




AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.

Ph: 044 – 26842627 / 26842086

DEPARTMENT OF MECHANICAL ENGINEERING

NAME & INITIALS	T N JAFAR ALI	
DESIGNATION	ASSISTANT PROFESSOR	
EDUCATIONAL QUALIFICATION	M.E	
EXPERIENCE	6 YEARS 7 MONTHS	
DATE OF JOINING	23/7/2015	
EMAIL ID	tn.jafarali@aalimec.ac.in	
AREA OF SPECIALISATION	THERMAL ENGINEERING (WITH SPECILIZATION IN REFRIGERATION AND AIR CONDITIONING	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
M.E	THERMAL ENGINEERING (WITH SPECILIZATION IN REFRIGERATION AND AIR CONDITIONING	ANNA UNIVERSITY – CEG CAMPUS	ANNA UNIVERSITY	2013-2015
B.E	MECHANICAL ENGINEERING	ANNA UNIVERSITY REGIONAL CENTRE-TRICHY	ANNA UNIVERSITY	2008-2012

PROFESSIONAL MEMBERSHIPS

IAENG – INTERNATIONAL ASSOCIATION OF ENGINEERS
Member in SAKSHAT Leverage powers of ICT in higher Education under MHRD Govt. of India
INDIAN SOCIETY OF TECHNICAL EDUCATION (ISTE)

FDP ATTENDED

Attended an Faculty Development Training Program on **Thermal Engineering**, from 7th-11th December 2015 at MAM Engineering College, Trichy.

Participated in Faculty Development Training Program on **Engineering Mechanics**, from 22nd-26th April 2019 at Aalim Muhammed Salegh College of Engineering, Chennai.

Participated in Three days Online Faculty Development Program on **“Virtual Training for Renewable Energy Systems”** from 28th May 2020 to 31st May 2020 at S.A.Engineering College, Chennai.

Participated in One Week Faculty Development Programme on **“Future Materials:Nanocomposites”** from **15th June 2020 to 21st June 2020**, at **Bharati Vidyapeeth college of Engineering, Pune.**

Participated in Online Faculty Development Program on **“Advances im Composite Materials And Manufacturing Process”** from 22/06/20 to 26/06/2020 at ST.Anns College of Engineering and Technology.

Participated in One Week National Level Online Faculty Development Programme on **“Recent Trends in Mechatronics and Automation”** from **30th June to 04th June 2020**at NBN Sinhgad School of Engineering, Pune.

Participated in One Week Online Faculty Development Programme on **“Lost Foam Castings”** (LFC- 2020) from 20th to 25th July 2020 at Sree Chaitanya College of Engineering, Karimnagar.

Participated in One Week Faculty Development Programme on **“Research in Energy Technologies”** from 6th July 2020 to 11th July 2020 at Bharath Vidyapeeth College of Engineering, Pune.

Participated in Five Days Online Faculty Development Program on **“Open FOAM’** from 29.06.2020 to 03.07.2020 at V.K.R, V.N.B & A.G.K College of Engineering, Andhra Pradesh.

Participated in Five Days National Level Online Faculty Development Program on **“Finite Element Analysis Practice and MATLAB”** from 13.07.2020 to 17.07.2020 at Tontadarya College of Engineering, Karnataka.

Participated in Five Days Faculty Development Program on **“Applications of Thermodynamics”** from 13th to 17th July,2020 at PES Institute of Technology and Management, Shivamoga.

Participated in Five Days Faculty Development Training Program on **“Advancements and Futuristic Trends in Material and Mechanical Engineering”** during 27th to 31st July, 2020 at Bangalore Institute of Tecnology.

Participated in International Faculty Development Training Program on **‘Innovation in Materials for Advancements in Mechanical Indutries’** from 17.01.2022 to 21.01.2022 at Anand International College of Engineering, Jaipur.

Participated in Faculty Development Training Program on “Materials for Sustainability of Transportation \ninfrastructure” held from 01.02.2022 to 05.02.2022 at Vivekananda Institute of Technology , Jaipur.
Participated in Faculty Development Training Program on “ME 8493 Thermal Engineering” held from 09.02.2022 to 11.02.2022 at JCT College of Engineering and Technology.
Participated in online Faculty Development Training Program on the theme “Inculcating Universal HumanValues in Technical Education” conducted at AICTE from 31 st May 2021 to 4 th June 2021.
Successfully completed the AICTE – ISTE approved Orientation/Refresher Program on “Recent Advances in Materials Science and Engineering” held during 18.01.2022 to 24.01.2022 organised by SVERI’s College of Engineering, Pandharpur, Maharashtra.
Participated in Faculty Development Training Program on “ Additive Manufacturing Present and Future Trends” at Vallurupalli Nageswara Roa Institute of Engineering an Technology from 01 st November 2021 to 06 th November 2021.

WORKSHOPS ATTENDED
Attended a One day workshop on “Recent trends in Civil and Mechanical Engineering” at Anna University Regional Centre, Trichy.
Participated in Three days workshop on “NAAC Assesment and Accreditation: A Step by Step Process” on 28 th to 30 th May, 2020 at Gates Institute of Technology, Andhra Pradesh.
Participated in Six days Online National Workshop on “Technical Document Preparation Using Latex” from 8 th June 2020 to 13 th June 2020.at Dr. S. & S.S Ghandhy Government Engineering Voolege, Surat.
Participated in Two days Online Workshop on “Conducting Online Classes and Webinars” at Dwaraka Doss GoverdhanDoss Vaishnav College ,Chennai on 8 th and 9 th July 2020.
Participated in One Week Workshop on “Advances in Manufacturing Processes” from 13 th July 2020 to 17 th July 2020 at Bharqat Institute of Engineering and Technology.
Attended a One day National workshop on Academic and Research \writing \organized by department of English on 4 th January 2022 atShri Muktanand College, Aurangabad.

SEMINARS ATTENDED

Participated in Seminar on **“Advancement of Heat Treatment process”** at Anna University Regional Centre, Trichy

Participated in One day Online Webinar on **“3D Printing Technology ”**held on 13th June 2020 at Integrated Intelligent Research, Chennai.

Participated in One day Online Webinar on **“Additive Manufacturing For Biomedical Manufacturing and its Challenges”** on 13.06.2020 at Arasu Engineering College, Kumbakonam.

Participated in One day Online Webinar on **“Aluminium Alloy Nanocomposites and its Characterization”** on 13th June 2020 at Kings College of Engineering.

Participated in One day Online Webinar on **“Application of PCM Nanofluids in Thermal Power Plants”** on 08.07.2020 at Francis Xavier Engineering College, Tirunelveli.

Participated in One day Online Webinar on **“Computational Fluid Dynamics”** on 12th June 2020 at Loyola Institute of Technology, Chennai.

Participated in One day Online Webinar on **“Heat Transfer Enhancement Techniques for metal Hybrid based Hydrogen Storage System”** on 24.06.2020 at Chalapathi Institute of Engineering and Technology.

Participated in the International Webinar on **“Thermal Degradation study of Multi layer Composites for Aircraft Interiors”** on 24.06.2020 at Panimalar Institute of Technology, Chennai.

Participated in One day Online Webinar on **“Functionally graded Metal Matrix Composites”** on 26th June 2020 at Hindusthan Institute of Technology, Coimbatore.

Participated in One day Online Webinar on **“Advances and Current Trends in Aerospace Research with Current Samples “** on 27.06,2020 at Francis Xavier Engineering College, at Tirunelveli.

Participated in One day Online Webinar on **“Challenges in Metal Additive Manufacturing”** on 29th June 2020 at EGS Pillay Engineering College,

Participated in One day Online Webinar on **“Nano Fluid in Solar Energy Utilization”** on 11.07.2020 at Francis Xavier Engineering College .

Participated in One day Online Webinar on **“Introduction to HVAC & R”** on 20.07.2020 at AAA College of Engineering and Technology, Sivakasi.

Participated in Webinar on **“ Friction Welding and Allied Processes”** at Arasu Engineering College, Kumbakonam on 27.01.2022

Participated in Webinar on **“Recent Trends in Additive Manufacturing Technology”** on 29.01.2022. at JCT College of Engineering and Technology.

PUBLICATION DETAILS

H.Ramesh Krishnan, and T N Jafar Ali, "ENERGY CONSERVATION OF AN UNDERFLOOR AIR DISTRIBUTION SYSTEM IN A HIGH CEILING SPACE", September 2016.

T.N. Jafar Ali , Ayaz Ahmed & Sheik Mohamed ,” Experimental study on Solar Water Desalination using Phase Change Material”, An International open access journal , published in Volume 6 Issue 3, March 2019.

Ayaz Ahmed, Jafar Ali. T.N., Sheik Mohamed. M Published a Paper titled “Influence of Cu on Wear and Corrosion Behaviour of Al-Sic-Cu MMC by Powder Metallurgy” in Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162) on 04-05-2019

CONFERENCE DETAILS

Presented a paper entitled with ‘Experimental Study on Heat Transfer Enhancement in a Plain Tube Fitted with Twisted Tape Insert with Holes by Using Water Based Alumina Nanofluid’ A International Conference on THERMAL ANALYSS AND ENERGY YSTEMS (ICTASE 2018) held at Hindusthan College of Engineering and Technology, Coimbatore.

International Intellectual Convergence on Advances on Sciences and Engineering organized at Aalim Muhammed Salegh College of Engineering.

Presented a paper titled “**Role of Nano Additives in Lubricating Oil in Performance of Air Conditioning System**” in 7th Internal e-Conference on 6th June 2021.

ACHIEVEMENT DETAILS

Produced Hundred Percent result in Teaching Automobile Engineering

Secured **Elite Status** for NPTEL Course on Manufacturing Processes – **Casting and Joining.**

Secured “**ELITE**” in NPTEL for the Subject “**JOINING OF METALS**”

Secured “**ELITE + SILVER**” in NPTEL for the Subject “**PRODUCT DESIGN AND DEVELOPMENT**”