

Hariharan Murugesan

B.E-Aeronautical Engineering

✉ hariharan.m.03@gmail.com

☎ 7708232037



EDUCATION

B.E-AERONAUTICAL ENGINEERING

Sri Ramakrishna Engineering College,
Coimbatore / 2014 - 2018.

CGPA - 7.59* (upto 7th Semester)

HIGHER SECONDARY

Senthil Matric. Hr. Sec. School,
Dharmapuri / 2012 - 2014
Percentage - 88.42

SECONDARY

Senthil Matric. Hr. Sec. School,
Dharmapuri / 2010 - 2012
Percentage - 92.40

ABOUT

I am an Aeronautical Engineering graduate seeking a full-time position in the Aeronautical and Mechanical related fields, where I can apply my knowledge and skills for continuous improvement. I have good communication skills. I have good Leadership qualities and I can work successfully in a team environment, as well as independently.

OBJECTIVE

I want to succeed in a stimulating and challenging environment, building the success of the company while I experience advancement opportunities.

TECHNICAL EXPERTISE

AREA OF INTEREST

Product Design and Development
Structures
Materials (Composites)
Heat Transfer

COMPUTER SKILLS

Adobe Photoshop
Adobe Illustrator
Microsoft Office Suite

LANGUAGE

English
Tamil
Basic German

COMPUTER SKILLS CORE SOFTWARES

Autodesk Inventor
CATIA V5
Solid Edge ST6

PROFESSIONAL SKILLS

Manuals and documentation
Management
Product Design & Development

INTERESTS

Photography
Creative designing
Traveling
Website development

CO-CURRICULAR ACTIVITIES

PAPER PRESENTATION

Presented a paper "SPACE DEBRIS MICRO REMOVER" in Hindustan college of engineering and technology, Coimbatore - 2016

CONFERENCE

Presented a paper "**POWER GENERATION SYSTEM BASED ON FOOTSTEPS**" In the National conference on "**Research Issues In Image and Signal Processing**" (NCISP'17) at Sri Ramakrishna Engineering College, 2017

Presented a paper "**HYBRID WINDMILL TURBINES WITH PERPETUAL MOTION MACHINES FOR ENHANCED EFFICIENCIES AT LOW WIND SPEEDS**" In International conference on "**Advances in Industrial Engineering Applications**" at Anna University, Chennai, 2018

Presented a paper "**ENHANCED POWER OUTPUT OF WIND TURBINE BY INTEGRATING HORIZONTAL AND VERTICAL-AXIS WIND TURBINE**" In the National conference on "**Smart and Sustainable Future**" at IIT Madras, Chennai, 2018

Presented a paper "**NANO COATING OF TITANIUM DIOXIDE FOR ANTICORROSIVE TURBINE BLADE IN AIRCRAFT ENGINE**" In International conference **IDAD - 2018** at Vel Tech University - R&D Institute of Science and Technology, Chennai, 2018

PROJECTS

HELICAL PUMP

Designed and Analysed
Alpha Solutions, Coimbatore.
2016 - 2017

UNMANNED AERIAL VEHICLE -RC AIRCRAFT

Built and Tested
Aero Modeling Club
Sri Ramakrishna Engineering College
2016 - 2017

ANDROID APPLICATION

Using MIT App Inventor
Sri Ramakrishna Engineering College
2016 - 2017

FLOW ANALYSIS ON 2D SPORTS CAR MODEL

Using OpenFoam
Sri Ramakrishna Engineering College
2017 - 2018

HYBRID WIND TURBINE USING PPM

Designed in CATIA V5
Sri Ramakrishna Engineering College
2017-2018

EXPERIMENTAL CHARACTERIZATION OF NANO SILICA COATING FOR CORROSION RESISTANCE

Sri Ramakrishna Engineering College
2017-2018

WORKSHOPS ATTENDED

CANSAT SATELLITE DESIGN AND LAUNCH EVENT

By XOVIAN
Kumaraguru College of Technology,
Coimbatore / 2017

IC ENGINES ASSEMBLING AND DISMANTLING

Vinayaka Missions University, Chennai
2016

CATIA V5 - SHEET METAL AND SURFACE MODELLING

Max CAD
Sri Ramakrishna Engineering College
2016

COMPUTATIONAL FLUID DYNAMICS (OPENFOAM)

By Udvavisk Technologies Pvt. Ltd
Sri Ramakrishna Engineering College
2016

GLIDER FABRICATION AND TESTING

Sri Ramakrishna Engineering College
2015

INDUSTRIAL ROBOTICS (WORKINGS)

FANNUC
Coimbatore
2017

INDUSTRIAL TRAININGS

Undergone an In-plant training at "**Tamil Nadu Energy Solutionss**", Coimbatore / 2016 - 2017

ACADEMIC ACHIEVEMENTS

NPTEL certified in **Engineering Mechanics** conducted by IIT, Kanpur

NPTEL certified in **Manufacturing of Composites** conducted by IIT, Kanpur

Completed **BASIC GERMAN LANGUAGE COURSE** at SREC during the academic year 2015-2016

COMPETITIONS

CAD MODELLING

SAE INDIA - SREC COLLIGATE CLUB
Coimbatore.
2016

INDIAN ENGINEERING OLYMPIAD EXAM

Mechanical Engineering category
Secured All India Ranking - 552 in 2017

L&T,TECHGIUM-2018

FINALIST
L&T Technology Services Limited
Chennai / 2018

SMART INDIA HACKATHON 17

FINALIST
Ministry Of Road Transport And
Highways ,Govt of India / 2017

AERO QUIZ

Hindustan College of engineering and
technology,
Coimbatore / 2017

EXTRA-CURRICULAR ACTIVITIES, LEADERSHIP SKILLS

CHAIRPERSON

SEDS INDIA - SREC Students Chapter
Sri Ramakrishna Engineering College,
2017 - 2018

SECRETARY

YOGA AND MEDITATION CLUB
Sri Ramakrishna Engineering College
2016 - 2017

BEST ORGANISER

PRAELIATOR'15
SEDS INDIA- SREC Students Chapter
2015

6TH PLACE IN STATE LEVEL YOGA COMPETITION

PERK'S School, Coimbatore
2015

PAPER PRESENTATION-EVENT CO-ORDINATOR

TREFRAKETEN 2K16
AEA & AESI , SREC
2016

ORGANISED SATELLITE BUILT AND LAUNCH WORKSHOP

National Level Workshop
Sri Ramakrishna Engineering College
2017

ORGANISED ORGAN DONATION CAMP - "GIFT ORGAN GIVE LIFE"

NSS CLUB, SREC along with SNR TRUST
Which holds Guinness World record
2016

ORGANISED "TREFRAKETEN 2K17"

National level Technical Symposium
Dept of Aeronautical Engineering
Sri Ramakrishna Engineering College
2017




REFERENCE

R. Velmurugan
velmurugan.r@srec.ac.in
Assistant Professor
Dept of Aeronautical Engineering
Sri Ramakrishna Engineering College
Coimbatore.

CONTACT

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SOCIAL

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