




## AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

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

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### DEPARTMENT OF MECHANICAL ENGINEERING

<b>NAME &amp; INITIALS</b>	SHEIK MOHAMED M	
<b>DESIGNATION</b>	ASSISTANT PROFESSOR	
<b>EDUCATIONAL QUALIFICATION</b>	M.E	
<b>EXPERIENCE</b>	6 YRS AND 5 MONTHS	
<b>DATE OF JOINING</b>	11/7/2016	
<b>EMAIL ID</b>	m.sheikmohamed@aalimec.ac.in	
<b>AREA OF SPECIALISATION</b>	THERMAL ENGINEERING	

### EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
M.E	THERMAL ENGINEERING	OXFORD ENGINEERING COLLEGE	ANNA UNIVERSITY	2012-2014
B.E	MECHANICAL ENGINEERING	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	ANNA UNIVERSITY	2008-2012

### PROFESSIONAL MEMBERSHIPS

IAENG – INTERNATIONAL ASSOCIATION OF ENGINEERS

INDIAN SOCIETY OF TECHNICAL EDUCATION (ISTE)

### FDP ATTENDED

Attended an AICTE sponsored Faculty Development Training Program Course on Thermal Engineering, from 10th-16th December 2014 at Hindusthan College of Engineering and Technology, Coimbatore.

Attended a National Level Online Short Term Training Programme on “HVAC Systems – Types, Design, Energy Conservation Measures and Applications”, from 22rd-27th March 2021 at Hindusthan College of Engineering and Technology, Coimbatore.

Attended an Online International Faculty Development Programme on “Solar Energy Applications”, from 14th-17th July 2020 at Hindusthan College of Engineering and Technology, Coimbatore.

Attended a Faculty Development Programme Conducted by PALS on “Virtual Labs”, from 06th-09th September 2021

Attended an SAEINDIA sponsored Faculty Development Training Programme on “ME8694 Hydraulics and Pneumatics”, from 01st-05th February 2021 at SaiRam Engineering College, Chennai

### WORKSHOPS ATTENDED

### SEMINARS ATTENDED

### PUBLICATION DETAILS

“Investigation on effect of TiN, TiAlN & DLC-triple layer coated carbide tool in machining of Al-Si 4032 alloy” Materials Today: Proceedings, 2021, doi:10.1016/j.matpr.2021.10.197.

“Experimental Study on Heat Transfer Enhancement in A Plain Tube Heat Exchanger Fitted with Tested Tape Insert with Different Twist Ratio by using Water Based Al<sub>2</sub>O<sub>3</sub> Nano fluid” Journal of Emerging Technologies and Innovative Research, May 2019, Volume 6, Issue 5, ISSN-2349-5162

B.Ashiq, Ayaz Ahmed, J.Habeeb Rahman, M.Sheik Mohamed, “ANALYSIS OF PALM & COCONUT COIR FIBRE REINFORCED COMPOSITES”, International Journal of Creative Research Thoughts, Vol. 5, Issue 3, September 2017..

### 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.

Presented a paper entitled with "Investigation on Effect of TiN, TiAlN & DLC – Triple Layer Coated Carbide Tool in Machining of Al-Si 4032 Alloy" A International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2021) held at D Y Patil College of Engineering and Technology. Maharashtra

### ACHIEVEMENT DETAILS

"Active SPOC" for SWAYAM – NPTEL Local Chapter for Jan-Dec 2020

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Secured " ELITE + SILVER" grade in NPTEL EXAMINATION course on "Product Design and Development" in Sep-Oct 2020

Secured " ELITE" grade in NPTEL EXAMINATION course on "Manufacturing Processes : Casting and Joining" in Jan-Feb 2021

### PATENTS FILED

Filed a Patent on "AN AUTOMATIC MCHINE TO REMOVE CONTAMINANTS FROM VEHICLE BODY SURFACE BEFORE PAINTING". Filed on 04/12/2020. Application No: 202041052961A