

CURRICULAM VITAE

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OBJECTIVE:

Seeking a position to utilize my knowledge, skills, and abilities in the industry 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.

EDUCATIONAL QUALIFICATION:

DEGREE	YEAR	COLLEGE/SCHOOL	PERCENTAGE
M. Sc (Microbiology)	2011-2013	Idhaya college for women, Kumbakonam	91%
MBA(Concurrent)	2011-2015	Idhaya college for women, Kumbakonam	70%
B. Sc (Microbiology)	2008-2011	Idhaya college for women, Kumbakonam	82%
HSC	2008	SKSDSHSS, Thiruppanandal	68%
SSLC	2006	SKSDSHSS, Thiruppanandal	77%

SUMMER INTERNSHIP:

Industrial training at ISO CERTIFIED Indian Agricultural Research Institute (IARI),
Adudurai (Tamilnadu)

ACADEMIC PROJECT DETAIL:

Done months project work on “A STUDY OF ANTIMICROBIAL AND PROBIOTIC ACTIVITIES OF PUMPKIN AGAINST *Lactobacillus* Sp., at college level in M.Sc Microbiology.

TECHNICAL PROFICIENCY IN LAB:

MICROBIOLOGY:

- Media preparation for Bacterial Cultures.
- Serial Dilution Method for Bacterial Cultures.
- Pouring, Plugging, Slant preparation & Streaking on plates.
- Sub Culturing of Microbes.
- Isolation and Culturing of microbes from Soil Sample (Through Serial Dilution Method).
- Isolation and Culturing of microbes from Water Sample (Through Serial Dilution Method).
- Isolation and Culturing of microbes from Air. (Through Exposure Method).
- Biochemical Test for Screening of Microbes.
- Isolation of antibiotic resistance microbe from soil.
- Isolation of bacteriophage from sewage water.
- Staining (endospore, capsular, flagellar, fungal staining with lacto phenol cotton blue, actinomycetes staining and gram staining for bacteria).
- Growth Kinetics of Microbes.
- Antibiotics Sensitivity Test.
- Inoculation and culturing of E. coli.
- Revival of culture.
- Microbial assay of antibiotics by diffusion method.
- Thin layer and paper chromatography.
- ELISA and immunodiffusion.

INDUSTRIAL MICROBIOLOGY (FOOD TECHNOLOGY):

- Estimation of protein by biurette method and Lowry's method.
- Estimation of carbohydrate by DNS and anthrone reagent method.
- Estimation of fats by Gerber method.
- MBR test.
- Amylase production.
- Wine production from grapes juice in college laboratory.

MOLECULAR BIOLOGY:

- Isolation of DNA from microbes.
- To check purity of DNA.
- Plasmid isolation from microbes.
- Agrose Gel Electrophoresis.
- RNA isolation.
- SDS-PAGE for proteins.
- RFLP (Restriction fragment length polymorphism).
- Amplification of Genomic DNA by PCR (polymerase chain reaction).
- Competent cell preparation.

EQUIPMENT HANDELED:

- Autoclave
- BOD incubator
- Shaker incubator
- Hot air oven

- Colony counter
- UV- Visible spectrophotometer
- Gel docs
- ELISA reader
- PCR
- Centrifuges and ultracentrifuges

EXPERIENCE :

- ❖ **Medical Coder (Inpatient - Parallon)** in Omega Healthcare Management Pvt Ltd at Trichy as on **26 June 2013 to 8 Jan 2015.**
- ❖ **Medical Lab Technician** in Swasti Laboratory and Diagnostic Centre at Kumbakonam as on **26 Jan 2015 to 01 Nov 2015.**

- Culture work (Manual)
- Collecting blood
- Collecting Data report
- Biochemistry test
- ECG work
- Operating Biomeriux machine for microbiology work.
- Blood pressure checking

HOBBIES:

Surfing net, Listening music, Yoga, Hand embroidery

CO-CURRICULUM ACTIVITIES:

Participated at college activities like cultural programme during college function and participated in poster presentation National Level in JJ college of Arts and Science, Pudukkottai.

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.

SKILLS :

- ❖ MSOffice 2007 , 2010, Software :Photoshop Cs2 , Cs5. OS: Windows XP , Windows 7.

❖ DTP

HONORS AND AWARDS:

- ❖ I got award for first rank in M.Sc Microbiology. (University 1st Rank)
- ❖ I got award for first rank in M.Sc Microbiology from Akila india nadir sabai, Kumbakonam.
- ❖ Essay writing –III rd prize (District Level)

PERSONAL DETAILS :

Father's Name:	:	P. Kannaiyan
Mother's Name	:	K. Vasanthi
Husband's Name	:	P. Sudhakar
Date of Birth	:	04-05-1991
Age	:	29
Gender	:	Female
Religion	:	Hindu
Marital Status	:	Married
Languages Known	:	English, Tamil
Passport No	:	P2437605
Permanent Address	:	4/835, Sananthoppu, Mavuthiruppu, Mattiur. Pin code -612 504 Tamilnadu, INDIA

DECLARATION

I do hereby make assurance for my good and loyal service. I shall discharge my duties to the at most satisfaction of my superiors and prove to be worthy of my selection.

Place: Kumbakonam

Date:

Yours truly

(S. Kiruthika)