

CURRICULUM VITAE

Himani rawat

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OBJECTIVE:

Seeking a position to utilize my knowledge, skills, and abilities in the industry that offers competitive environment, a true profession to put in the acquired knowledge and gain exposure to upcoming technologies while being resourceful, innovative and flexible.

EDUCATIONAL QUALIFICATION:

Degree	Board /university	Marks percentage(%)
Secondary	Apollo progressive sr.sec. school palwal, Board of school education haryana	95.4
Senior secondary	Apollo progressive sr.sec. school palwal, Board of school education haryana	87.2
Bachelors in Science Hons. (Microbiology)	Gargi college,Delhi University	68.14
Masters in Science (Microbiology)	Kurukshetra University	69

SUMMER INTERNSHIP:

Training at Delhi technology University for 2 months on biodegradation of DDT and Lindane

Work Experience:-

Currently working as assistant professor in School of allied health sciences, MVN university, Palwal.

Worked as Program coordinator for one year in Pulsus Healthtech (July 2019- November 2020)

Seminars and Workshops:-

1. 5 Day E- FDP on **Quality Accreditation with NAAC and Institutional Preparedness** organized by Madhya pradesh bhoj open University, Bhopal during March 8-12, 2022.
2. 5 Day E- FDP on **Unleashing Research Potential :Global trends and Practices** organized by Galgotias University, Greater Noida, during March 7-11, 2022
3. Online Webinar on "**Converting Research to Patents**" conducted by the Department of Electrical Engineering, J.C. Bose University of Science and Technology, YMCA, Faridabad on 04/03/2022
4. Online Webinar on ""**Best Laboratory Practices**" under Water Education Lecture Series" conducted by the Uttarakhand Science Education and Research Centre (USERC), Dehradun on 22 Jan 2022
5. Webinar on the **Role of Clinical Microbiology in Patient Care & Basics of Medical Microbiology** organized by MedPiper Technologies & JournoMed on 21st January 2022
6. Online Webinar on " **Water Quality and Sustainability**" under Water Education Lecture Series" conducted by the Uttarakhand Science Education and Research Centre (USERC), Dehradun on 11 Jan 2022
7. Online Workshop on **Food Adulteration and Safety** organized by Nabira Mahavidyalaya kator,Nagpur on 23 December 2021
8. 3 days webinar series on "**Know COVID – No COVID**" from 19th to 20th Aug 2021 Organized by Public Health Foundation of India.
9. Webinar on the **Preparedness to Combat Mucormycosis Disease & White Fungus in the setting of COVID-19** organized by MedPiper Technologies & JournoMed on 05 June 2021

Publications:-

1. "**Impact of Sanitizer on Normal Human Microflora:- A Review on Effect of Frequent Use of Sanitizer on Normal Human Microflora**", International journal for research in Applied Science and Engineering Technology, Volume 10, Issue II, February 2022.

MICROBIOLOGY:

- Media preparation for Bacterial Cultures.
- Serial Dilution Method for Bacterial Cultures.

- Pouring, Slant preparation & Streaking on plates.
- Sub Culturing of Microbes.
- Isolation and Culturing of microbes from Soil Sample (Through Serial Dilution Method).
- Isolation and Culturing of microbes from Water Sample (Through Serial Dilution Method).
- Isolation and Culturing of microbes from Air. (Through Exposure Method).
- Biochemical Test for Screening of Microbes.
- Isolation of bacteriophage from sewage water.
- Determination of cell size of microorganisms.
- Staining (endospore, capsular, flagellar, fungal staining with lacto phenol cotton blue, actinomycetes staining and gram staining for bacteria).
- Growth Kinetics of Microbes.
- Antibiotics Sensitivity Test.
- Inoculation and culturing of E. coli.
- Revival of culture.
- Microbial assay of antibiotics by diffusion method.
- Thin layer and paper chromatography.
- ELISA and immunodiffusion.

INDUSTRIAL MICROBIOLOGY (FOOD TECHNOLOGY):

- Estimation of protein by biurette method and Lowry's method.
- Estimation of carbohydrate by DNS method
- MBR test.
- Amylase production

MOLECULAR BIOLOGY:

- Isolation of DNA from microbes.
- To check purity of DNA.

- Plasmid isolation from microbes.
- Agarose Gel Electrophoresis.
- RNA isolation.
- Amplification of Genomic DNA by PCR (polymerase chain reaction).

EQUIPMENT HANDLE

- Autoclave
- Shaker incubator
- Hot air oven
- UV- Visible spectrophotometer
- Gel docs
- ELISA reader
- PCR
- Centrifuges and ultracentrifuges

HOBBIES:

Surfing net, Listening music.

CO-CURRICULUM ACTIVITIES:

- Participated in various college activities like participated in poster presentation at college level.
- Member of NGO umeed a drop of hope
- Volunteering in world cultural fest in delhi organized by shri shri ravishankar ji
- Done an add on course in the role of biotechnology organized by gargi college, delhi University

STRENGTH:

- Strong belief in professionalism, positive attitude and dedication, willingness to learn and implement.
- Quick adoptability to any environment.
- Flexible and Responsible.
- Capability of understanding and implementing modern techniques quickly.
- Self-Motivating and hardworking.
- Optimistic and Sincere.