

KARTHIKEYAN K

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27/89 A . Vinayagar kovil street, k k nagar, Kollapatti (post), oddanchatram,
Dindugul - 624619,Tamilnadu, India.



Objective

I am looking for a challenging work with a rapidly growing research topic that can provide me with a range of goals and work objectives within a contemporary .



Experience

CSIR- Advance Materials and Processor Research
Institute, Bhopal.

June 2020 - September 2020

Summer project fellow.



Education

K.R government higher secondary school , oddanchatram
2013

SSLC

85.20%

K R Government higher secondary school, oddanchatram.

2015

HSC

67%

APA College of arts and culture palani.

2015-2018

B,sc,. Physics

70.72%

APA college of arts and culture palani,

2018-2020

M,sc,. Physics

81%

Bharathiyar University coimbatore.

2021- persuing

PhD physics



Projects

Msc project

I was done a project on polymer doped porous silicon thin film, synthesis, characterisations, optical constant, thickness of the film.



Skills

Thermal evaporation

Uv-Vis-NIR spectroscopy

Thin film preparation

Blender

Ms office



Field Of Interests

I have interest on, chalcogenides alloys, ion beam materials modification, phase change materials, optoelectronic devices.



Reference

Dr.P. Matheswaran - "Kongunadu
arts and science college"

Assistant professor

mathesphy@gmail.com

8489622002



Languages

Tamil

English

Malayalam

CSIR- AMPRI Summer project

Raman and IR spectroscopy for detection and analysis of adulteration and viruses.(review project).

I was taken 5 adulterated foods (milk, olive oil, honey, clove essential oil, coconut water)

And also detect and analysis of Influenza virus, and Hepetitis B virus.

Electrical switching properties of quaternary chalcogenides thin film.

This project funded by IUAC new delhi, on going project.