**CUMULATIVE VITAE**

# MUSKAN TYAGI

## Personal Information

* **Address:** 26- Bharola, New Sabzi Mandi, Azadpur, Delhi -110033
* **Date of Birth:** Two January Two Thousand One
* **Nationality:** Indian
* **Languages Known**: Hindi And English
* **Marital Status**: Unmarried
* **E-mail:** tyagimuskan0402@gmail.com
* **Contact No.** +91 7302929084

## Career Objective

I am seeking a dynamic opportunity to apply my skills and knowledge in a competitive environment. I am eager to leverage my abilities, embrace new technologies, and contribute innovatively and adaptably to drive organizational success.

## Education

|  |  |  |  |
| --- | --- | --- | --- |
| **Qualifications**  | **School/University**  | **Percentage/CGPA**  | **Passing Year**  |
| Master of Science (Biochemistry)  | Galgotias University, Greater Noida  | 9.43 CGPA  | 2022-2024  |
| Bachelor of Science (Biochemistry Honors)  | Galgotias University, Greater Noida  | 9.18 CGPA  | 2019-2022  |
| Intermediate  | Bal Vidhya Mandir Sr. Sec. School, Sambhal  | 75.8%  | 2018  |
| High School  | Bal Vidhya Mandir Sr. Sec. School, Sambhal  | 8.4 CGPA  | 2016  |

## Work Experience

**Patent Consultant (IPR), Innove Intellects, Noida- 201301** 02/09/2024 – Present

Responsibilities

* Patent searching
* Patent filing
* Market research
* Data Mining
* Design and copyright filing.

**DIPAS, DRDO, Lucknow Road, Timarpur, Delhi-110054** 02/01/2024 – 30/06/2024 M.Sc. Dissertation

**Work Title:** *Assessment of Mineral Status in Human and* In-vitro *Model*

I have worked in Military Nutrition Lab for 6 months.

**Oriflame India Pvt Ltd, Noida- 201305** 06/01/2022 – 06/05/2022B.Sc. Dissertation

**Work Title:** *Quality Analysis of Skincare Products*

I have worked as an intern in QA/QC and Packaging department for 4 months.

## Publications

* Ragini Surolia, \*Muskan Tyagi\* & Anuradha Singh. Suistainable Food Systems (Springer Vol.1), A Holistic Approach: Exploring Pre, Pro, Syn, Post and Paraprobiotics in Suistainable Diets (2024),177-190.

* Research Paper Accepted- Vahid, Sarita Mallik\* and Muskan Tyagi. Isolation and Identification of Bacteriocin Producing Microbial Strains from Rhizophere Soil.

## Key Technical Skills

* Maintained and propagated various cell lines using aseptic technique in cell culture experiments.
* Performed Western blotting experiments to analyze protein expression levels in biological samples.
* Proficient in Biochemical analysis likeBradford assay & ELISA.
* Familiar with bioinformatics tools such as BLAST and PyMOL for sequence analysis.
* Proficient in Microsoft Office Suite (Word, Excel, PowerPoint) for document creation, data analysis, and presentations.
* Familiar with GraphPad Prism for graphing.
* Experienced with ICP-MS for quantitative analysis of trace metals in diverse sample types.

## Certifications

* Workshop on Bioinformatics & Molecular Biology Techniques 10/2023 - (5 days)

 Source: Galgotias University

* Recent Advancements in Biological Sciences 06/2023 - (10 days)

 Source: University of Delhi

* Molecular Taxonomy and DNA Barcoding 05/2022 - (1day)

 Source: R.D. & S.H. National College and S.W.A. Science College

* Computational and graphical tools 03/2023 - (4 days)

 Source: Galgotias University

* International Webinar on Present Pandemic and Bioinformatics 05/2020 - (1 day) Source: Janta Vedic College Barut, Bhagpat, U.P.

## Strength

* Soft skills as communication, teamwork, problem solving, adaptability and time management.
* Analytical skills as ability to analyze data and draw meaningful conclusions.
* Capacity to approach challenges creatively.
* Good verbal and written communication in both Hindi and English.
* Teamwork and leadership with critical thinking.

## Reference

**Dr. Som Nath Singh Pooja Kumar**

Scientist ‘G’ Founder & CEO

Department of Soldier Performance Registered Patent Agent – IN/PA 1838

DIPAS-DRDO Innove Intellects

nutrition-dipas@hotmail.com pooja@innoveintellects.com

## Declaration

I declare that the information provided in this CV is true and accurate to the best of my knowledge.