

RESUME

Dr. Ritu Saharan

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Objective

To Acquire a Challenging Position in An Environment Where I Can Best Utilize My Skills and Education.

Educational Qualification

- Ph. D: (2020) Science from Mody University of Science and Technology, Rajasthan (8.22 CGPA).
- Post-Graduation Diploma in Chemo Informatics: (2009) from Jamia Hamdard University, New Delhi with 59.5%.
- M.Sc. (Microbiology): (2007) from University of Rajasthan, Jaipur with 59.20%.
- B.Sc.: (2005) from Kurukshetra University, Kurukshetra, 64%.
- 12th: (2002) from Board of School Education Haryana with 76%.
- 10th: (1999) from Board of School Education Haryana with 76%.

Workshop & Training

- ‘Science Academies’ Lecture Workshop on **Nanoscience & Nanotechnology: Challenges and Opportunities.**
From: - Mody University of Science & Technology, Lakshmangarh, Sikar.
- DBT sponsored short term training course on **Immobilization of Enzymes with Nanomaterials for Industrial Application.**
From: - Bharathiar university, Coimbatore, Tamil Nadu.
- Short term training programme on **Research Methods and Data Analysis (using SPSS & Eviews)**
From: - Mody Institute of Technology & Sciences, Lakshmangarh, Sikar.
- Workshop on “**Molecular techniques**”
From: - Bharathiar university, Coimbatore, Tamil Nadu.

- **Effect of physiological conditions on the activity of amylase isolated from different species of *Aspergillus spp.***
From: – Wingene Biotech. Research labs, Bangalore.
- **Studies on *in vitro* multiplication of rose (*Rosa Hybrida*).**
From: – Department of Biotech., Dayanand post graduate college Hisar, Haryana.
- Summer Job training on **Plant tissue culture and its application (*Jatropha Curcas*).**
From: – Center for Research and Application in plant tissue culture Hisar, Haryana.

Publication

- Poonam, Rani, A., Saharan, R., Chaudhary, T., Makkar, K., Rani, R., & Srivastava, V. (2022). Bacterial Flora of Vegetables Collected from the Supermarket and Vegetable Market. *International Journal of TROPICAL DISEASE & Health*, 43(13), 11-19. <https://doi.org/10.9734/ijtdh/2022/v43i1330634>
- Ritu Saharan and Kanti Prakash Sharma (2019). Isolation, Screening and Identification of Yeast for Pectinolytic Activity” (Published in Annals of Biology).
- Ritu Saharan and Kanti Prakash Sharma (2019). Evaluation of alkaline pectin lyase of *Pseudomonas sp.* for textile industry effluent management (Published in Pollution Research).
- Ritu Saharan and Kanti Prakash Sharma (2019). Production, Purification and Characterization of pectin lyase from *Bacillus subtilis* rsvr isolated from moong beans leaves (*Vigna radiata*) (Published in Biocatalysis and Agricultural Biotechnology, Elsevier)
- Ritu Saharan and Sharma, K.P. (2018). Industrial applications of thermophilic pectinase: a review. *International Journal of Current Research*, 10, (06), 70762-70770.
- Hansa Singh, Ritu Saharan, Kanti Prakash Sharma. (2014). Isolation and Characterization of Amylase producing Bacteria from Diverse Environmental samples. *Journal of Microbiology and Biotechnology Research*, 4, (4), 8-18.

Experience

2 years and 4 months (from Dec. 2009 to March 2012) teaching experience in Siddhartha College of Nursing, Jaipur, Rajasthan.

7 Sessions as Assistant Professor in Dayanand College, Hisar.

Techniques Known

- PCR
- Electrophoresis

- Spectrophotometer
- Chromatography

Computer Awareness

- MS Office
- PowerPoint
- Emails

Skills

- Confident
- Hard working and sincere
- Willingness to learn
- Team Spirit
- Problem solving ability
- Creative and good listener.

Others

- Have passed HTET -2017.

Personal Detail

Name : Ritu Saharan
Date of Birth : 1 July 1984
Husband's Name : Sh. Suresh Kumar Poonia
Gender : Female
Marital Status : Married

Place: Hisar

(Ritu Saharan)