




## AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

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

Ph: 044 – 26842627 / 26842086

### DEPARTMENT OF MECHANICAL ENGINEERING

<b>NAME &amp; INITIALS</b>	R MANIKANDAN	
<b>DESIGNATION</b>	ASSISTANT PROFESSOR	
<b>EDUCATIONAL QUALIFICATION</b>	M.E	
<b>EXPERIENCE</b>	15 YRS	
<b>DATE OF JOINING</b>	09 / 08 / 2010	
<b>EMAIL ID</b>	r.manikandan@aalimec.ac.in	
<b>AREA OF SPECIALISATION</b>	CAD/CAM	

### EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
B.E	MECHANICAL	ADHIYAMAN COLLEGE OF ENGINEERING	PERIYAR UNIVERSITY	2004
M.E	CAD/CAM	MADHA ENGINEERING COLLEGE	ANNA UNIVERSITY	2010

### PROFESSIONAL MEMBERSHIPS

IAENG – INTERNATIONAL ASSOCIATION OF ENGINEERS

INSTITUTE OF RESEARCH ENGINEERS AND DOCTORS

INTERNATIONAL ASSOCIATION OF ENGINEERS

SEEK DIGITAL LIBRARY

ISTE – LIFE MEMBER

#### FDP ATTENDED

Short term Course on NanoMaterials: Characterization & Application 29<sup>th</sup> Oct – 02 Nov 2018 at NITTR Chandigarh.

Faculty Development Programme on VLSI design flow tools and Lab view based system design 3<sup>rd</sup> -4<sup>th</sup> Dec 2012 at Aalim Muhammed Salegh College of Engineering

#### WORKSHOPS ATTENDED

- One day workshop on syncoated approach & skill matrix in effective communication on 9<sup>th</sup> jan-2010 at P.B.College of Engineering, Chennai.
- 6<sup>th</sup> INUP-“Nano Fabrication Technologies” Familiarization Workshop at IIT-BOMBAY during the period of 30 Nov-2011 to 04-Dec-2011
- 9<sup>th</sup> INUP-HANDS ON TRAINING- “Nano Fabrication Technologies” Workshop at IIT-BOMBAY during the period of 30 Nov-2011 to 04-Dec-2011

#### SEMINARS ATTENDED

- NATIONAL LEVEL AICTE SPONSORED SEMINAR-“KAIZEN-The stepping stone for innovation and invention” at Rajalakshmi Engineering College, Chennai during the period of 20<sup>th</sup> & 21<sup>st</sup> March 2009.
- Presented a paper –Performance and analysis of GFRP-hybrid composite Joint On 01<sup>st</sup> April 2011 at Madha Engineering College, Chennai

### PUBLICATION DETAILS

Investigation on the thermal properties of the multilayered ceramic coatings deposited using atmospheric plasma spraying – Journal - Materials Research Innovations

Experimental analysis of basalt fiber reinforced egg shell/water hyacinth loaded epoxy composites Authors R.Manikandan S.Mohamed Abbas S.Sathish J.Irfan Ahamed A.Thanveer Ahamed M.K.Javeed Miandad S.Z. Thovheed

Journal :Materials Today: Proceedings Publisher: ELSEVIER

Effect of various phase change materials (paraffin wax/hydrogenated vegetable oil) packed in a fabricated shell and tube type heat exchanger Journal

Materials Today-Proceedings Publisher Elsevier

Comparison and Effect of Different Shot Peening Parameter on Steel Blades with 12%Cr - Journal of Recent Research in Engineering and Technology

Performance and Combustion Characteristics of a Compression Ignition Engine Using Honne oil blends - International Journal of Machine and Construction Engineering

A study on developing 3-dimensional architecture array of solar park above railways- Materials Today-Proceedings-Publisher Elsevier

### CONFERENCE DETAILS

○ Presented a paper –Effect and analysis of hybrid composite Joint On 30<sup>th</sup> March 2011 at Rajalakshmi Engineering College, Chennai.

○ Presented a paper –Performance and analysis of GFRP-hybrid composite Joint On 01<sup>st</sup> April 2011 at Madha Engineering College, Chennai

### ACHIEVEMENT DETAILS

- Produced 100% result in Production Planning and Control, Unconventional Machining Process & various Mechanical Engineering Subjects.

- Developed HC Refrigeration System, Solar Car, Compaction Factor Test Apparatus, Vapour Absorption System Test Rig.