a passion for inspiring young minds. Eager to bring enthusiasm, creativity and a willingness to learn to a teaching position. Committed to create a supportive and inclusive learning environment that fosters academic growth and social development. Excited to begin a teaching career and make a positive impact on student's lives.

Educational Qualification:

- Completed Ph.D. (Doctor of philosophy) from Gurukul Kangri (Deemed to be University) Haridwar, in Zoology (2024).
- Completed M.Phil. (Master of Philosophy) from Chaudhary Charan Singh University, Meerut in Zoology (2018).
- Completed M.Sc. (Master of Science) from D.N degree college, Meerut in Zoology (2017).
- Completed B.Sc. (Bachelor of Science) from Meerut College, Meerut in Biology (2015).
- Completed HSC from Meerut Public Girls School, Meerut (2012).
- Completed SSC from Meerut Public Girls School, Meerut (2010).

Special achievements:

- Qualified CSIR-NET December 2018 (Life science).
- Published five research articles in reputable journals.
- Participated in many international and national conferences.

Professional skills:

- Have an excellent communication skills to deliver the subject in an easy and effective way.
- Knowledge in utilizing all the modern teaching aids such as computers, internet surfing, MS Word, MS Excel, power point presentations etc.
- Knowledge in conducting experimental work.
- Work with positive attitude to contribute the healthy functioning of the organization.

Technical skills:

- Gel electrophoresis
- Quantitative Real Time PCR (qRT-PCR)
- Haemocytometer
- Flow cytometry

Publications:

- Selective elimination of younger erythrocytes in blood circulation and associated molecular changes in benzo (a) pyrene induced mouse model of lung cancer.
- Benzo (A) pyrene exposure alters alveolar epithelial and macrophages cells diversity and induces antioxidant responses in lungs.
- Polydispersed acid functionalized single-walled carbon nanotube induced the integrin associated protein (CD47) and Basigin (CD147) expression and modulated the antioxidant gene expression in erythroid cells in mice.
- Aflatoxin B1 administration induces reactive oxygen species production and apoptosis of erythrocytes in mice.
- Aflatoxin B1 administration causes inflammation and apoptosis in the lungs and spleen.

Experience: Presently teaching at Rudra institute of technology, Mawana khurd, Meerut

Hobbies:

- Listening to music.

Personal Details:

- Date of Birth : 21 May 1995
- Gender : Female
- Nationality : Indian
- Marital Status : Not Married
- Religion : Hindu
- Languages Known : English & Hindi

Declaration:

I hereby declare that all the above information is true to the best of my knowledge.

