

# Parithathvi Aluru

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## Projects

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### 2020

Online Summer Research Training Program organized by CSIR North Eastern Institute of Science and Technology project entitled “*In-silico* profiling of *PAH* gene for enhanced diagnosis of Phenylketonuria” under supervision of Dr. A. Sai Ramesh.

M.Sc., project on “Analysis of migraine for the association with folic acid, lipid profile and *KCNK18* gene” under guidance of Dr. A. Vijaya Anand, Bharathiar University, Coimbatore, Tamil Nadu.

### 2019

Two-month summer internship on Mammalian cell culture techniques under guidance of Dr. Smitha. C. Pawar at Department of Genetics and Biotechnology, Osmania University, Hyderabad.

### 2018

Multidisciplinary research project on evaluation of common waterborne diseases due to bacterial, fungal and heavy metal contamination of waters- A case study from Nacharam area, Hyderabad, India under supervision of Dr. Mala Das Sharma, St. Pious X degree and PG college for women (Osmania University).

## Papers

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Medicinal plants, phytochemicals and herbs to combat viral pathogens including SARS-CoV-2. Molecules. 2021.

To invest my knowledge and skills for development of the organization and learn new skills and update my skills for mutual benefit.

## Education

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2018 - 2020

M.Sc., Human Genetics and Molecular Biology, 7.93 CGPA  
Bharathiar University.  
Tamil Nadu, India - 641046.

2015 - 2018

B.Sc., Microbiology, Genetics, Chemistry, 78.45%.  
St. Pious X Degree and PG college for women, Osmania University, Hyderabad, Telangana, India.

## Skills

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- Molecular biology techniques
- Cytogenetic techniques
- Biochemical techniques
- Microbiology techniques
- Bioinformatics tools
- Linux

## Languages

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- English
- Hindi
- Telugu
- Tamil