

CURRICULUM VITAE

AMBILY JACOB

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OBJECTIVE :

Seeking a position to utilize my knowledge, skills, and abilities in the industries, hospitals, laboratories as well as in teaching field that offers competitive environment, a true profession to put acquired knowledge and gain exposure to upcoming technologies while being resourceful, innovative and flexible.

PROFESSIONAL QUALIFICATION :

Master of Science in Microbiology (First Class)

PERSONAL DETAILS :

Date of Birth : **06 July 1993**
Sex : **Female**
Marital Status : **Married**
Nationality : **Indian**
Languages Known : English, Malayalam, Hindi (speak, read and write) Tamil (speak)

EDUCATIONAL QUALIFICATION :

COURSE	YEAR OF PASSING	UNIVERSITY/BOARD	INSTITUTION	MARKS
MSc. Microbiology	2018	M.G.UNIVERSITY	P.G.M. College Kangazha, Kottayam, Kerala	First Class
BSc. Medical L Microbiology	2015	M.G.UNIVERSITY	S.M.E.Gandhinagar, Kottayam	First Class (1st Rank)
HSE	2011	STATE BOARD	St. John.N.H.S.S. Kozhuvanal	83%
SSLC	2009	STATE BOARD	St. John.N.H.S.S. Kozhuvanal	90%

ACHIEVEMENTS :

Got First Rank in BSc. Medical Microbiology, 2015 from MG University, Kottayam.

EXPERIENCE (2 years) :

- Internship at M.O.S.C. Medical College Hospital Kolenchery, Ernakulum, Kerala.
- Worked as Microbiologist at Bharath Hospital Kottayam, Kerala.
- Worked as Microbiologist at PDS organic spices,Idukki,Kerala.

ACADEMIC PROJECT DETAIL :

Done project work on “Compatibility studies of bio agents *Trichoderma harzianum* and *Beauveria bassiana* with selected pesticides used in small cardamom” at Indian Cardamom Research Institute (ICRI), Myladumpara, Idukki, Kerala.

TECHNICAL PROFICIENCY IN LAB :

MICROBIOLOGY :

- Isolation and identification of bacteria. Media preparation for Bacterial Cultures
- Serial Dilution Method for Bacterial Cultures. Culturing of Microbes including Mycobacterium.
- Isolation and Culturing of microbes from Soil, Water and Air.
- Sampling and processing of clinical specimens like Urine, Sputum, Pus, Faeces, CSF, Blood and other body fluids.
- Biochemical Test for Screening of Microbes. Isolation of antibiotic resistant microbes from soil.
- Staining (Endospore, Capsular, Flagella, AFB staining, Fungal staining with Lacto Phenol Cotton Blue and Gram staining for bacteria).
- Fluorescent and Compound Microscopy ,Antibiotic Sensitivity Test.

IMMUNOLOGY :

- ELISA –Manual and Machine
- ASO, CRP, RA & Paul Bunnell Test
- Widal test
- Weil Felix Test
- VDRL

INDUSTRIAL MICROBIOLOGY (FOOD TECHNOLOGY) :

- Estimation of protein by Biuret method and Lowry's method.
- MBR test.
- Amylase production.
- Wine production.
- MPN Test
- Estimation of spoiled food Water
- Purity

MOLECULAR BIOLOGY :

- Isolation of DNA from microbes.
- Agarose Gel Electrophoresis.

EQUIPMENTS HANDLED :

- ELISA Machine
- Vitek and Bactec system
- Autoclave & Hot Air Oven
- BOD incubator
- Colony counter
- UV- Visible spectrophotometer
- ELISA reader
- Centrifuges and ultracentrifuges

HOBBIES :

Surfing Internet, Listening Music, Poem Writing.

CO-CURRICULUM ACTIVITIES :

Participated in various college activities conducted by All Kerala Medical Microbiologists and Biochemistry Students (AMMBS) at degree level and was the president of Microbiology students Association at college.

STRENGTH :

- Strong belief in professionalism, positive attitude and dedication, willingness to learn and Implement.
- Quick adoptability to any environment.
- Flexible and Responsible.
- Capability of understanding and implementing modern techniques quickly.
- Self-Motivating and Hardworking.
- Optimistic and Sincere

DECLARATION :

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Ambily Jacob