



EBIN SIBY

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EDUCATION

Master of Science | Master of Science in Bioinformatics | 2020-2022
M.G University Kottayam

Bachelor of Science | Bachelor of Science in Mathematics | 2017-2020
M.G University Kottayam

ACADEMIC PROJECTS

Master Thesis : Whole genome sequencing data analysis of two unknown multi-drug resistant bacterial isolates

- De Novo assembly of unknown genome
- Prediction and annotation of the genes
- Identification of Antibiotic resistant genes

Bachelor Thesis : Application of graph theory

- Real life applications of graph theory
- Applications in operations research and Algorithms
- Applications in networks and games

PUBLICATIONS/PRESENTATIONS

A *de novo* reference assembly of the yellow mangrove *Ceriops zippeliana* genome.
RGCB Trivandrum

WORK EXPERIENCE/INTERNSHIPS

Internship
Rajiv Gandhi Centre for Biotechnology

March 2022 – August 2022
Trivandrum Kerala

CONFERENCES AND WEBINARS

- Participated in the International webinar on Pharmaceutical Regulatory Affairs.
- Participated in the International Webinar Series on Current Trends in Molecular Life Sciences.
- Participated in the webinar on Essentials of Clinical Research.
- Participated in the International webinar on Role of Microbes in our World.
- Participated in the webinar on Role of FSSAI in Ensuring Food Safety and Good Health.
- Participated in the International Webinar Series on Biotechnological advances towards sustainable developments

SOFTWARE SKILL SET SUMMARY

- Programming
C Programming, Perl
- Bioinformatics Tools
BLAST, FASTA, PDB, RASMOL
- Operating System
LINUX, Window
- Laboratory Skills
Polymerase Chain Reaction, Gel Electrophoresis, DNA Isolation

LANGUAGE PROFICIENCY

- English
- Malayalam
- Hindi

ACHIEVEMENTS

- Pre Republic-Day Camp Holder
- National Cadets Corps C certificate holder
- National Cadets Corps B certificate holder

REFERENCES

Prof.Biju Dharmapalan

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