NAME : SAKTHIVEL C
ID NO : 18E637
DEGREE : Bachelor of Engineering
BRANCH : Electrical & Electronics Engineering (Sandwich)
COLLEGE : PSG College of Technology, Coimbatore
LINKEDIN : https://www.linkedin.com/in/sakthivel-37/

Father's Name	Chendilvelu C V	**Permanent Address**
Gender	Male	No 27,2ND Street,
Date of Birth	03 July 2000	Mahaveer Nagar,
Languages known	English, Tamil, Hindi	Kolathur,
Email	sakthi372000@gmail.com	Chennai -600099,
Phone	+91-7871172038	Tamil Nadu.

ACADEMIC RECORD

Course	Institution	Board	Completion By	Marks (%)
B.E.	PSG College of Technology, Coimbatore	Anna University	2023	8.84*
XII	Velammal Higher Secondary School, Thiruvallur	State	2018	92.25
X	Don Bosco Higher Secondary School, Chennai	State	2016	96.2

*CGPA up to 8th semester

Semester	I	II	III	IV	V	VI	VII	VIII
CGPA / 10	9.06	8.37	8.51	8.37	8.48	8.63	8.70	8.84

AREAS OF INTEREST

- Data Structures and Algorithms
- C and C++ programming

SKILLSET

Language & Framework	C, C++, JAVA, Python, HTML, CSS, SQL
Platforms	Windows
Software	Git, Proteus, Codeblocks IDE, Microsoft visual studio code, Adobe Photoshop, Ansys MotorCAD.

TRAINING DETAILS

Name of the Industry and Institution	Duration	Type	Area of Exposures
PSG Industrial Institute, Peelamedu	126 days	Part of Sandwich Training	Manufacturing Testing and Maintenance of Motor
Neelambur Foundry Division, Neelambur	26 days	Part of Sandwich Training	Manufacturing of pattern, core and molding

INTERNSHIP

Name of the Industry	Duration	Type	Area of Exposures
Ashok Leyland	3 months	Project Intern	Worked on a team of two in creating a Database for Motors used in E-Powertrains.

ACADEMIC PROJECTS

- **PERFORMANCE ANALYSIS OF SYNCHRONOUS RELUCTANCE MACHINE:**
  Description: Designed a 3 phase 2.2kW SynRM with 90L frame size using Ansys MotorCAD. Analyzed the model with different rotor configurations depending on number of flux barriers. Operating point at which maximum power factor and least torque ripple occurs was found and verified.
- **DAILY JOURNAL WEBSITE:**
  Description: The website allows user to create their blog, where user can publish their opinions. Embedded JavaScript Templating is used to generate HTML markup with plain JavaScript.
- **AUTOMATION OF CRAWLING MECHANISM OF EVs USING COMPUTER VISION:**
  Description: A Computer Vision model was developed to automate the crawling mechanism in EVs during traffic, to help the drivers to avoid accidents. The Idea behind is to calculate the distance and speed of foreground vehicle and control the speed of our vehicle when driver switches ON the crawl mode. (In Progress)

CO-CURRICULAR ACTIVITIES

- **Online Course**
  1. Programming in JAVA (NPTEL MOOC).
  2. Data Structures and Algorithms using C/C++ (Udemy).

EXTRA-CURRICULAR ACTIVITIES

- Served as **Director** for **Rotaract Club**.
- Served as the **Executive** for **Students' Research Council.**
- Has been an active member in Electrical and Electronics Engineering**.**
- Participated in MIME show in INTRAMS 2019.

HOBBIES

- Reading Books
- Graphic Designing

DECLARATION

I, Sakthivel C, do hereby confirm that the information given above is true to the best of my knowledge.

C. Sakthivel

(Sakthivel C)