



DR RUCHI URANA

Contact: Distt & Tehsil -Hisar, 125001, Haryana (India)

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Personal Profile

- ✚ Adept at developing safety plans, overseeing implementation as well as conducting field safety survey, site safety surveillance and auditing for compliance.
- ✚ Expertise in Handling High Volume Air Sampler, Ultra sonicator, Nephelometer, COD Digester, Atomic Absorption Spectrophotometer, etc; the high-tech instruments used in environmental monitoring techniques & experiments on soil and air microbiology.
- ✚ Proven abilities to manage multiple assignments efficiently under tight delivery deadlines, ascertaining needs and goals, streamlining existing operations, envisioning new concepts and future trends and following through with development, direction and accomplishment.
- ✚ Demonstrated skills in relationship management and communication coupled with excellent analytical and leadership ability.

Achievements

- ✚ I stood fourth position in Kurukshetra University in M.Sc.
- ✚ I stood forth position in Ph.D. entrance exam.
- ✚ I got first prize in National Integration Camp.
- ✚ Gold medallist in Teikamando.
- ✚ I cleared UGC-NET Exam.
- ✚ I got best poster presentation award in national conference at YMCA Faridabad.

Education

- ✚ B.Sc. (2011) Kurukshetra University Ist Divison (Biotechnology)
- ✚ M.Sc. (2013) Kurukshetra University Distinction (Environmental Science)
- ✚ Ph.D. (2021) Guru Jambheshwar University Ist Division (Environmental Science)
- ✚ B.Ed. (2020) Chaudhary Bansi Lal University

Training Attended

- ✚ Six-week training on “Sampling and Clinical Analysis” from Oscar Pharmaceutical Company, Yamunanagar.
- ✚ Six-week training in G.K. DAIRY AND MILK PRODUCTS (PVT.) LTD. Faridabad.
- ✚ Six-week training on “Sampling analysis” from GABA Hospital, Yamunanagar.
- ✚ Six weeks training on “Remote Sensing and GIS” from Haryana Space Application Centre (HARSAC) CCS HAU Campus, Hisar.
- ✚ Training on “Gas chromatography” for one month from “Avantha Centre for Industrial Research and Development”, Yamunanagar, Haryana.
- ✚ 21 days training on “Technique in molecular Biology & Genetics Engineering” from ABT, COVS, LUVAS, Hisar.

Dissertation

✚ Research work Completed during M.Sc. Course on “Medicinal Flora of Haryana and its applications”.

Thesis

- ✚ Ph.D. research work on “Study on Plant Microbe Interaction during Phytoremediation of Polyaromatic Hydrocarbons by Mucilaginous plants”.

Workshop Attended

- ✚ National Workshop on “Emerging Trends in Nano Science and Biotechnology” in Guru Jambheshwar University of Science & Technology, Hisar Aug-19, 2014.
- ✚ Workshop on “Technology and Innovation Management Key to Effective Commercialization” IN New Delhi on Feb 21, 2017.
- ✚ National Workshop on “Statistical Application in Research Data Analysis” in Guru Jambheshwar University of Science & Technology, Hisar 24-25 Feb, 2017.
- ✚ National Workshop on “State level biosafety Capacity Building workshop” organized by CCS HAU University, Hisar.
- ✚ GIAN Workshop on “application of thermodynamics prediction for development of microbial biotechnology approaches” GJU UNIVERSITY, Hisar.
- ✚ Pre-conference workshop on “Hands on computational Biology for Meta- Genomics Analysis” Central University of Haryana, Mahendergarh.

Publications (Journals)

- ✚ **Urana R. (2017).** “A Study on Medicinal Flora of Yamunanagar” published in International Journal of Science and Research. Impact factor 2014: 5.611, 2015: 6.391.
- ✚ **Urana R., Dahiya A., Sharma P. and Singh N. (2019).** “Effects of Plant Growth Promoting Rhizobacteria on the Phytoremediation of Phenanthrene contaminated sodic soil”. Polycyclic Aromatic Compounds (Taylor and Francis). Impact factor, 2.0.
- ✚ **Urana R., Sharma P. and Singh N (2019).** “Effect of PGPR on growth and photosynthetic pigment of *Trigon Ella foneum- graceum* and *Brassica juncea* in PAH Contaminated soil. S.N.Applied Science.
- ✚ **Panchal, S., Bishnoi. B.S., Urana, R., and Singh N (2021).**

“Optimization of physiochemical conditions for the Phenanthrene degrading consortium NS-PAH-2015-PNP-5”. Polycyclic Aromatic Compounds (Taylor and Francis). Impact factor, 2.0.

Publications (Book)

- ✚ **Urana R., Dahiya A., Sharma P. and Singh N (2020).** A review on rhizoremediation: the plant-microbes interaction enhances the degradation of polyaromatic hydrocarbons. In Microbial services in Restoration Ecology Singh J.S. and Vimal S.R. (Eds): Elsevier, Netherlands.

Skills

- ✚ **Technical:** Expertise in Handling High Volume Air Sampler, Ultra sonicator, Nephelometer, COD Digester, Atomic Absorption Spectrophotometer, etc; the high tech instruments used in environmental monitoring techniques & experiments on soil and air microbiology.
- ✚ **Computer skills:** Windows XP, Office Automation & Internet Application
- ✚ **Interpersonal:** Active member of college Eco-Club.
 - Member of organising team field trip to kalesar National park.
 - Member of organising team for ozone day celebration.
 - Three-day camp national social service.

Work Experience

- ✚ One year experience of teaching in School G.D. GONEKA GLOBAL SCHOOL in Hisar as Teacher of Biology.
- ✚ Three years' experience of teaching UG AND PG students in GURU JAMBHESHWAR UNIVERSITY.

Co-Curricular Activities

Dancing
Swimming
Painting
Playing Badminton

References

- ✚ Prof Praveen Sharma, Dean and Ex- chairperson of Dept. Environmental science & Engineering, Guru Jambheshwar University, Hisar, India E-mail: Praveen.gju@gmail.com
- ✚ Prof Namita Singh , Professor and Ex-chairperson of Dept. Bio-Nano Technology, Guru Jambheshwar University, Hisar, India Email: namitasingh71@gmail.com
- ✚ Prof R Baskar, Professor , IGNOU, Delhi, India E mail: rbaskargjuhisar@yahoo.com

