

HIRANMAY MALIK

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PERSONAL PROFILE

I am an experienced microbiologist with a career focusing on research and laboratory management in Microbiology. Recently, to upskill, I completed my graduate diploma in Resource management with a prime focus to understand the concept and regulations of sustainability in New Zealand. I am a passionate team worker who tries to put ethical and professional work to benefit the organisation and society.

My overseas experience includes research-focused education in microbiology that focused on food safety and pathogenicity. My focus is to utilise my education and knowledge gained to date to develop the organisation and the community.

SKILLS

Technical- Experienced in various microbiological techniques relating to analytical and research concepts. I had been involved in the identification and storing of multiple pathogenic micro-organisms for pharmaceutical compliance.

Team-player- As part of the organisation's requirements, I, along with a team of 6 employees, carried out the compliance of ISO-22716.

Responsibility- I am competent to carry out field/ laboratory trials independently, as demonstrated by my research experience while producing my research thesis.

Communication skills- I focus strongly on unbiased communication that leads to transparency in results and ethical working.

Result-driven- I consistently achieve targets, as can be demonstrated by my previous experience.

MOST SIGNIFICANT ACHIEVEMENTS

- I have recently presented my research work on 'Urban green space of Aotearoa' at the summer internship conference held at Toi Ohomai, Tauranga.
- I submitted a research thesis entitled 'Utilisation of agro-industrial wastes for the biomass production of baker's yeast'.
- I submitted research papers in Current Trends in Biotechnology & Pharmacy and International Journal of Current Microbiology & Applied Sciences.
- Have successfully set up pathogenicity specific setup for laboratory maintenance. It is a primary requirement to obtain a laboratory license in a manufacturing industry.

WORK EXPERIENCE

1. Path lab Lakes Limited- Rotorua

Jan 2021- Current

Medical Laboratory Technician- Specimen services

Responsibilities

- I am looking after specimen services, responsible for the inventory of specimens.
- It includes the segregation of specimens based on type and priority.
- Daily duties include registering patient details into the medical system- Delphic, and further auditing the data for final processing of the samples.
- I also handle, operate and maintain laboratory equipment along with record-keeping for auditing purposes.
- I regularly communicate with doctors, phlebotomists and nurses for laboratory-related assistance.

2. Mor Medics Science & Technologies, Ludhiana, Punjab, INDIA (FULL-TIME)

Sept 2016- Nov 2019

Cosmetic wet wipes company based in Punjab region manufacturing world-class wet wipes for leading brands.

a) Quality Assurance Head

May 2019-Nov 2019 (2nd Promotion)

Responsibilities

- I was responsible for maintaining the water quality standards for better product quality.
- I also maintained compliance approval of wet wipes, both Microbiological as well as Chemical.

Achievements

- We have continually exceeded in auditing various departments for Quality systems on the shop floor.
- I successfully maintained the 'Water Re-generation System' for product quality.

b) Microbiologist and Quality Chemist

Dec 2017-April 2019 (Promotion)

New and additional responsibilities:

- I was responsible for the compliance of all manufacturing equipment as per the production requirements.
- I produced SOPs for the shop floor and processing batch records for the release of the products.
- I was responsible for maintaining microbiological practices in the laboratory, production system, and warehouse for quality compliance according to cGMP.

Achievements

- Regularly achieving targets, both production as well as for Quality systems.

c) Microbiologist and Lab Analyst

Sept 2016-Nov 2017

Responsibilities

- I was responsible for regular analysis of Raw material, Packaging material, Finished goods, Semi-finished goods and Purified water as per the guidelines of Indian Pharmacopeia.

Achievements

- I completed training at The Himalaya Drugs Company (Parent company) for Microbiological Techniques on 28.08.2016.

VOLUNTARY ROLES

1. Forest and Bird- Rotorua

June 2020- Current

Informal volunteering in the various restoration activities using pest control methods to mitigate the spread of different invasive mammal species of New Zealand.

2. Rotorua Library- Rotorua

July 2020- Nov 2020

Working with the local community as a 'technology mentor' helping with their day to day technology shortcomings.

3. Koharoa Kokako Trust- Rotorua

July 2020- Current

Working with the trustees/local community with a view of sustainable development of the natural environment.

EDUCATION AND QUALIFICATIONS

2019- 2020

Graduate Diploma in Resource Management, Rotorua, New Zealand.

2014-2016

M.Sc. Microbiology, Punjab Agricultural University, Ludhiana.

2011- 2014

B.Sc. Microbiology, Punjab Agricultural University, Ludhiana.

INTERESTS

- Keen interest in photography. I click scenic, portrait and candid photography. New Zealand is amongst the best places to fulfil the passion for photography.

- Keen interest in the Māori spiritual/ cultural connection with the natural resources of New Zealand.
- Keen interest in sports like basketball, cricket and football. Team member in University cricket and basketball team. Ross Taylor being my Cricketing Idol.
- Team member in Rotorua cricket club- Strikers 11.
- Interest in cultural events like organising choreographies, mime, festival events and group collaborations.

REFERENCES AND RECOMMENDATIONS

- Steven Bell, HOD- Specimen services- Path Labs, Rotorua, +(64)-27 323 4452, steven.bell@pathlab.co.nz.
- Dr Craig Morley Associate Professor Resource Management (Toi Ohomai Institute of Technology) +64 7 346 8787, Craig.Morley@toiohoma.ac.nz.