

CAREER OBJECTIVE

A result-oriented individual seeking a mutually beneficial career at an excellent organization and to excel in this field with hard work and perseverance.

EDUCATIONAL QUALIFICATION

| <u>Qualification</u> | <u>Board/University</u> | <u>Institution</u> | <u>Year of Passing</u> | <u>Percentage/ CGPA</u> |
|----------------------|-------------------------|---|------------------------|-------------------------|
| B.E Mechanical | Anna University | Sri Ramanujar Engineering College | 2019 | 6.88 |
| 12 th | CBSE | Besant Arundale Senior Secondary School | 2015 | 70.66 |
| 10 th | CBSE | Besant Arundale Senior Secondary School | 2013 | 78 |

INTERNSHIP AND WORKSHOP

- **Paper presentation** on 'Comparative analysis on mechanical behaviour of stitched and unstitched flax fibre' in National Conference at EASWARI Engineering college
- Participated in two days **workshop** on 'Additive Manufacturing' at Chennai Institute of Technology.
- Interned at **Lohanrajo Metal Arts** for 2 months. Gained knowledge on manufacturing and assembly process of BMS panels.
- Attended **web development** event in TechHACK symposium at Madha Engineering College.

ACADEMIC PROJECT**Comparative analysis on mechanical behaviour of stitched and unstitched flax fibre**

Aim of the project is to determine some important characteristics of flax fibre. Reinforced epoxy flax fibre laminates were fabricated by hand layup process and their tensile, compression and flexural responses were investigated through experimental testing.

Result :

The samples of flax fibre reinforced epoxy laminates has been studied and tested in the respective testing machines. The test results were analyzed and are tabulated according to their properties.

- Tensile test: In tensile test the results shows that the ultimate tensile load for unstitched material is greater than stitched material.
- Flexural test: In flexural test stitched material of flax fibre has higher flexural strength than unstitched flax fibre laminates.
- Charpy impact test: Impact strength is recorded by charpy impact test machine. In this test result we can conclude that unstitched flax fibre laminates has absorbed high energy of 18 Joules than stitched material. Therefore unstitched flax fibre laminates has high impact load.

TECHNICAL SKILLS

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|------------------|--|
| Area of Interest | - Machines, UX/UI design, Website development. |
| Design tools | - Adobe XD, Illustrator, Autocad. |
| Programming | - C++, HTML, CSS, Javascript, Python. |

SKILL SET

- Knowledge about website development, app design, machinery and tools.
- Problem solving ability.
- Good communication.

PERSONAL PROFILE

| | | |
|--------------------|---|--|
| FATHER'S NAME | : | Raja.R |
| DATE OF BIRTH | : | 27-07-1997 |
| LANGUAGES KNOWN | : | Tamil, English |
| ADDRESS | : | 8/A Pillaiyar Kovil Street, Thiruvanmiyur, Chennai- 600 041. |

DECLARATION

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

Place: Chennai
Date:

Yours Faithfully,