




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	HABEEB RAHMAN .J	
DESIGNATION	ASSISTANT PROFESSOR	
EDUCATIONAL QUALIFICATION	M.E.,	
EXPERIENCE	7 YEARS 5 MONTHS	
DATE OF JOINING	22.09.2014	
EMAIL ID	j.habeebrahman@aalimec.ac.in	
AREA OF SPECIALISATION	Manufacturing, natural fiber/ particulate composites	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
M.E.,	MANUFACTURING ENGINEERING	ACCET, Karaikudi – 630 004. (A Government Autonomous Institution)	ANNA UNIVERSITY, CHENNAI	2014
B.E.,	MECHANICAL ENGINEERING	P.S.R. ENGINEERING COLLEGE, Sivakasi-626 140.	ANNA UNIVERSITY, CHENNAI	2012

PROFESSIONAL MEMBERSHIPS

Member of Indian Society of Technical Education
Member in SAKSHAT Leverage powers of ICT in Higher education under MHRD Govt of India
MEMBER IN INTERNATIONAL ASSOCIATION OF ENGINEERS (IAENG)

FDP ATTENDED

Attended one –week FDP on “Post COVID green and sustainable development practices in Manufacturing Industries” at CVR College of engineering, Hyderabad 17th to 21st January 2021.

Attended 7 days FDP on “Exploring Dynamics of the Classroom – NEP and NAAC Perspective “ organized by IQAC of ST PALS COLLEGE, Bengaluru from 20th to 28th January 2022.

Attended FDP on “**ENGINEERING MECHANICS**” held at Aalim Muhammed Salegh College of Engineering, Chennai.

Attended FDP on **ENGINEERING GRAPHICS** held at Aalim Muhammed Salegh College of Engineering during 29th June – 05 July 2015

Completed A two day online FDP on ‘Radiation Effects on Polymers and Advances in Organic Optoelectronic Devices’ on 2nd & 3rd Feb, 2022 at VAAGDEVI college of Engineering, Warrangal.

WORKSHOPS ATTENDED

Participated in the workshop on “**RESEARCH TRENDS IN MECHANICAL ENGINEERING**” at NIT in **TIRUCHIRAPPALLI** during AUGUST 29.08.16 – SEPTEMBER 03.09.16

One week Training on CNC (**turning and milling**) conducted by **MTAB during** (03/10/2011-08/10/2011)

Three days workshop on “Surface Production of Metals” conducted by dept. of mechanical engg. ACCET, Karaikudi-04 (OCT 2013) (28/10/2013-30/10/2013)

Workshop on ‘Implementation of Artificial Intelligence in Engineering Application’ in Sun College of engg. And tech. on 13th Aug 2011.

Workshop on **ROBOTICS** 26th -27th Feb 2015 at Aalim Muhammed Salegh College of Engineering.

Completed the AICTE Sponsored Six Days online STTP-Phase –III on “ Manufacturing Applications Micromachining with Emphasis on Make in India” organized by Dept. of Mechanical Engineering, R.M.K College of Engineering and Technology from 14th to 19th December 2020.

One day workshop on “Non –Destructive Testung” conducted by SMEC held at AMSCE on 13.12.2021

SEMINARS ATTENDED

Attended a seminar on “**Natural fiber composites**” at ACCET, karaikudi.

Participated in the live webinar on “RECENT TRENDS IN ADDITIVE MANUFACTURING TECHNOLOGY” conducted by Department of mechanical engineering of JCT College of Engineering and Technology on 29.01.2022

Attended the PALS CAMPUS EVENT – ACQUIRE, virtually hosted by VIT & LOYOLA ICAM college of engineering and Technology on 24th AUG, 2020

Attended a seminar on “ **Heat treatment on steels**” at Aalim Muhammed Salegh College of Engineering (2015)

PUBLICATION DETAILS

B.Ashiq, Ayaz Ahmed, **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.

Investigation on Mechanical Behavior of Bio-Particulates Composites. 2019 JETIR January , Volume 6, Issue 1 (ISSN-2349-5162)

M.M. Ravikumar, S Suresh Kumar, R Vishnu Kumar, **J Habeeb Rahman** S Nandakumar, , and J Ashok Raj. MANUSCRIPT (Paper ID- AIP-M-06-2021-100) entitled "Evaluation on mechanical behavior of AA2219/SiO₂ composites made by stir casting process” has been reviewed by the committee and it has been accepted for Publication in AIP conference Proceedings which is indexed in Scopus and Web of Science

CONFERENCE DETAILS

Presented paper on “Investigation on Mechanical Behaviors of Bio- Particulated Composites” in the National Conference on RTIMADE-14 on 5th April in SEC, Pudukottai.

International Intellectual Convergence On Advances in Science and Engineering IIASE2017 organized by Aalim Muhammed Salegh College of Engineering.

Presented a paper titled FINITE ELEMENT ANALYSIS OF LASER TEXTURING USING ELEMENTAL BIRTH AND DEATH METHOD in 7th International e-conference on Green Technologies for power generation, communication and Health Care on 6th June 2021 organized by dept. of ECE,EEE, & BME at SPIHER,

Chennai.

ACHIEVEMENT DETAILS

Secured " ELITE" grade in NPTEL EXAMINATION course on "Fundamentals of Manufacturing Processes " in Jul-oct 2021

Successfully completed in NPTEL EXAMINATION course on "Manufacturing Processes : Casting and Joining" in Jan-Feb 2021

Mentor for Team Poros in RALLY CAR DESIGN CHALLENGE (RCDC) held at Bikaner, Rajasthan on Oct - 2019 and secured 5th place in Overall Championship.

Outstanding performance in E-QUIZ ' Pep – up Science -2020 on 16/05/2020 Organized by the department of chemistry (SF),Kamaraj College , Thoothukudi.

PATENTS FILED

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.