

LOVELEEN KAUR

Vill./P.O: Aithal, Teh:Laksar Distt: Haridwar, Uttarakhand
Contact No. : +919876193395; Email Id: loveleenbjw@gmail.com

ACADEMIC QUALIFICATION

- **Masters of Science (Biotechnology)**, Department of Biotechnology, Thapar Institute of Engineering and Technology, 2015 – 2017, Patiala, Punjab, India; CGPA- 8.03/10
- **Bachelors of Science (Biotechnology)**, Multani Mal Modi College, Panjabi University, 2012 –2015, Patiala, India; Percentage- 64.6

PROFESSIONAL EXPERIENCE

Designation: Lecturer

Organization: Kunti Naman Institute of Pharma and Technology, Haridwar

Duration: August 2018 – July 2019

Job responsibilities: Lecturer of Microbiology, Biochemistry, Animal Technology for B.Sc students of biotechnology

Designation: Program Coordinator

Organization: Omics International Pvt. Ltd., Hyderabad

Duration: July 2017 – July 2018

Job responsibilities: Handled a conference as event manager, working on ms word and excel, data filtering and email drafting.

ACADEMIC PROJECT

Title: • Impact of Insecticide Cartap Hydrochloride on Bacterial Bio-fertilizers

Location: Sciene and Technology Entrepreneur Park, Thapar Institute of Engineering and Technology, Patiala

Duration: January – July 2017

Team size: 1

Objective: To study the impact of insecticides on the commonly used biofertilizers in difference concentration and different media.

Brief Description: The aim of this project is to check the growth activity of biofertilizers with the presence of insecticide and on the effect of their phosphate solubilisation and nitrogen fixation from their natural production level with the presence of insecticide. Worked on the project by using laminar air flow, autoclave, pH meter, UV-Vis spectrophotometer, water bath, and incubator shaker. Used BIS method by DTNB for to calculate the residual insecticide level, Gordon and Weber method to estimate the indole-3-acetic acid, qualitative method for phosphate solubilisation

TRAININGS

Trainee, Quality Control Microbiologist

Duration: June – July 2016

Location: Medicamen biotech limited, SIDCUL, Haridwar

- Gained practical hands-on experience performing a microbial limit test of packaged products, chemical tests of tablets and cabsules
- Worked on the calibration of instruments such as an incubator, pH meter and documentation

Trainee, Quality Control

Duration: June – July 2014

Location: Milkfed, producers of Verka milk and milk products, Patiala, Punjab

- Gained experience on milk fat testing, curd acidity testing and purity of milk

TECHNICAL SKILLS

- **Biochemical techniques:** Agarose Gel electrophoresis, SDS-PAGE, Thin layer chromatography, HPLC
- **Molecular biological techniques:** Polymerase Chain Reaction, RNA extraction, DNA extraction, Ligation, Transformation, Use of Restriction Enzyme, Microarray, Restriction Fragment Length Polymorphism
- **Bioinstrumentation/Analytical techniques:** Thermocycler, Gel documentation chamber, ELISA reader
- **Immunological techniques:** Total leukocyte count/ Direct leukocyte count, Blood typing, ELISA, Immunoprecipitation techniques, Agglutination based method
- **Plant tissue culture techniques:** MS media preparation, callus initiation, micropropagation
- **Bioinformatics tools:** Restriction mapping, Sequence (FASTA and BLAST) searches, Pairwise comparison of sequences, multiple alignments of sequences, Evolutionary studies/Phylogenetic analysis, Identification of genes in Genomes and Primer Design, Protein databank retrieval and visualization RasMol, Drug designing through the docking
- **Computational Skills:** Microsoft Office Package: (Word, Excel and PowerPoint), Adobe Photoshop

SEMINARS ATTENDED

- 6th National Conference on Recent Advance in Chemical and Environmental Sciences 2013

EXTRACURRICULAR ACTIVITIES

- Participated in:
Inter-Institutional Science Fair, at Multani Mal Modi College, Patiala, October, 19, 2013
Speech competition on Science Fair, at Multani Mal Modi College, Patiala, 2015
- Visited to Morepen Laboratories Ltd.; 6th, Nov, 2015