

RAJAKAVIMANI R

M.Sc Physics

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<https://github.com/RajakavimaniR>

EDUCATION

Periyar University, Salem - M.Sc Physics

2022 - 2024

Completed IGNOU course on MEV-002:

Environmental Occupational Hazards.

Padmavani Arts and Science College for

Women, Salem - B.Sc Physics

2019-2022

INTERNSHIP

Bharathiar University, Coimbatore

08.06.2023 - 26.06.2023

Magnesium bis(oxalate) Borate as a Potential
Electrolyte for Rechargeable Mg-ION Batteries- A DFT
study.

PROJECTS

Personal Portfolio Website

Built a responsive portfolio website using HTML, CSS,
and JavaScript.

To-Do List Web App

Developed a dynamic to-do list application with add,
edit, and delete functionality using JavaScript.

ACADEMIC PROJECT

Visible -light-triggered CuMoO₄ Spheres as an efficient
catalyst of Methylene Orange dye degradation for
Photocatalytic application.

SKILLS

HTML

CSS

JavaScript

GIT, GITHUB

Excel

CERTIFICATIONS

Front End Development - HTML and CSS

Great Learning Academy | July 2024

JavaScript Application Programming

Alison Empower Yourself | August 2024

ADDITIONALS

Participated in a workshop on **Engineering of
nanomaterials** conducted by Department of Physics,
Periyar university, Salem. (3rd March 2023)

Participated in a workshop on **Managing intellectual
property** organized by IPR CELL, Periyar university,
Salem. (20th September 2023)

Presented a paper in poster entitled, “**Magnesium
bis(oxalate) borate as a potential electrolyte for
rechargeable Mg-ION batteries- A DFT study**”, during
3rd international conference on LASER-2023 organized by
Department of Physics, Periyar University, Salem. (14-16
September 2023)