




ALIM 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(PhD)	
EXPERIENCE	15.5 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 universitycollege	Sri Venkateswara University-Tirupati	2007
PhD	Mechanical Engineering	Vellore Institute of Technology, Chennai	Vellore Institute of Technology, Chennai	Pursuing

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.

- Life Member in Indian Society of technical Education

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 SreeVidyanikethan 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 SreeVidyanikethan 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 SreeVidyanikethan 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

<ul style="list-style-type: none"> • P. MuniRajaChandra,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
<ul style="list-style-type: none"> • 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.
<ul style="list-style-type: none"> • 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).
<ul style="list-style-type: none"> • P Muniraja Chandra, Mohd F Shabir, R Manikandan, et.al- A study on developing 3-dimensional architecture array of solar park above railways,Materials Today: Proceedings , Elsevier Vol. 45,2021.(Scopus Indexed)
<ul style="list-style-type: none"> • R Manikandan, Mohd F Shabir, T Raja, P Muniraja Chandra, Syed Salman, I VasimAkram- Effect of various phase change materials (paraffin wax/hydrogenated vegetable oil) packed in a fabricated shell and tube type heat exchangerMaterials Today: Proceedings ,Elsevier Vol. 45,2021(Scopus Indexed)
<ul style="list-style-type: none"> • P Muniraja Chandra, Mohd F Shabir, R Manikandan, et.al-Performance Evaluation of Jatropha Blends in DI Diesel Engine with Nano additives-International Advanced Research Journal in Science, Engineering and Technology,2021vol 10,issue 8
CONFERENCE DETAILS
<ul style="list-style-type: none"> • “International Winter School on Nano-scale Materials and Devices”Dec. 13 – 17, 2010, IIT Bombay, India.
<ul style="list-style-type: none"> • 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.