

CURRICULAM VITAE

SRI KARTHIKA M,
Kalasalingam Academy of Research and Education,
Krishnankoil-626 126,
Srivilliputtur,
Virudhunagar,
Tamilnadu,
India.
Phone No: +919025635452

Email: msrikarthika2002@gmail.com

1.Objective:

To pursue high quality research for the upliftment of human society.

2. Education:

Academic	Name of the Institution	Aggregate %	Year of passing
M.Sc. Physics (Ongoing)	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION, KRISHNANKOIL.	89.5	2023-2025
B.Sc. Physics	A.K.D. DHARMA RAJA WOMEN'S COLLEGE, RAJAPALAYAM.	86.6	2020-2023
Higher Secondary	THIRU.R.V. THEVAR MEMORIAL GIRL'S HIGHER SECONDARY SCHOOL, CHOLAPURAM (SOUTH)	77	2020
Secondary School	THIRU.R.V. THEVAR MEMORIAL GIRL'S HIGHER SECONDARY SCHOOL, CHOLAPURAM (SOUTH)	91.4	2018

3. Interest:

- Microfluidics
- Spectroscopy
- SERS
- Water splitting

4. Research Expertise:

Instrumentation Handling:

- Raman
- UV-visible Spectrometer
- DC Sputtering
- Cyclic Voltammetry
- Data Interpretation in XRD, UV, and Raman using Origin 8.5

5. Software Tools:

- Completed office automation lab (Word, Excel, Power Point)
- Good Knowledge in C++

6. Internship Details:

Topic: Nanonet Ag preparation.

Summer Internship in Physics (30th May to 10th July, 2024) at Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam

Capstone Project: Electrochemical Fabrication of Bifunctional Nickel Based Electrocatalyst for Water Splitting in Alkaline Medium (16th Dec 2024 to 17th March 2025) at CSIR-CECRI, Karaikudi.

7. Personal Information:

Name : SRI KARTHIKA M

Institution Address : Kalasalingam Academy of Research and Education, Krishnankoil-626 126,
Srivilliputtur, Virudhunagar, Tamilnadu, India.

Communication Address : 4-7/97, Kaliyamman Kovil Street,
Arugankulam-627757
Sivagiri (Tk),
Tenkasi (Dt)

Phone No : 9025635452

Email : msrikarthika2002@gmail.com

Date of Birth : 30/08/2002
Marital Status : Unmarried
Languages Known : Tamil, English

8.References:

1. Dr. Naidu Dhanpal Jayram,

Assistant Professor,
Department of Physics,
Plasmonic Research Lab,
Kalasalingam Academy of Research and Education, Krishnankoil-626 126,
Tamilnadu, India.
Email: ghanpal@klu.ac.in
Mobile No: +919944655123

Declaration:

I hereby declare that all the information furnished above is true to the best of my knowledge.

Yours Sincerely,
(SRI KARTHIKA M)