

Name **SUDARSHAN BABU**

Family Name **RAMESH BABU**

Citizenship **INDIA**

Born in **TAMIL NADU, CHENNAI,**
December 20, 1996.

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Background **Mechanical Engineering &**
Industrial Plant Engineering

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CASSINO, ITALY



EDUCATION

Master's in Industrial Plant Engineering & Technologies MIPET 11 th Edition, Prof. Agostino G. Bruzzone	GENOVA UNIVERSITY	2020 - Ongoing
Master of Science in Mechanical Engineering Thesis on 3D PRINTED VENTILATOR with Prof. ERIKA OTTAVIANO	CASSINO UNIVERSITY	2018 - 2020
Bachelor of Engineering in Mechanical Engineering Thesis on BIO DIESEL with Prof. S. VIJAYAN.	ANNA UNIVERSITY	2014 - 2018



PROFESSIONAL EXPERIENCES

SRI PADMAVATHI PACKAGING INDUSTRIES Working on Innovative Developments for OIL Plant Process & Management	ENGINEER	2017 - 2018
PYH INGENIERIA 3D Printing & Development.	DESIGN ENGINEER	2019 - 2020

THESIS DETAILS

“DESIGN AND FABRICATION OF SCISSOR LIFTING TABLE USING GEAR MECHANISM”	THESIS	2017
“EXPERIMENTAL STUDY ON THE PERFORMANCE, EMISSION AND COMBUSTION OF C.I. ENGINE FUELED WITH BLENDED CASHEW NUTSHELL OIL AND DIESEL AS BIODIESEL”	BACHELOR’S THESIS	2018
“MECHANICAL DESIGN, SIMULATION AND TESTS OF A 3D PRINTED VENTILATOR”	MASTER’S THESIS	2020



INPLANT TRAINING

Name of the Industry	Duration	Areas of Exposure
NICOLA EDUCATIONAL AND RESEARCH INSTITUTE, KOLATHUR, CHENNAI. Certificate No –2017769.	7 Days	<ul style="list-style-type: none"> ➤ Dismantling and assembling of “ENTIRE CAR” including IC Engine (Petrol & Diesel), (Car models for practical – Maruti Zen FI type and other 2 recent model cars) ➤ Dismantling and assembling of “ENTIRE BIKE” Bike models available for practical - Royal Enfield classic 350 CC, Yamaha FZ ➤ 2 & 4 stroke Petrol and Diesel engine, Twin spark engine, Fuel Injection engine. ➤ Types of engine: single,3,4 cylinder. ➤ BOSCH Fuel Injection System, ➤ Clutch System, ➤ Gear box, ➤ Braking System, ➤ Steering System, ➤ Vehicle chassis, ➤ CAR AC System ➤ Electrical System.

Name of the Industry	Duration	Areas of Exposure
CHENNAI PORT TRUST, CHENNAI. Certificate No :1480	5 Days	<ul style="list-style-type: none"> ➤ Mechanical shop ➤ Electrical area ➤ Diesel loco engine ➤ Floating system area ➤ Marine engine
UNIQ TECHNOLOGIES, T NAGAR, CHENNAI.	5 Days	<ul style="list-style-type: none"> ➤ Measuring instrument ➤ Machining in lathe ➤ Mat lab ➤ Elevator ➤ Robotics



INDUSTRIAL EXPLOURE

Name of the Industry	Duration	Areas of Exposure
GRUNFOS – CHENNAI.	1 Day	<ul style="list-style-type: none"> ➤ Pump types ➤ Specification ➤ Arrangement
ROYAL ENFIELD – CHENNAI.	1 Day	<ul style="list-style-type: none"> ➤ Machining in CNC LATHE ➤ Engine arrangement ➤ Engine testing ➤ Bike assembly
ICF – CHENNAI.	1 Day	<ul style="list-style-type: none"> ➤ Engine assembly ➤ Coach furnishing ➤ Wheel assembly ➤ Testing
CAPITAL PRECISION TECHNOLOGIES Pvt Ltd., CHENNAI.	1 Day	<ul style="list-style-type: none"> ➤ Machining in CNC LATHE ➤ Machining in CNC MILLING
INDIAN MOTOR CORPORATION Pvt Ltd. CHENNAI.	1 Day	<ul style="list-style-type: none"> ➤ Four-wheeler general service & maintenance.
PARVEEN AUTOMOBILES Pvt Ltd. CHENNAI.	1 Day	<ul style="list-style-type: none"> ➤ Reconditioning engine, break and tire.
JANAKI MOTORS, CHENNAI.	1 Day	<ul style="list-style-type: none"> ➤ Two-wheeler general service & maintenance.
ASHOK LEYLAND – HOSUR	1 Day	<ul style="list-style-type: none"> ➤ Heavy vehicles engine assembly
TVS MOTORS – HOSUR	1 Day	<ul style="list-style-type: none"> ➤ Robots engine assembly

PROFESSIONAL SKILLS

- ❖ Received the **LIMCA BOOK OF RECORDS** on **MADHUBANI PAINTING EVENT** by **PIDILITE INDUSTRIES LIMITED**.
- ❖ Participated in the event of “**MR. MACHINIST**” in **MECHGUST 2K17** conducted by Department of Mechanical engineering held at **CHENNAI INSTITUTE OF TECHNOLOGY**.
- ❖ Participated in Three-day workshop on **ELECTRIC SOLAR VEHICLE DESIGN & DEVELOPMENT** conducted by “**IMPERIAL SOCIETY OF INNOVATIVE ENGINEERS**” held at by **SRI SAIRAM ENGINEERING COLLEGE**.
- ❖ Participated in workshop on **ROBOTICS** organized by “**UNIQTECHNOLOGIES**”.
- ❖ Attended the workshop on **JIG & FIXTURE** held at **CADD SCHOOL, VADAPALANI**.
- ❖ Attended the workshop on **SETTING TIME REDUCTION** held at **CADD SCHOOL, VADAPALANI**.
- ❖ **MICRSOFT** {MS WORD, MS OFFICE, MS EXCEL, MS POWER POINT}
- ❖ **WINDOWS** (XP,7,8,10)
- ❖ **SOFT SKILLS:** Used to work in International Teams



SPECIAL PROGRAM

Master Diploma in product design and analysis, student id – M160816635 at **CADD CENTER**.

Auto CAD 2018, PTC Creo 4.0, Catia V5-V6R2016, Ansys 18.2, Solid works, Auto CAD Inventor 2019, MATLAB, Ultimaker CURA



LANGUAGES

English
Tamil
Italian
Spanish
Hindi

Native Language
Native Language
Spoken Average, Written very basic
Spoken Average, Written very basic
Spoken Average, Written very basic



STRENGTH

Good Interpersonal Highly motivated and enthusiastic and capable of working on own initiative.



INTERESTS

Travelling and Exploring new information
Reading Books, Listening to Music, Photography and Story Writing



CAREER OBJECTIVE

To be a smart performer, innovator as well as learn to establish new concepts and methodologies in the field of engineering and technology to grow with the concern.

Hereby, I authorize the processing of my personal data, video, pictures pursuant to art. 13 of Legislative Decree 196 of 30 June 2003 and of art. 13 GDPR (EU Regulation 2016/679) for the purpose of personnel search and selection as well as for Scientific and Academic Activities

I, **SUDARSHAN BABU R.**, do hereby declare that all the furnished by me are in this application are true and complete to the best of my knowledge and belief.

Genoa, May 1, MMXX

Signature



SUDARSHAN BABU

