NAME : Saravana Kumar V
USN : 18E640
DEGREE : Bachelor of Engineering
BRANCH : Electrical and Electronics Engineering (SW)
COLLEGE : PSG College of Technology, Coimbatore

DATE OF BIRTH : 21/09/2000
GENDER : Male
FATHERS NAME : Vadivelu L
LANGUAGES KNOWN : Tamil, English
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PERMANENT ADDRESS:
No.3, Brahmana st,
Palli village and post,
Cheyyar taluk,
Tiruvannamalai – 604407,
Tamil Nadu.

ACADEMIC RECORD:

Course	Institution / School	Year of Graduation	CGPA / Marks (%)
B.E. (Electrical and Electronics Engg.)	PSG College of Technology, Coimbatore.	2023	8.42*
XII	Sunbeam Higher Secondary School, Vellore (State Board)	2018	92.58
X	Sri Ramakrishna Matriculation School, Vellore (State Board)	2016	94.20

***- CGPA up to 8th semester**

Semester	I	II	III	IV	V	VI	VII	VIII
CGPA/10	7.89	7.91	8.11	8.02	8.22	8.36	8.44	8.42

AREA OF INTEREST:

- Electrical machines
- Power Electronics

SKILL SET:

Languages	C, C++, Python (Basic level)
Tools	MATLAB, ANSYS Motor CAD, Proteus, Keil, LABVIEW

TRAINING DETAILS:

Name of the Industry	Duration	Area of Exposure
PSG Industrial Institute, Coimbatore	72 weeks	Manufacturing, Assembly and Testing of Induction Motors and Submersible pumps
Neelambur Foundary Division, Neelambur	21 days	Manufacturing of Patterns, Cores and Moldings

INTERNSHIP DETAILS:

Name of the industry	Duration	Area of Exposure
Chakradhara Aerospace and Cargo Pvt Ltd.	3 Months	Torque motor, Testing of Actuators, Design of ignition coil and inductance
National Small Industries Corporation (NSIC) – E-intern	2 weeks	Electrical Substation, Components used, Testing of components
National Small Industries Corporation (NSIC) – E-intern	3 weeks	Embedded System with ARM Microcontroller, PIC Microcontroller

PROJECT DETAILS:

PERFORMANCE ANALYSIS OF SYNCHRONOUS RELUCTANCE MACHINE (SynRM)

Designed and simulated a SynRM motor with 2.2 kW, having a motor frame of 90L using ANSYS Motor CAD. Performance analysis was carried out from which the improvement in power factor was absorbed and the torque ripple was reduced.

MINI PROJECT DETAILS:

- Designed a Buck Converter of output 18V from a 48V Battery
- Design of a Plus – minus 5V regulated power supply from 9V Battery

CO-CURRICULAR ACTIVITIES:

- Introduction to the Internet of Things and Embedded Systems, COURSERA, July - 2020
- AI For Everyone, COURSERA, Oct - 2020
- Programming for Everybody (Getting Started with Python), COURSERA, July – 2020

EXTRA – CURRICULAR ACTIVITIES:

- Served as a Club Member in **National Service Scheme**
- Served as a Club Member in **Youth Red Cross**
- Attended "**SEVEN DAYS NSS CAMP**" under Government support

HOBBIES:

- Playing Cricket
- Drawing

DECLARATION:

I, Saravana Kumar V, do hereby confirm that the information given above is true to the best of my knowledge

(SARAVANA KUMAR V)