

Dr.V.YAMUNADEVI M.E., Ph.D.,

Associate Professor,

Department of Mechanical Engineering,

Academy of Maritime Education and Training University (AMET University)

Kanathur, Tamil Nadu 603112.

Phone: 9003676633**E-Mail:**yamunadevi64@gmail.com**Objective**

To work in a challenging environment that gives an opportunity to expose my talents and to be a part of the growth and success of the organization.

Work Experience

Worked as a **Program Analyst** in Tata Consultancy Services (**T.C.S**) for 3 years 2011-2014.

Worked as **Assistant Professor** in Mailam Engineering College, June –Dec 2016.

Educational Qualification

Institution	Qualification	Year of Passing	Percentage/CGPA
Pondicherry Engineering College, Puducherry.	PhD	2020	-
Pondicherry Engineering College, Puducherry.	M.tech (Mechanical Engineering)	2016	7.8
Pondicherry Engineering College, Puducherry.	B.tech (Mechanical Engineering)	2011	7.4 CGPA
St. Patrick Matric Hr. Secondary School, Puducherry.	XII Standard	2007	93.16%
St. Patrick Matric Hr. Secondary School, Puducherry.	X Standard	2005	89.09%

Skill Set

Programming Languages : C,Unix,PL/SQL

Packages : MS Office

Applications : **CATIA, ANSYS, AUTOCAD**

Area of Interest

- Engineering Thermodynamics
- Material science
- IC engines
- Manufacturing Technology
- Fluid Mechanics

Subject handled

- Thermodynamics
- Manufacturing Technology
- Heat and Mass transfer

List of publications

- **Published paper** titled, “Chopped strand & woven roven glass fiber reinforced polymer nanocomposite-investigation of thermal and wear behavior”, “International journal of management technology and engineering”, DOI: 16.10089/IJMTE.
- Paper titled, “Characterization and dynamic mechanical analysis of woven roving glass fiber/ cerium- zirconium oxide-epoxy nanocomposite materials”, “Material Research Express”, IOP Publication, doi.org/10.1088/2053-1591/ab2f64 (**Impact-1.5**)
- “Thermal and wear analysis of epoxy nanocomposite reinforced with chopped strand mat glass fiber”, AIP Conference Proceedings **2128**, 020019 (2019); <https://doi.org/10.1063/1.5117931>
- “Effect on the behavior of dynamic mechanical analysis for hybrid epoxy nanocomposite”, Materials Today, <https://doi.org/10.1016/j.matpr.2020.05.055> (**Impact-0.3**)
- “Characterization and dynamic mechanical analysis of woven roven glass fiber/cerium-zirconium oxide epoxy nanocomposite materials”, Mater. Res. Express 6 (2019) 095057 <https://doi.org/10.1088/2053-1591/ab2f64>
- “Chopped strand & woven roving glass fibre reinforced polymer nanocomposite-investigation of thermal and wear behavior”, ICONN 2019- SRM University Chennai.
- “Visco elastic behaviour of hybrid epoxy nanocomposite”, TECHOWN 2018- Bharath University Chennai

Presentation

- Presented paper in International conference, “ICMMM 2019”- Bannari Amman Institute Erode, “ICONN 2019”- SRM University Chennai, “ICACSE 2018”-NIT Trichy, “TECHOWN 2018”- Bharath University Chennai.

Personal Information

- Father's Name : Vasudevan.V
- Spouse Name : Rajaganesh
- Occupation : Test Lead, HCL, Sollinganallur
- Date of Birth : 19.03.1990
- Nationality : Indian
- Languages Known : English & Tamil (speak, read and write),Telugu(Speak)