



# KARTHIKA SANJAY

## CONTACT

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Cherthala Alappuzha, 688537

## OBJECTIVE

A Self-initiated biotechnology post graduate able to combine academic and theoretical knowledge with practical experience to provide solutions. A daptable to challenging environments with an eagerness to advance professional development in an entry-level laboratory position.

## EDUCATION

M.E.S COLLEGE FOR ADVANCED STUDIES, EDATHALA,  
MAHATMA GANDHI UNIVERSITY, KOTTAYAM

2020-2022

MSc BIOTECHNOLOGY

THE COCHIN COLLEGE, KOCHI, MAHATMA GANDHI UNIVERSITY,  
KOTTAYAM

2017-2020

BSc BOTANY AND PLANT BOITECHNOLOGY

TAMIL UNIVERSITY, THANJAVUR

2017-2020

BA BHARATHNATYAM

## SKILLS

Data analysis

Project management

Self - motivated

Flexibility and adaptability

Creativity

Public speaking

Multi tasking

## LANGUAGES

English

Malayalam

Hindi

Tamil

## PROJECTS

Site directed mutagenesis at 301c → t by overlap extension PCR  
in gene ppGpp synthetase of Mycobacterium tuberculosis

Antibacterial and phytochemical studies of some selected plants  
in family Myrtaceae

## REFERENCE

Krishna Raj - M.E.S college for  
advanced studies, Edathala

Assistant professor  
Krishna@mescas.org  
9526849361

Arun Kumar G - The cochin college,  
Kochi

Assistant professor  
Akg.santh@gmail.com  
9496322634

## LABORATORY SKILLS

Laboratory instruments like Microscope, PCR,  
Spectrophotometry, Gel Documentation, Tissue Culture, Laminar  
Air Flow, Centrifuge, autoclave, chromatography techniques

Plant tissue culture techniques.

Microbial techniques like bacterial culturing,  
isolation, spreading, pouring, titration, etc.

## PERSONAL DETAILS

Date of Birth : 23/11/1999

Marital Status : Single

Nationality : Indian

Gender : Female

## AREA OF INTEREST

Molecular biology

Cancer biology

Microbiology

Quality control

Quality assurance

Research and development