

Arun. A,

No 3/33 Mettu street,
T.Devanur, Thirukoilur Taluk
Villupuram District - 605752

arun26a@gmail.com
9659931746

CAREER OBJECTIVE:

To excel in an academic career that enhances my skills and interests and to dedicate myself to teaching, research and contribute towards the goal of the organization.

PROFESSIONAL SUMMARY:

Working as an Assistant professor in the department of mechanical engineering for almost 2 years in Veltech High-tech Dr.Rangarajan Dr.Sakunthala Engineering college, Avadi, Chennai.

- Carry teaching load of 6 courses annually .
- NIRF coordinator for the department.
- AICTE - CII survey coordinator for the department
- Worked as Assistant Head of the department of 1.5 years.
- NPTEL coordinator for the department.
- Laboratory incharge for all laboratories in mechanical department.

SUBJECTS TAUGHT:

- Fluid mechanics
- Kinematics of Machinery
- Dynamics of machinery

EDUCATIONAL PROFILE:

POST GRADUATE	M.E, Engineering Design, College Of Engineering Guindy, Anna University, Chennai, 2016, First Class.
UNDER GRADUATE	B.E, Mechanical Engineering, S.K.P Engineering College, Thiruvannamalai, 2013, First class.
HIGHER SECONDARY	Sri Lakshmi Vidhyalaya Matriculation Higher Secondary School, Arakandanallur, Villupuram, 2009, 84%
SECONDARY	Sri Lakshmi Vidhyalaya Matriculation School, Arakandanallur, Villupuram, 2007, 82%

FACULTY DEVELOPMENT PROGRAMMES ATTENDED:

- Attended 7 days FDP “ME 6401 Kinematics of machinery” in Esawri Engineering College, Porur, Chennai.
- Attended 1 day FDP “Catia Kinematics” in CADD centre, Mylapore, Chennai.
- Attended 7 days FDP “ME 6502 Heat and Mass transfer” in Veltech owned by RS.Trust, Avadi, Chennai.

PAPERS PUBLICATIONS:

- Published a paper titled “Tribological studies of Al₂O₃ reinforced ultra-high weight molecular polyethylene “in Annexure II, on February, 2017.
- Published a paper titled “Synthesis and Properties evaluation of biopolymer composites” on “IJIRSET” Volume 4, Special Issue 4, April 2015

PAPERS PRESENTED:

- ❖ Attended a National conference named “RECENT TECHNOLOGICAL ADVANCEMENT IN AUTOMOTIVE INDUSTRY” in “Sri Krishna College of Engineering and Technology” at Coimbatore and presented paper titled “Synthesis and Properties of Biopolymer Composites”.
- ❖ Attended a National conference named “National Conference on Emerging Trends in Civil, Computer, Electrical, Electronics, and Mechanical Engineering” in “Shri Saptagiri Institute of Technology” and presented paper titled “Synthesis and Properties of Biopolymer Composites”

ACADEMIC PROJECTS:

POST GRADUATE: “SYNTHESIS AND PROPERTIES EVALUATION OF BIOPOLYMER COMPOSITES UHMWPE” - Polymer composites were synthesized by reinforcing of bio inert aluminium oxide (Al₂O₃) using compressed injection moulding. Properties like Shore Hardness, Tensile strength, Wear rate and microstructure of the polymer composites and pure aluminium oxide were studied and investigated.(Published as a journal).

UNDER GRADUATE: “DESIGN AND ANALYSIS OF MAGNETO RHEOLOGICAL BRAKING SYSTEM” – Magneto rheological fluid is introduced in the cavity of a braking disc

and made to push brake pad over the disc by inducing a strong magnetic field of induction. thus the MR fluid gets solidized so that the disc cannot rotate freely, hence braking is provided.

SKILL SET:

MS Office Package.

DESIGN SOFTWARE:

AutoCAD,
Pro Engineer,
Ansys.

AREA OF INTEREST:

Dynamics, Kinematics,
Finite Element Analysis,
Design of Transmission Systems,
Fluid Mechanics.

CO-CURRICULAR ACTIVITIES

- Industrial Visit to Diamond Tubes, Chennai.
- Participated in “Fail Safe Design Workshop” held at CEG, Anna University.
- Participated in “Energy conserving and Auditing Techniques” workshop held at Prism University, Pondy.
- School Second in 12th Standard.
- Completed Diploma in Computer Application (DCA).

EXTRACURRICULAR ACTIVITIES

Won “RAJYAPURASKAR” Award in National Scouts in school level.

PERSONAL PROFILE:

Father’s name	:	Anbarasu. M
Mother tongue	:	Tamil
Nationality	:	Indian
Sex/Marital Status	:	Male/Single
Date of birth	:	26.07.1992

Languages Known : Tamil, English, Hindi (read and write only)

Hobbies : Reading Books and Mangas,

Address(permanent) : No 3/33, Mettu street, T.Devanur, Thirukoilur

Villupuram District, Tamilnadu – 605752.

DECLARATION:

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

Place : Chennai

Date : [Arun. A]