


SRI SAI RAM ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING

<p>Name: V.PANDYARAJ</p>	
<p>Designation:</p>	<p>Assistant Professor</p>
<p>Qualification:</p>	<p>M.E, (Ph.d)</p>
<p>Area of Specialization:</p>	<p>Engineering Design</p>
<p>Experience:</p>	<p>Teaching- 11years 8 month</p>
	<p>Industry - NIL</p>
<p>Number of Workshops/ Conferences/ FDP Attended:</p>	<p>WORKSHOP- 09, FDP-09 NATIONAL/INT. CONFERENCE- 06</p>
<p>Publication:</p>	<p>Journal: National: NIL International: 08</p>
	<p>Conference: National: NIL International: 06</p>
<p>General:</p>	<p>NIL</p>
<p>Staff Achievement</p>	<p>NIL</p>

Educational Qualification:

Degree with Specialization	Institution	University	Year of Passing	Class Obtained
Ph.D	MIT	ANNA UNIVERSITY Chennai	Pursuing	-----
M.E (Engg.Design)	GCT-Coimbatore	ANNA UNIVERSITY COIMBATORE	2009	FIRST CLASS
B.E (Mechanical Engineering)	Noorul Islam College of Engineering	ANNA UNIVERSITY CHENNAI	2007	FIRST CLASS

Professional Experience:

Sl. No	College/Organization	Designation	Period From To	Total period	Nature of work
1.	Sri Sairam Engineering, Chennai.	Assistant Professor	09.06.10 to till date	11.8 years	Teaching
2.	Kalasalingam University	Assistant Professor	03.01.10 to 31.05.10	5 months	Teaching

International Conferences Attended: 06

Papers published in the international Journal: 08

Short Term Course (Refresher courses) Attended: NIL

Faculty/Staff Development /Training Program (Orientation programmes) Attended: 09

Resource person In FDP: NIL

Workshops Attended: 09

Events organized: NIL

Funded Projects: NIL

List of publications in international journals

International Journal:

1. Published a Paper Titled “INVESTIGATION OF PUMP IMPELLER USING CFD”, in the Indian Journal of Science and Technology- ISSN (Print): 0974-6846.
2. Structural Analysis of Heteromorphic Hexa square Honeycomb Sandwich Panel in Aircraft" International journal of Mechanical, civil and control Engineering, 2015, Vol 1, (3), ISSN 2394-8868.
3. Published a Paper Titled “Experimental Investigation of mechanical properties of GFRP reinforced with coir and flax", IJMET, ISSN 0976- 6359. Dec 2018
4. Published a Paper Titled "Development of flapping panel vertical Axis wind Turbine", IJITEE, ISSN 2278-3075. Dec 2019.
5. “Experimental Investigation of compression strength in Novel sandwich structures” Materials today: proceedings 5 (2), 2018, 8625-8630.
6. “Experimental investigation of spherical core sandwich structure by beam flexure” Advances in Manufacturing Processes, 2019, 333-339.
7. “Experimental investigations of core shear properties and facing sheet fracture stress of spherical sandwich structure”. Advances in Simulation, Product Design and Development, 2020, 753-758.
8. “Experimental investigation on flexural behavior of spherical core sandwich structures” Journal of Reinforced Plastics and Composites 2021, 40 (3-4), 143-164.

Conferences:

International

1. Presented a Paper Titled “Optimal Scalability of Reconfigurable Manufacturing system configurations.” *International Conference on Advances in Mechanical Manufacturing and Building Sciences, ICAMB 2012*, conducted by VIT University.

2. Presented a Paper Titled “Optimisation of Centrifugal Pump impeller using Taguchi Concept through CFD”, **ICAMB 2012**, conducted by VIT University.
3. Presented a Paper Titled “Structural Analysis of Heteromorphic Hexa square Honeycomb Sandwich Panel in Aircraft”, **International conference on Research Advancements in Engineering and Technology, organised by IISRT 2015**.
4. Presented a Paper Titled “Investigation of Pump Impeller Performance using CFD.”, **International Conference on Mechanical Materials and Manufacturing systems ICMMS 2016**, conducted by Sri sairam Engineering college.
5. Presented a Paper Titled “An Investigation of Mechanical properties of GFRP reinforced with Natural fiber.” **International Conference on Materials ICMTS 2017**, conducted by IIT Chennai.
6. Presented a Paper Titled "Experimental investigation of core shear properties and facing fracture stress of spherical sandwich structure" in AIMTDR conference, conducted by Anna University, Dec 13-15 2018.

Workshop/Conferences/FDP attended:

- Attended a FDP on “Finite Element Analysis” in MIT, Anna University from DEC 2 to 8, 2011.
- Attended a workshop on “Renewable Energy” in Sri sairam Engineering College held on 24th FEB 2012
- Attended a workshop on “Finite element analysis Tools and its applications” in Sri Sairam Engineering College held on 19th July 2012.
- Attended a workshop on “Recent advances in Low cost Automation” in VIT University held on 4th MAY 2013.
- Attended a FDP on “Design of Jigs, Fixture & Press tools” in MIT, Anna University from JUNE 3 to 10, 2013.
- Attended Basic fire safety and emergency preparedness workshop program organized by Thilak Safety Associates, held at SSEC, Chennai.
- Attended a FDP on “Advancement in Materials, Manufacturing Processes and Management systems” in Sri Sairam Engg College from NOV 4 to 16, 2013.

- Attended a two day Workshop on “Industry-Institution Interaction Event on Environment Management In Industrial Sectors-Status And Needs”, Organized by Sri Sai Ram Engineering held on 24 -25 th July 2014.
- Attended one day Workshop on “ROLE OF LEAN MANUFACTURING ON ORGANIZATION COMPETITIVENESS “, Organized by Sri Sai Ram Engineering college Chennai on 28th August 2014.
- Attended a FDP on “Processing and characterization of composite materials including Natural Fiber Re-inforced Composites" in Sri Sairam Institute of Technology from March 18 to 31, 2015.
- Attended a workshop on “Recent Trends in AWJM" in MIT Campus AnnaUniversity held on 19th FEB 2016.
- Attended a FDP on “Computer Aided Design and usage of Software” in Sri Sairam Engg collegee fro 4th Aug to 6th AUG 2016.
- Attended one day Workshop on “Value engineering using ANSYS “, Organized by Sri Sai Ram Engineering college Chennai on 19th August 2016.
- Attended two day Workshop on “Automotive Technology “, at Sri Sai Ram Engineering college Chennai held on 12th & 13th SEP 2017 Organised by Goodwin Motors.
- Attended a FDP on “Automobile engineering" in Sri Sairam Engg college from NOV 29th to DEC 5, 2017.
- Attended online FDP organized by NITTR chandigarh on" Environment and Sustainable Development" from 20-04-20 to 24-4-20.
- Attended online FDP organized by NITTR chandigarh on" IOT” from 15-04-20 to 19-4-20.
- Attended online FDP organized by NITTR chandigarh on" CAD/CAM" from 27-04-20 to 1-5-20.
- Attended online FDP organized by NITTR chandigarh on "CIM/CNC" from 25-5-20 to 29-05-20.
- Attended online FDP organized by Government college of Engineering, Karad on "Application of FEA and CFD using ANSYS" from 13-06-20 to 17-6-20.
- Attended online FDP organized by NIT Patna on" 3D Printing & Design" from 7-12-20 to 11-12-20.
- Attended online STTP organized by NITTR Kolkata on" Student Assessment and Evaluation" from 20-09-21 to 24-09-21