




# SAHANA S KULKARNI

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English, Hindi, Kannada 



## OBJECTIVE

To pursue a challenging career and to be part of progressive organization that gives scope to enhance my knowledge and utilize my skills towards the growth of organization.



## EDUCATION

**Manipal Institute of Technology, School of Eminence** | Manipal, India  
*Master's in technology, Industrial Biotechnology, (July 2019 – July 2021)*  
GPA- **8.83**

**G M Institute of Technology** | Davanagere, India  
*Bachelor's in engineering, Biotechnology Engineering, July-2018*  
Percentage- **71.23**

**Kirloskar Independent PU College** | Harihar, India  
*Pre-university college, May 2014*  
Percentage-**75.16**

**Mysore Kirloskar CBSE School** | Harihar, India  
*Secondary school, May-2012*  
CGPA-**8.6**



## EXPERIENCE

**Research Associate, Dept. R&D** | **Gaiagen Technologies Pvt Ltd, Bengaluru**  
JULY 2021 – APRIL 2022  
Responsible for the artificial cultivation of 12 different organism. Planning and execution of protocols as per requirement in specified time. Documentation of experimental results

**Research Intern, Dept. R&D | Gaiagen Technologies Pvt Ltd, Bengaluru**

AUGUST 2020 – JUNE 2021

Project and working experience on different Plating, Extraction and Fermenting techniques along with other Microbiology Lab Techniques.

**Process Intern, Dept. of Process and Technology | KMF, Davangere**

AUGUST 2020 – SEPTEMBER 2020

Working experience with Dairy plant operations, processing and quality control.

**Teaching Assistant, Dept. of Biotechnology | MIT, Manipal**

2019 – 2020

Project on “Isolation and Screening of fungus producing inulin from compost.”  
Funded by **VGST, Govt. of Karnataka**.

**Lab Associate, QA/QC | Synthite Industries Pvt Ltd Harihar**

MAY 2019 – JULY 2019

Working experience with **Gas Chromatography** and **HPLC**. Knowledge on QA laws and certificates, different downstream processes.

**Intern, Processing | PSK Pharma Pvt Ltd, Harihar, Karnataka**

JULY 2016

Knowledge on the extraction, **Reactor operation and Control**, process flow and control.



**PROJECTS**

- **Biosorption of heavy metals and bio diesel production from microalgae using industrial waste water.**

Sponsored and funded by **Karnataka State Council of Science and Technology, Indian Institute of science, Bengaluru.**

- **Natural microbial safety of baked food-Review**

**Central Food Technological Research Institute, Mysore. From CSIR Summer Research Training Program.**

- **Low-cost cultivation technology development for medicinally important mushrooms.**

**Bio-control Research Laboratory, Gaiagen technologies Pvt Ltd,**  
Bengaluru.



## **SKILLS**

- HPLC and GC/MS
- Gene cloning and RT-PCR
- Basics of R Programming
- Protein purification
- Isolation of DNA and extraction
- Upstream process & scale-up
- Accurate even under pressure
- ELISA, SDS-PAGE
- Culture isolation and purification Techniques
- Flow cytometer



## **ACHIEVEMENTS AND CERTIFICATIONS**

- Holder of **NCC A, B and C certificates.**
- Underwent Entrepreneurship Development Program (EDP) conducted by **MSME development Institute, Bengaluru.**
- Completed junior grade certificate in **Carnatic music and classical dance (Bharatanatyam),** State Govt. of Karnataka.
- Gave a radio show and many dance performances.
- Completed a course on **Lactation Biology** from University of Illinois.
- Completed a course on **Algae Biotechnology** from University of Emory.
- Represented Departmental Forum '**GENELIX**' for three academic years in GMIT.

I hereby declare that the above given information is true to the best of my knowledge

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## **REFERENCE**

Dr. Swarnendu Chandra (Employer)  
Senior scientist, R&D Microbiology and Mycology  
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