



Amiteshwar Kaur Bhasin

Microbiologist-Researcher

Master of Technology in Bio-technology

Bachelor of Technology in Bio-technology

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A highly organized and hard-working individual looking for a responsible position to gain practical experience and to make use of my interpersonal skills to achieve goals of a company. Utilize my technical skills and provide professional services to customers by applying and honing my knowledge and working in a challenging and motivating work environment. Self-motivated, hardworking, open-source enthusiast, passionate about working in a challenging environment, sharpening my skills and applying my learnings for the betterment of society and focusing on organizational and individual growth.

Education

Period	Degree/Examination	Institution/Board	CGPA/Percentage
2020-2022	Master of Technology in Bio-technology Engineering	Thapar Institute of Engineering and Technology, Patiala	8.05 / 10
2016-2020	Bachelor of Technology in Bio-technology Engineering	Thapar Institute of Engineering and Technology, Patiala	7.16 / 10
2014-16	Senior Secondary (12th Grade)	Blossoms School, Patiala (Punjab) CBSE	82 %
2014	Matriculation (10th Grade)	Our Lady of Fatima Convent Secondary School, Patiala (Punjab) CBSE	10 / 10

Professional and Research Experience

Isolation and characterisation of Lactobacillus species isolated from gut bacteria and study of its physio-chemical stress tolerance

Lead Researcher | (July 2021- August 2022)

The approach entails isolation, and characterization of commensal probiotic strains(s) from human luminal matter, followed by characterization of these using different factors like tolerance towards temperature, acid, bile, pH and antibiotic stresses.

Mother Dairy Fruit and Vegetable Pvt. Ltd

Quality Assurance and Quality Control Intern (July 2019 - December 2019)

- (i) Worked in the quality control and quality assurance unit of powdered milk, ghee, butter, ice creams.
- (ii) Handling the workload of the number of samples coming for testing.
- (iii) Preparing the data sheet of the samples passing the tests from different sources.

Orbit Biotechnology

- (i) Isolation of probiotic bacteria from Yakult and performing various tests on bacteria isolated.
- (ii) Quality tests on different food samples.

Skills

Core Skills	Bacterial Isolation and Culturing Handling Probiotic Microorganisms Bacterial Bacterial Bacterial Identification(Gram staining and Catalase testing) Quality Control (QC)(sampling, determining the quality of the product, process control) Quality Assurance (QA)
Other Skills	Graphpad Prism 8 Quality Supervision Quality control and Assurance Laboratory Operations Beginner medical coding Beginner SAS programming Microsoft Word Microsoft Excel Microsoft PowerPoint
Linguistic proficiency	English (SRW), Hindi (SRW), Punjabi (SRW)

Awards and Recognitions

- Published thesis on the project Isolation and characterisation of Lactobacillus species isolated from gut bacteria and study of its physio-chemical stress tolerance.
- Won first prize in the quiz organised during Pharmacovigilance, ACI, Chandigarh workshop based on case studies
- Awarded by CBSE for scoring 10 CGPA in class 10
- Qualified NEET with 80 percentile

Qualities

- Quick Learner and strong team player
- Helpful and positive attitude.

Hobbies

- Reading books
- Cooking
- Listening to music
- Dancing

Positions of Responsibility

- Core member** | Youth United, 2018, 2019
 - Helping the unprivileged kids and guiding them.
 - Helping poor and needy people by running and managing several campaigns, supported by TIET
 - Organising Daan Utsav, the flagship event of Youth United
- Core member** | Gene Society
 - Helped to organise inter-college events in the field of biotechnology
- Core member** | Prayavaran Society