




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	RAMKUMAR S	
DESIGNATION	ASSISTANT PROFESSOR	
EDUCATIONAL QUALIFICATION	B.E, M.E, Ph.D	
EXPERIENCE	11 YEARS	
DATE OF JOINING	13 / 08 / 2015	
EMAIL ID	s.ramkumar@aalimec.ac.in	
AREA OF SPECIALISATION	LASER PROCESSING, NDT AND COMPOSITES.	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
B.E	MECHANICAL	ANNAMALAI UNIVERSITY	ANNAMALAI UNIVERSITY	2006
PGDC	WELDING	SCHOOL OF ADVANCED ENGINEERING AND INFORMATION TECHNOLOGY	IIT-M	2008
M.E	MECHANICAL	BITS-PILANI	BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE PILANI	2012
PhD	PRODUCTION ENGINEERING	NATIONAL INSTITUTE OF TECHNOLOGY-TIRUCHIRAPPALLI	NATIONAL INSTITUTE OF TECHNOLOGY-TIRUCHIRAPPALLI	2020

PROFESSIONAL MEMBERSHIPS

INSTITUTE OF RESEARCH ENGINEERS AND DOCTORS

INTERNATIONAL ASSOCIATION OF ENGINEERS

SEEK DIGITAL LIBRARY

FDP ATTENDED

“Managing online classes & co-creating MOOC’s”, sponsored by MHRD and conducted by Ramanujan College, New Delhi – **Two week.**

“Smart Materials for Intelligent Future: Industrial and Defence Perspective”, sponsored by AICTE and conducted by K.S.Rangasamy College of Technology – **One Week STTP.**

“3D Printing and Additive Manufacturing for Industrial and Bio Medical Application”, sponsored by AICTE and conducted by Sathyabama Institute of Science and Technology – **One week.**

“OBE and NBA Accreditation”, sponsored by AICTE and conducted at Rajalakshmi Engineering College, Chennai – **One week.**

“CAM using Fusion 360”, sponsored by Aalim Muhammed Salegh College of Engineering and conducted by ICT Academy (Online) – **One week.**

“Teaching Techniques with Gamification” sponsored by Aalim Muhammed Salegh College of Engineering and conducted at DMI Engineering College – **Three Days.**

WORKSHOPS ATTENDED

“Additive Manufacturing”, sponsored by SA Engineering College – **Two days.**

“Rapid Prototyping” sponsored by Birla Institute of Technology and Science, Pilani – **Two days.**

“Latest trends in fabrication, characterization & analysis of composite materials” sponsored by Science Engineering Research Board and conducted at SA Engineering College – **Two days.**

PUBLICATION DETAILS

Ramkumar Sathiyamurthy, Muthukannan Duraiselvam, 'Selective ablation of CFRP composite to enhance adhesion bonding', Materials and Manufacturing Processes, Vol(34), Issue-11, 2019.

Sathyavageeswaran Sathish, Sathiyamurthy Ramkumar, Manivasagam Geetha, "Drilling performance and wear characteristics of coated drill bits during drilling reinforced concrete", International Journal of Applied Ceramic Technology, Vol(16), 2019.

Ramkumar Sathiyamurthy, "Artificial neural network prediction of ultimate tensile strength of randomly oriented short glass fibre-epoxy composite specimen using acoustic emission parameters", Advanced Composites Letters, Vol: 24, Issue:5, 2015.

Ramkumar Sathiyamurthy, Muthukannan Duraiselvam, "A combined artificial neural network and acousto-ultrasonic approach towards prediction of tensile strength of glass fiber reinforced composite", International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering Systems, Accepted article. (Organized by Department of Production Engineering, NIT-T).

"Experimental investigation of the effect of independent parameters in the face milling of aluminium 6082 alloy", Transactions of the Indian Institute of Metals, Accepted on 13/12/2020.

"Acoustic emission based deep learning technique to predict the adhesive bond strength of laser processed CFRP composite", FME Transactions, Vol:48, Issue: 3, Page no.: 611 – 619. 2020.

CONFERENCE DETAILS

International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering Systems, Organized by Department of Production Engineering, NIT-T.

ACHIEVEMENT DETAILS

Acted as resource person for faculty development programme on Engineering Metallurgy and delivered a lecture on “*Heat treatment of Ferrous alloys and Aluminium alloys*”.

Mentored and contested in INNOWAH competition held at IIT-M and won Rs.5000/- cash prize.

Certificate of appreciation for design and fabrication of project titled “Enhanced BioToilet System” with Rs.10,000/- institute fund.