

CURRICULUM VITAE

ARUNAAKANTH.S

S/O P.SHANKAR

G5A Karpaga tower kandanoor

Road,Karaikudi-630001.India

Email:arunakaanthshankar@gmail.com

Mobile No:+91-9894471652



Key Qualities: Robotics, Automation, CAD&CAM, Logistics, Project Management
Web Application Development.

CAREER OBJECTIVE:

Seeking an entry level position in an organization where my knowledge and skills can help in growth of the organization and my career

ACADEMIC CREDENTIALS:

Qualification	Institution / Board	Year of passing	Percentage
B.E MECHANICAL ENGINEERING	Sri Raaja Raajan College of engineering and technology, Amaravathipudhur,Karaikudi	2021	8.2 CGPA
DIPLOMA (MECH)	Alagappa polytechnic college, Karaikudi (DOTE)	2018	85.00%
SSLC	Muthiah Alagappa Matric.Hr.Sec.school Kottaiyur,Karaikudi	2015	94.40%

WORK EXPERIENCE:

- Logistics Management at PONPURE LOGISTICS ,Karaikudi
- Carried out **Automation of Homes & Labs**, under self-business development
- Part time Lecturer at SRI RAAJA RAAJAN COLLEGE OF ENGG & TECH, Karaikudi.
 - Trained students under Continuous Education Program (CEP) on “ **Certificate Course on Robotics & Material Handling Systems**” under Sri Jairaam Skill Development Centre , Approved by Bharathidasan University, Trichy for 6 Months
 - Subjects Handled
 - Fluid Mechanics & Machinery
 - Engineering Graphics

SPECIAL SKILLS AND ACHIVEMENTS:

- Achieved in All India Books of Records, Pondicherry for the projects of 50 Smart clay pot air system in 30 minutes by 50 students guided by me.
- Robotics Lab developed under UG Project for SRI RAAJA RAAJAN COLLEGE OF ENGG & TECH, Karaikudi, was shortlisted for **Tamilnadu Chief Minister Award** for Adopting **Artificial Intelligence (AI) for Energy Management**
- Developed Robotics Lab for Sri Raaja Raajan CBSE School, Karaikudi and trained the students in **Robotics, Automation, Microprocessor based programming's, IOT Programs**, etc.
- Guided projects include, “**Student Management System (SMS) through Web Application**”, “**Internet Radio Station**”, were selected for state level competitions.
- Projects entitled
 - “**Marine Research Vehicle**”,
 - “**Automatic Vehicle Parking System for Smart Cities**”,
 - “**Fish Feeder Drone**”,Were short listed under **Tamilnadu Entrepreneurship Development Scheme**.

PROJECTS:

ENGINEERING PROJECT: IOT BASED HOME AUTOMATION

Abstract: In order to help maintain comfortable living conditions within a home, home monitoring and automation are utilized. The standards of human's comfort in homes can be categorized into several types. Among these categories, the most significant ones are the thermal comfort, which is related to temperature and humidity, followed by the visual comfort, related to colors and light, and hygienic comfort, associated with air quality.

DIPLOMA PROJECT: FOOTSTEP POWER GENERATOR

Abstract: Foot step power generation system for rural energy application to run AC and DC loads for an alternative method to generate electricity there are number of methods by which electricity can be produced, out of such methods, footstep energy generation can be an effective method to generate electricity

MINI PROJECTS:

- Line Follower Robot
- Voice control robot
- Obstacle avoider
- Bluetooth control robot
- Gas leakage sensor
- Agriculture seeding robot

ADVANCED PROJECTS:

- Human Control automation robot (selected to NASA trip)
- Motion sensor (lights and fans)for entire college
- Ultra wave radiation control panel using EMF tester
- Vettiver Window Screen
- Smart Electric insect protection Window screen

UPCOMING PROJECTS:

- Eco friendly smart class room
- VR and AR automation Lab
- Virtual Driving system
- Gaming room
- Office Assistant AGV

SOFTWARE SKILLS:

1. Unigraphics-NX
2. Creo
3. Auto CAD
4. Photoshop
5. Arduino IDE
6. Currently Pursuing “ **Full Stack Web Development Course**” under Skill Safari

EXTRA-CURRICULAR ACTIVITIES:

1. NSS Volunteer in camps
2. Class representative both school and college
3. Chess & football state player
4. Documentation work
5. Photoshop and Design work

INDUSTRIAL VISIT:

1. VIKRAM SARABHAI SPACE CENTER, TRIVANDRUM, KERALA, INDIA
2. RASAI FLOW LINES PVT LTD, SIPCOT INDL AREA, PUDUKKOTTAI

LANGUAGE KNOWN:

1. ENGLISH
2. TAMIL

AWARDS:

- District 2nd in chess competition at college level
- District 4th in chess competition at School level
- Divisional 2nd in chess competition at college level
- State 3rd in Technical Symposium at college level

PERSONAL DETAILS:

Full Name : Arunaakanth.S
Date of Birth : 06-05-1999
Father's Name : Shankar.P
Mother's Name : Muthumeenal.S
Marital Status : Single
Contact Number :9894471652
Permanent address : G5-A, Karpaga tower, Kandanoor road, Karaikudi,
Sivangangai District-630001
Nationality : Srilankan
Citizen : OCI (Overseas Citizenship of India) Dual Citizenship

DECLARATION:

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

Place:

Date:

(ARUNAAKANTH.S)