

CURRICULUM VITAE

AMBILY JACOB

Vellara (h), Kozhuvanal (PO),
Pala, Kottayam (Dist.), Kerala.

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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 in the acquired knowledge and gain exposure to upcoming technologies while being resourceful, innovative and flexible.

PROFESSIONAL QUALIFICATION:

Master of Science in Microbiology. (Result waiting)

PERSONAL DETAILS

Age and Date of Birth	25 (6 July 1993)
Sex	Female
Marital Status	single
Nationality	Indian
Languages Known	English, Malayalam, Hindi (speak, read and write) Tamil (speak)

EDUCATIONAL QUALIFICATION:

COURSE	YEAR OF PASSING	UNIVERSITY/BOARD	INSTITUTION	MARKS
M.Sc. Microbiology	2018	M.G. UNIVERSITY	P.G.M. College, Kangazha, Kottayam	
B.sc. Medical microbiology	2015	M.G. UNIVERSITY	School of Medical Education, Kottayam	1 st Class
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

INTERNSHIP:

Internship training at M.O.S.C. Medical College Hospital Kolenchery, Ernakulum, Kerala.

ACADEMIC PROJECT DETAIL:

Done three months project work on “Compatibility studies of bioagents *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.

Pouring, Plugging, Slant preparation & Streaking on plates.

Culturing of Microbes including Mycobacterium culture

Isolation and Culturing of microbes from Soil ,Water and Air.

Sampling and processing of clinical specimens like urine, sputum, pus, feaces, CSF, blood and other body fluids.

Biochemical Test for Screening of Microbes.

Isolation of antibiotic resistance microbe from soil.

Staining (endospore, capsular, flagellar, AFB staining, fungal staining with lacto phenol cotton blue, actinomycetes staining and gram staining for bacteria).

Fluorescent and compound Microscopy

Antibiotics Sensitivity Test.

IMMUNOLOGY

ELISA –Manual and Machine

ASO, CRP, RA & Paul Bunnel Test

Widal Test

Weil Felix Test

VDRL

INDUSTRIAL MICROBIOLOGY (FOOD TECHNOLOGY):

Estimation of protein by Biurette 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 net, Listening music, poem writing.

CO-CURRICULUM ACTIVITIES:

Participated in various college activities conducted by All Kerala Medical Microbiologists and Biochemistry Student (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

