

RESUME

DENSHA DAVIS

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Career Objective

To apply my knowledge and experience in solving biological problems and developing sustainable and novel technologies.

EDUCATIONAL QUALIFICATION

COURSE	INSTITUTION	BOARD/UNIVERSITY
B.Ed	J.P.E. Training college, Thrissur.	Calicut University
M.sc Biotechnology	C.M.S. College, Kottayam.	M. G University
B.sc Biotechnology	Nehru Arts & Science College, Coimbatore.	Bharatiar University
12th	St. Josephs Model H.S.S, Thrissur	Kerala Board
10th	Kendriya Vidyalaya, Thrissur	C.B.S.E

Relevant Skill

BIOCHEMISTRY:

- ❖ Basic Operation and maintenance of spectrophotometers to monitor growth of microbial cultures and to assay enzymatic activities.
- ❖ Skill in preparation of various stock solutions and reagents including anaerobic stocks.

MICROBIOLOGY

- ❖ Preparation of various media including anaerobic to support growth of microorganisms and operation of autoclaves.
- ❖ Sterile technique in isolation and transfer of microorganisms.
- ❖ Preparation of various fungal media and handling of pathogenic strain of fungi.
- ❖ Maintenance and storage of aerobic and anaerobic microbial cultures.

MOLECULAR BIOLOGY

- ❖ Gel electrophoresis of DNA and RNA.
- ❖ SDS PAGE electrophoresis techniques.
- ❖ DNA and RNA extraction from eukaryotic and prokaryotic cells including whole chromosome extraction.
- ❖ Plant tissue culture, extensive knowledge in various Bioinformatic tools and services like NCBI, Swiss, EMBL, RasMol, BLAST, CLUSTALW.

CONFERENCES AND SEMINARS

- ❖ Work Shop on current trends in advance biotechnology.
- ❖ Participated in poster presentation.