



RIJU KUNJUMON

MECHANICAL ENGINEER

PROFILE

To evolve into a hardworking and sincere profession, contributing my talent and abilities to the success of your organization and at the same time enhance my knowledge and develop my communication, managerial and interpersonal skills.

CONTACT

PHONE:
+971 565922826

LinkedIn:
[linkedin.com/in/riju-kunjumon-397362194](https://www.linkedin.com/in/riju-kunjumon-397362194)

EMAIL:
rijukunjumon@gmail.com

PERSONAL DETAILS

Date of Birth : 02/11/1996
Marital Status : Single
Nationality : Indian
Driving License : Yes (Indian)
Passport Number : N1053574

SOFTWARE PROFICIENCY

- ❖ AutoCAD
- ❖ Revit
- ❖ BIM (Naviswork Base)
- ❖ Pipe sizer
- ❖ Duct sizer
- ❖ HAP
- ❖ MS Excel
- ❖ MS Word
- ❖ MS PowerPoint

EDUCATION

SHM Engineering College, Kadakal, Kerala, INDIA

2015 - 2019

Bachelor of Technology in Mechanical Engineering
CGPA : 7.47

ACTIVITIES :

- Participated in college level arts and sports
- Coordinator of ARTSFEST and SPORTS FEST conducted at college.

Govt. Higher Secondary School, Ottakkal, Kerala, INDIA

Higher Secondary Education
2014 - 2015
84%

Toch Public School, Punalur, Kerala, INDIA

SSLC
2013
CGPA : 9.4

PROJECTS

STUDIES ON HEAT TRANSFER CHARACTERISTICS OF NANO FLUID UNDER HORIZONTAL, VERTICAL AND 45DEGREE INCLINED CONDITIONS.

(Duration : 1 year)

Analyzing the heat transfer coefficient of Nano fluids under different conditions using ANSYS software. Analysis was done to compare heat transfer rate of Nano fluids, Al_2O_3 and SiC with a base fluid water. The numerical analysis was carried out using ANSYS FLUENT software. The model of the pipe was created using Solid Works software and was then imported to ANSYS FLUENT. Comparison was made by placing a pipe in three different positions, horizontal, vertical and 45° inclined. When pipe was placed horizontally, it was found that Al_2O_3 has the higher heat transfer rate and it was followed by SiC and water has the least heat transfer rate. Similar results were obtained when the pipe was placed in vertical position and 45° inclined position. The result obtained was that the heat transfer rate is very high in the horizontal position of the pipe and then the Al_2O_3 Nano fluid get the very high heat transfer in all pipe arrangements.

HOBBIES

- ❖ Gaming
- ❖ Travelling
- ❖ Sports
- ❖ Music

PERSONAL STRENGTHS

- ❖ Extrovert
- ❖ Quick Learner
- ❖ Optimistic
- ❖ Trustworthy

LANGUAGES

- ❖ English
- ❖ Malayalam
- ❖ Tamil

SKILLS

- Technical proficiencies include Auto CAD, HAP, REVIT, BIM
- Prepare Design and Heat load calculations of HVAC system
- Proficiency in plumbing and firefighting design– 2019
- Excellent communication skills
- Great interpersonal skills
- Superior time management

COURES/CERTIFICATES

- **MEP ENGINEERING (TÜV Rheinland Certified)**
 - HVAC
 - FIRE FIGHTING
 - PLUMBING
 - ELECTRICAL
- **QA/QC ENGINEERING**
- **OIL AND GAS ENGINEERING**
- **NDT**

DECLARATION

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

RIJU KUNJUMON