**Curriculum vitae**

 ****

M.AKASH

1/34, New sevabharathi, salt road,

Nagapattinam -611001.

 Email ID: makash18061999@gmail.com

Contact No: 8825707082



# Career objective

To initiate my career in a reputed company and to present my expertise as a biotechnologist and my potential for the organization's growth.

# Educational qualification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Class/ Degree** | **Subject** | **Board of Education****/university** | **Year** | **Percentage/ mark** |
| B. Tech | Biotechnology | TamilnaduDrJ.JayalalithaFisheries University(Institute of fisheries biotechnology) | Nov - 2021 | 7.01 OGP |
| HSC | Maths, Physics, Chemistry, Biology | Rajavignesh Hr Sec school Melamathur (po) perambalur (Dr) | March -2017 | 89% |
| SSLC | Maths, Science,Social science | Rajavignesh Hr Sec school Melamathur (po) perambalur (Dr) | March-2015 | 89.4% |

## Participation

* Participated in the National Webinar on **“FEED CERTIFICATION”** funded by National fisheries Development Board (NFDB) under PMMSY, organized TNJFU, OMR campus, vaniyanchavadi, Chennai.
* Participated in the training programme on **“Personality Development”**

jointly organized by TNJFU and SMART series, Bangalore.

* Participated in one day industrial visit in ***“*Golden jubilee Biotechnology Park for women Society*”***on 19/12/2018 at Siruseri, Chennai.
* CHOLA AQUA 18 National Workshop on “**Scientific and Social challenges in Industrial Aquaculture” on 25/09/2021**.

## Honors and Rewards

* Runner-up in intercollegiate volleyball tournament of TNJFU held at Fisheries college and research institute in ponneri. (2019)
* Winner in college volleyball tournament of IFBT, Chennai. (2018)

## Experience

 Working as a **Junior scientific officer** in molecular biology department of **SRL Diagnostic Limited,** for a period of 1 year (still working).

 **WORK PERFORMANCE:**

 BIO RAD CFX96 PCR plate, CEPHEID GENEXPERT, VITEK, BACTECH, AFB Staining , BACTERIAL CULTURE, ELISA.

 **VIRAL LOAD QUANTIFICATION**

HIV (Human Immunodeficiency Virus)

HBV (Hepatitis B virus)

HCV (Hepatitis C Virus)

CMV (Cytomegalovirus)

BKV (BK VIRUS)

EBV (Epstein Barr Virus)

**Qualitative assay**

 COVID-19, H1N1 , InfA , InfB, RSV(RESPIRATORY SYNCYTIAL VIRUS),InfA-H3N2.

**SEROLOGY TEST**

Dengue IgG, IgM, NS1 - ELISA

ASO

CRP Latex agglutination

RF

RPR-Flocculation

WIDAL-Tube agglutination

HIV-Immuno concentration, immune filteration

SCRUB TYPHUS-Immuno chromatography

Leptospira antigen test(IgG, IgM)

## Training

* Hands-on training in **Real Time PCR** and **Sanger sequencing** conducted at Shrimpex Biotech Services PVT LTD, Chennai.
* Hands-on training in Cage culture at poondi reservoir.

**UG Projects**

* **DNA barcoding** of marine fishes from kovalam coast, Tamil Nadu.

# Technical skills

* PCR (Polymerase chain reaction)
* Molecular techniques (DNA Isolation by salting out method, phenol chloroform method)
* Tissue culture techniques (Callus induction)
* Instrument’s handled (FTIR, Nanodrop, UV Spectrophotometer,

Chromatography techniques, Freeze drying- Lyophilizer)

* SDS Page (Western blot)

**Computer skills**

* Microsoft Office (Word, Excel, Powerpoint)
* Covid SRF ID creation
* ICMR Entry.

# Personal profile

**Name** M.AKASH

**DOB** 18/06/1999

**Age** 22 years

**Gender** Male

**Marital Status** Unmarried

**Parent’s name** C. Mahalinkam

**Nationality** Indian

**Language known** Tamil & English

 **Address for communication:** 1/34,New sevabharathi , salt road, Nagapattinam-611001

# Declaration

I hereby declare that all the information provided above is correct to the best of my knowledge.

**Date: 30.01.2023**

# Place: Nagapattinam (AKASH M)