

# ANAKHA ROY V V

I am an efficient Biotechnology post graduate with 4+ years of experience in Molecular biology at Beaks Avian Molecular Diagnostics, A great motivator who thrives off positive and seeks opportunities to continue learning and growing. Demonstrates exceptional problem solving skills by responding quickly to problems and generating effective solutions. Excellent work ethic, motivated to perform well both individually and in a team context. Maintains a thorough grasp of industry trends and research innovations.

## WORK EXPERIENCE

### Technical Associate

BEAKS AVIAN MOLECULAR DIAGNOSTICS ,EDAPALLY

July 2018 – February 2023 till date.

- ◆ Preparation of sample labels ,solutions for sample analysis
- ◆ To conduct routine sample analyses in compliance with applicable methods,protocols.
- ◆ Extraction and DNA isolation of the sample
- ◆ Centrifugation of the sample
- ◆ PCR amplification
- ◆ culture preparation
- ◆ Operation, calibration and analyse the efficacy of various lab experiments. maintenance of laboratory equipment like centrifuge, PH meter, PCR , Gel Electrophoresis ,Autoclave, Hot air oven, Microscope, Laminar air flow.

### Research Experience

- ◆ BSc Project: Worked on the “Phytochemical screening and molecular identification of indigenous medicinal plant saraca asoca” as part of the B.Sc. Final year project, under the guidance of Dr. Sharrel Rebello,UniBiosys Biotech Research Labs
- ◆ MSc Project : Worked on A comparative study on effect of different abiotic stress of Vigna radiate (Mung Bean) and Vigna unguiculata (Cow pea)by quantitative measurement of parameters like chlorophyll, flavonoid and phenol content as part of M.Sc. Final Year project,Under the guidance of Mrs. Geethu Paul Lecturer,Department of Biotechnology,U.C.College Aluva.

## ACHIEVEMENTS

- ◆ Participated in the seminar with the focal theme ‘Genetically Modified crops and Food Security-Issues and Prospects at MES College Marampally
- ◆ Participated in International Ozone Day Observance with the Focal theme ‘ A Healthy atmosphere, The future We Went conducted by Department of Biosciences, MES College Marampally,Aluva
- ◆ Participated in the State level seminar and Workshop on ‘Biological Techniques’ held at Mar Athanasius College, Kothamangalam.

## CONTACT

+91 9895520047

anakharoy.v@gmail.com

<https://www.linkedin.com/in/anakha-roy-41a1b111a>

Arukattu(H), Njarakkal P.O.  
Ernakulam,Pin: 682505, Kerala

## SKILLS

- ◆ Biochemical analysis
- ◆ Microbiological techniques
- ◆ Molecular Biology techniques
- ◆ Plant Tissue culture
- ◆ Instrumentation
- ◆ MS Office
- ◆ Team Work
- ◆ Leadership

## LANGUAGE

---

- ◆ English
- ◆ Malayalam
- ◆ Tamil
- ◆ Hindi

- ◆ Participated in the UGC sponsored National seminar on “The Immune System : In Health and Disease” organized by the post graduate department of Zoology, Union Christian College ,Aluva
- ◆ Participated in VIT- BIOSUMMIT '16 at VIT University Vellore, Tamil Nadu.
- ◆ Successfully Completed ISO 22000:2005, Food Safety Management Systems- Requirements for any Organization in the food chain, Awareness Training Programme Conducted by INDOCERT on 22nd and 23rd February 2012 At UC college Aluva.

## EDUCATION

---

### MASTER OF BIOTECHNOLOGY

2015 - 2017

Union Christian College - Kerala, India | Mahatma Gandhi University

### BACHELOR OF BIOTECHNOLOGY

2012- 2015

Muslim Education Society College - Kerala, India | Mahatma Gandhi University

### HIGHER SECONDARY EDUCATION

2009 - 2011

Sahodharan Memorial Higher Secondary School- Kerala, India | Kerala Board of Higher Secondary Examination

### HIGH SCHOOL EDUCATION

2009

St.Augustine's Girls High School- Kerala, India | Kerala Board of Public Examination

## DECLARATION

---

I here by declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Anakha Roy V V