




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	P.MUNI RAJA CHANDRA	
DESIGNATION	ASSISTANT PROFESSOR	
EDUCATIONAL QUALIFICATION	M.Tech	
EXPERIENCE	13.5 YEARS	
DATE OF JOINING	02-03-2011	
EMAIL ID	p.munirajachandra@aalimec.ac.in	
AREA OF SPECIALISATION	Energy Management	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
B.Tech	Mechanical Engineering	Madanapalli Institute of Technology & Science	JNTU-HYDERABAD	2004
M.Tech	Energy Management	Sri venkateswara university college	Sri Venkateswara University-Tirupati	2007

PROFESSIONAL MEMBERSHIPS

- Senior Member in Institute of Research Engineers and Doctors
- Life member in Spoken Tutorial
- Member in SAKSHAT Leverage powers of ICT in higher Education under MHRD Govt.of India
- Member in Magnum Opus, Institute of technology, Banaras Hindu University.
- Member in International Association of Engineers.

FDP ATTENDED

- AICTE-ISTE “Alternate Fuels and Their Impact On Environment” organized by the department of Mechanical Engineering, JNTU College of Engineering, Kakinada on 17th June -21nd June - 2008
- ISTE-NSTEDB Faculty Awareness Camp On Entrepreneurship, organized by the department of Mechanical Engineering, JNTU College of Engineering, Kakinada on 22th June -24nd June -2008.
- Three day academic exchange programme on “Innovative Teaching Methods in Engineering Graphics” from 24th -26th March 2009 in JNTUCEA, Annanthapur.
- Faculty Development Programme on VLSI design flow tools and Labview based system design 3rd -4th Dec 2012 at Aalim Muhammed Salegh College of Engineering
- Basic Training and Certification Program in “Creo parametric 2.0” -8th May 2013 to 10th May 2013 organized by TRUE PINK Academic Solutions, Chennai.
- Short term Course on NanoMaterials: Characterization & Application 29th Oct – 02 Nov 2018 at NITTR Chandigarh.
- Five days faculty Development Programme on Research Paper Writing on Using Journaling Tools. 01.11.2018 to 05.11.2018. Organised by Department of Civil Engineering and Research Development Cell.

WORKSHOPS ATTENDED

- National workshop on “Expert Systems in Welding “and “Recent Advance and Simulation in I.C.Engines” organized by GKCE, Sullurpet on 27th January.
- AICTE Sponsored National Workshop on “Advanced Technology for Sustainable Environment” (WASTE-2009) held on 20th - 21st Feb '09 organized by SVCET, Chittoor
- A Professional Review on Instigating Engineering Drawing APRIED at Narayan Engineering College at 1st September 2009.
- A National Workshop on “ROBOGYAN 2K10” during 9th -10th April organized by “Robospians and Banaras university” at JNTUACE, Pullivendula

- A National level workshop on “FINITE ELEMENT ANALYSIS” during 25th -26th Nov 2010 organized by SRI KALAHASTISWARA INSTITUTE OF TECHNOLOGY, Srikalahasti.

- Faculty Development Programme on Engineering Graphics organized by Aalim Muhammed Salegh College of Engineering 1-2nd July 2013 at Chennai.

- A two days National Level Workshop on Recent Trends in Tribology, 29th-30th Nov 2013. Organized by SVEC,Tirupati under TEQIP-II.

- Computational Fluid Dynamics during 11-12 April 2014 organised by Sree Vidyanikethan Engineering College.

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

- A Two day Workshop on Research Methodology & Technical Paper Writing during 26th-27th Feb 2016 organised by Sree Vidyanikethan Engineering College Under TEQIP-II.

SEMINARS ATTENDED

- AICTE Sponsored National Seminar on “ Selection of air pollution control equipment for industrial establishments (SAPCEI) organized by SVCET from 05-03-2009 to 06-03-2009.

- AICTE Sponsored National Seminar on “Advanced IC Engines and Emission Control Techniques 13th-14th July 2015 at Sree Vidyanikethan Engineering College, Tirupathi.

- Inspire Scientific Research:Empower Science and technology held on 5th January 2018 at Aalim Muhammed Salegh College Of Engineering.

PUBLICATION DETAILS

- P.Vindhya, **P. Muni Raja Chandra** .Performance Evaluation of Canola Blends in DI Diesel Engine with EGR System. International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 3 Issue 10, October- 2014

- S. Srilakshmi, Mohamed Abbas, **P.MunirajaChandra**, R.Manikandan, Mohd.F.Shabir. Comparison and Effect of Different Shot Peening Parameter on Steel Blades with 12%Cr .Journal of Recent Research in Engineering and Technology ISSN (Online): 2349 –2252, ISSN (Print):2349 –2260 Volume 2 Issue 2 Feb 2015

- **P. MuniRaja Chandra**,S. Mohamed Abbas, Mohd.F.Shabir,R.Manikandan. Performance and Combustion Characteristics of a Compression Ignition Engine Using

Honne oil blends. International Journal of Machine and Construction Engineering ISSN (Online): 2394 – 3025. Volume 2 Issue 1 Mar 2015

- **P. Muni Raja Chandra**, Ayaz Ahmed, 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, Issue-3, March-2015.

- S. SRILAKSHMI , **P. MUNI RAJ CHANDRA**, F. MOHAMMED AJMAL SHERIFF, S.ABDUL RAHMAN Effect of Residual Stresses on Shot Flow of Shot Peened Blading Steel for LP Turbine. International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.68 (2015).

- **P. Muniraja Chandra**, Mohd F.Shabir R.Manikandan A study on developing 3-dimensional architecture array of solar park above railways. Elsevier-Materials Today Available online 18 December 2020

- Effect of various phase change materials (paraffin wax/hydrogenated vegetable oil) packed in a fabricated shell and tube type heat exchanger R.Manikandan Mohd F.Shabir T.Raja **P. Muniraja Chandra** Syed Salman I.Vasim Akram **Materials Today: Proceedings, 2020**

CONFERENCE DETAILS

- “International Winter School on Nano-scale Materials and Devices” Dec. 13 – 17, 2010, IIT Bombay, India.
- 4th INUP Hands-on Training Workshop on Nanofabrication Technologies, April 25-29, 2011, IIT Bombay, India.
- International Intellectual Convergence On Advances in Science and Engineering IIASE-2017 organised by Aalim Muhammed Salegh College of Engineering.

ACHIEVEMENT DETAILS

- Responsive Aligned Proactive Interactive dedicated Partner award for PALS 2018-19.
- Best executive core member from PALS.

- Participative Excellence award for PALS 2018-19.

- Produced 100% result in Engineering Graphics

- Received Certificate of Distinction in Teaching in Various subjects.