

# CURRICULUM VITAE

## Ms. MALARVIZHI THANGARASU

Contact: +91 9444558288

E-mail: [malarmissilegirl@gmail.com](mailto:malarmissilegirl@gmail.com),  
[malarvizhi1417@kgpian.iitkgp.ac.in](mailto:malarvizhi1417@kgpian.iitkgp.ac.in)

### Address

Keelmathur (Vill), Andiyur (Po), Uthangarai (Tk), Krishnagiri (Dt) – 635307, Tamilnadu, India.

### OBJECTIVE

Being a self-reliant, creative, hardworking and sincere person with perseverance, I would like to be part of a continuous learning environment and widen my spectrum of knowledge and contribute to the organization where I am associated for the tangible outputs.

### BASIC ACADEMIC CREDENTIALS

<i>Degree</i>	<i>Institution</i>	<i>Board/ University</i>	<i>CGPA/ Percentage</i>	<i>Year of completion</i>
MTech (Materials Science & Engineering)	Materials Science Centre, IIT - Kharagpur	Indian Institute of Technology, Kharagpur	9.7 (up to 1 <sup>st</sup> semester)	2022 (Expected)
B.Tech (Ceramic Technology)	ACT Campus, Anna University	Anna university, Chennai	8.3	2018
HSC	SriVid Mandhir MHSS, Uthangarai	Government of Tamilnadu	95.91	2014
SSLC	SriVid Mandhir MHSS, Uthangarai	Government of Tamilnadu	97.6	2012

### PROVISIONAL EXPERIENCE

- ❖ **CSIR-National Aerospace Laboratories**, Bangalore.

*(Project Assistant-II, November 2018 to December 2019)*

Worked in thermal characterization of C<sub>f</sub>/SiC composites prepared by Chemical vapour Infiltration for Aerospace applications.

### PROJECTS/TRAINING

- ❖ B.Tech Thesis on “**Study on the Characteristics Of Clay Minerals To Avoid Bubble Defect In The Tiles Prepared By Dry Process**” at Orient Bell Limited, Bangalore (*Jan-March 2018*).
- ❖ Internship Project training on “**Study on CVI SiC coated Isotropic Graphite and synthesis of Carbon from Phenol Formaldehyde Resin**” at CSIR-National Aerospace Laboratories, Bangalore (*May-June 2017*).
- ❖ B.Tech Mini Project on “**Development of Synthetic Marble**” (*Jan-April 2017*).
- ❖ Industrial training at Carborundum Universal Limited (CUMI), Thiruvottiyur, Chennai-600019, Tamilnadu (*June 2016*).

### PAPERS PRESENTED

- ❖ Presented a paper titled, “**Preparation and Characterization of C<sub>f</sub>/C-SiC Composites via Polymer Impregnation and Pyrolysis of Phenolic Resin on Carbon fibre preform followed by Liquid Silicon Infiltration Technique**” in *Conference on Carbon Materials 2019* held at India Habitat Centre, New Delhi during *November 20-22, 2019*.

## PERSONAL DETAILS

- ❖ **Date of Birth** - 16<sup>th</sup> January, 1997
- ❖ **Gender** - Female
- ❖ **Father's Name** - Thangarasu M
- ❖ **Languages Known** - Tamil (Native proficiency)  
English (Professional working proficiency)  
French (A1 level)
- ❖ **Marital Status** - Single
- ❖ **Nationality** - Indian

## RESPONSIBILITIES UNDERTAKEN

- ❖ Class Representative (2017-2018)
- ❖ Member of Indian Carbon Society (from 2017 onwards)

## TECHNICAL SKILLS

- ❖ Cleared Graduate Aptitude Test in Engineering (**GATE 2020**) with All India Rank of 344 (under Engineering science paper).
- ❖ Comprehensive knowledge on the applications and properties of Ceramic Matrix Composites.
- ❖ Good understanding of Traditional Ceramics.

## EXTRA CURRICULAR SKILLS

- ❖ Served as a volunteer in National Service Scheme (2014-2015).
- ❖ Participated in Marathon for Cancer Awareness at IIT in Chennai (2014).
- ❖ Awarded Central Government Scholarship for Under – Graduate Degree based on excellence in Higher Secondary Examinations (2014).

## REFERENCES

- ❖ **Dr. A. Udayakumar**, Senior Principal Scientist, CSIR – National Aerospace Laboratories, Bangalore.  
Contact Details: [auday@nal.res.in](mailto:auday@nal.res.in), 09449836811

## DECLARATION

I do hereby declare that the information furnished above are true and correct to the best of my knowledge and belief.

Place: Keelmathur

Date: 08<sup>th</sup> February, 2021.

MALARVIZHI THANGARASU