

Curriculum Vitae

GOBINATH M
BIOTECHNOLOGIST
8608225426
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Profile

Secure a responsible career opportunity to fully utilize my training and skills, I have an active and dynamic approach to work and getting things done and making a significant contribution to the success of the firm.

Areas of interest

- Bioprocess Technology
- Downstream Processing
- Analytical methods & Instrumentation

Technical skills

- Fermentor Scaleup (lab Scale, Pilot Scale & production Scale)
- Concentration (Filtration & Chromatographic techniques)
- Strain Development and Cell culture
- Experience in BSL-2

Instrument Handling

- Bioreactor
- Lyophilizer
- HPLC
- ThermoGravimetric Analyzer

Software Handling

- Microsoft Office
- Design-Expert
- OriginLab
- Adobe photoshop

Strengths

- Problem solving capabilities
- Able to work on a rotational shifts

Experience

- **PASTEUR INSTITUTE OF INDIA, COONOOR** (Mar 2023 – Jan 2024)
 - ✓ Operation of all equipment's in cGMP- Pertussis Vaccine Department.
 - ✓ Operation and troubleshooting of Fermentor (25L to 500 L).
 - ✓ Operation of Equipment's - Microfiltration cum Heat Inactivation System, MPT, BPT, Blending vessel, CIP & SIP of all systems.
 - ✓ Upstream Processing - Seed revival, Media preparation & Buffer preparation.
 - ✓ Downstream Processing – Concentration & Heat Inactivation, Blending.
 - ✓ Integrity testing of Hydrophilic and Hydrophobic filters.
 - ✓ Operation of SAT & DAT.
 - ✓ Maintenance of GMP documents – BPR & General Records.

Academic Qualification

- **Bannari Amman Institute of Technology**
Sathyamangalam
M.Tech., Biotechnology - 2023
CGPA – 8.48
- **KIT- KalaingarKarunanidhi Institute of Technology**
Coimbatore
B Tech., Biotechnology - 2021
CGPA - 7.43
- **CAM Boys Higher Secondary School**
Tiruppur
HSC - 2017
Percentage – 79%
- **CAM Boys Higher Secondary School**
Tiruppur
SSLC - 2015
Percentage – 92%

Projects

- Completed a project work entitled “**Green synthesis of silver doped manganese oxide nanoparticle: Degradation of antibiotic in industry effluent**”. (2023)
- Worked on a mini project entitled “**Synthesis of copper nanoparticles using *Catharanthus roseus* as reducing agent and its potential anti-cancer activity**”. (2022)
- Worked as a project lead entitled “**Pilot-Scale optimization on production and purification of antidote from *Bacillus sonorensis* PS7: RSM based approach**”. (2021)
- Worked on a mini project entitled “**Isolation and Identification of industrially important microorganisms**”. (2019)

Internships

- Attended one month training on “**Computer aided Drug Discovery**” conducted by NyBerMan Bioinformatics - Molecular docking and simulation. (2022)
- Project Intern at Dhanajeevam Life Sciences, Coimbatore. (2021)
- Attended a fifteen days internship in “**Enzyme production**” at Scientific Testing and Analytical Research (STAR Laboratory), Coimbatore. (2019)
- Ten days of industrial exposure in “**Microbial and Molecular Biology Techniques**” at AWE CARE Research Laboratories, Erode. (2019)
- Attended a ten days internship in “**PCR and Molecular Biology Techniques**” at Abbes Biotech, Coimbatore. (2018)

Achievements

- Participated in Training program “**Analytical Techniques using Advanced Research Instruments and its applications in Environmental Science**”, Organized by DST - STUTI, at Osmania University, Hyderabad.
- Presented an article and won 3rd prize in National Conference “**CSBHE – 2019**” Conducted by Noorul Islam Deemed University, Nagercoil.
- Won 1st prize in cultural fest “**kalam - 2019**” conducted by Sri Sakthi Institute of Engineering and Technology, Coimbatore.
- Participated in National Conference on “**Trends in Green Biotechnology**” (TriGB 2020), at Sastra Deemed to be University, Tanjore.
- Organized “**Young Innovators – 2019**” as district captain for The Nilgiris district on behalf of EDII, Government of Tamilnadu.

Personal Details

- Date of birth: 04-10-1999
- Father's name: MURUGANANTHAM K
- Mother's name: THANGAMANI M
- Address: 13, R S Puram, 1st Street, Palayakadu,
Tiruppur - 641607
- email ID: gobinathashok5@gmail.com
- LinkedIn: <https://www.linkedin.com/in/gobinath-muruganantham-127313171>
- Languages known: Tamil (Native)
English (Fluent)

Declaration

I hereby solemnly declare that all the above furnished information is authentic to the best of my knowledge and belief.

Place: Coonoor
Date: 09-11-2024


Signature