



## AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

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

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### DEPARTMENT OF MECHANICAL ENGINEERING

NAME & INITIALS	AYAZ AHMED	
DESIGNATION	ASSISTANT PROFESSOR	
EDUCATIONAL QUALIFICATION	M.E.,	
EXPERIENCE	11 YEARS	
DATE OF JOINING	14-02-2011	
EMAIL ID	ayazahmed.engr@gmail.com	
AREA OF SPECIALISATION	CAD	

### EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
M.E.	CAD	B.S. ABDUR RAHMAN CRESCENT ENGINEERING COLLEGE	ANNA UNIVERSITY	2010
B.E.	MECHANICAL ENGINEERING	C. ABDUL HAKEEM COLLEGE OF ENGINEERING & TECHNOLOGY	ANNA UNIVERSITY	2008

### PROFESSIONAL MEMBERSHIPS

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

FDP ATTENDED
Attended a Training Programme at <b>Design and Development Center (D &amp; D Center)</b> at Integral Coach Factory (ICF)
Participated in FDP on <b>Teaching Tool Enhancement</b> held at Aalim Muhammed Salegh College on the 16 <sup>th</sup> and 17 <sup>th</sup> December, 2013
Participated in FDP on <b>Engineering Graphics</b> held at Aalim Muhammed Salegh College on the 2 <sup>nd</sup> and 3 <sup>rd</sup> July 2013
Participated in FDP on <b>Design Flow Tools</b> held at Aalim Muhammed Salegh College on the 3 <sup>rd</sup> and 4 <sup>th</sup> December, 2012
Basic Training and Certification Program in <b>"Creo parametric 2.0"</b> -8 th May 2013 to 10th May 2013 organized by TRUE PINK Academic Solutions, Chennai.
Participated in FDP on <b>"Tools to Enhance Learning and Teaching"</b> held at Aalim Muhammed Salegh Polytechnic College on the 11 <sup>th</sup> and 14 <sup>th</sup> MAY 2020
Participated in FDP on <b>Architectural design using Sketchup (Online Live FDP) by ICT Academy</b> from 21 Sep 2020 to 25 Sep 2020
Participated in FDP on <b>Digital Teaching Techniques (Online Live FDP) by ICT Academy</b> from 18 Jan 2021 to 23 Jan 2021

WORKSHOPS ATTENDED
Attended a two day WORKSHOP on <b>"COMPOSITE MATERIALS – A RESEARCH PERSPECTIVE"</b> at B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai.
Workshop on <b>ROBOTICS</b> 26th -27th Feb 2015 at Aalim Muhammed Salegh College of Engineering.

SEMINARS ATTENDED
Attended a two day Training Programme on <b>"RESEARCH PAPER WRITING"</b> at CLRI, Chennai.
Attended a two day Training Programme on <b>ANSYS Tools</b> at Innovent Engineering Solutions Pvt. Ltd.
Participated in the webinar on <b>"FUNDAMENTALS OF STRENGTH OF MATERIALS"</b> presented by Dr. A. Arockiarajan , Professor, Applied Mechanics Department, IIT MADRAS, organised by Chennai Institute of Technology, on 29 <sup>th</sup> April 2020.
Participated in the webinar on <b>"DESIGN FOR ENERGY : A METHODOLOGICAL NOTE"</b> organised by Department of Mechanical Engineering, SCAD College of Engineering and Technology, Cheranmahadevi on 18/05/2020.

Participated in the webinar on <b>“FUNCTIONALLY GRADED METAL MATRIX COMPOSITES”</b> presented by Dr. S. SURESH KUMAR, Professor, Kalasalingam Academy of Research and Education, organised by HITECH, on 26 <sup>th</sup> June 2020.
Online Webinar on “Virtual Manufacturing Planning” organized by Department of Mechanical Engineering, by Mandsaur University, Mandsaur, M.P. on 04/ July/2020

PUBLICATION DETAILS
P.Muni Raja Chandra, <b>Ayaz Ahmed</b> , Mohd.F.Shabir, S.Mohamed Abbas. Prediction on Increasing the Efficiency of Single Cylinder DI Diesel Engine Using EGR System. International Journal of Modern Engineering Research ISSN: 2249–6645 Vol-5, Issue3, March-2015.
B.Ashiq, <b>Ayaz Ahmed</b> , J. Habeeb Rahman, M. Sheik Mohamed. Analysis of Palm & Coconut Coir Fibre Reinforced Composites. 2017 IJCRT   Volume 5, Issue 3 September 2017   ISSN: 2320-2882.
<b>Ayaz Ahmed</b> , 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
Attended a National Level Conference on <b>Nano-Technology</b> at AMS College of Engineering on 16 <sup>th</sup> August, 2012
International Intellectual Convergence On Advances in Science and Engineering IIASE2017 organised by Aalim Muhammed Salegh College of Engineering.
Presented a paper on “Structural and Thermal Analysis of Wheel and Axle of Railway Passenger Coach using [F.E.M]” at National Level Conference at Don Bosco Institute of Technology, Bangalore, 2010.

ACHIEVEMENT DETAILS
Resource person for <b>“ENGINEERING MECHANICS”</b> at Aalim Muhammed Salegh College of Engineering, Chennai.
Resource person for <b>“Competency Building Strategy and the Technology for Sustainable Development”</b> at Sree Sakthi Kailash College for Women, Salem.
Produced 100% result in Teaching <b>Unconventional Machining Processes</b> .
Awarded Certification of Distinction in Teaching the subject Nuclear Engineering for two consecutive years.

Secured <b>Elite + Silver Status</b> for NPTEL Course on <b>Fundamental of Manufacturing Processes</b> .
Secured <b>Elite Status</b> for NPTEL Course on Manufacturing Processes – <b>Casting and Joining</b> .
Secured <b>“ELITE”</b> in NPTEL for the Subject <b>“JOINING OF METALS”</b>

<b>PATENTS FILED</b>
Filed a Patent on “Universal Fluid Flow Fixture”. Design No: 353669-001 CLASS: 08-08, Registered on 25/11/2021. Design Accepted and Published, Journal No: 02/2022 and Journal Date: 14/01/2022.