

# FACULTY PROFILE

JAYAVENKATESH. R

## Personal Details

**Salutation:** Mr.

**Instructor Name:** **Jaya Venkatesh. R**

**Designation:** **Assistant Professor**

**Department:** MECHANICAL ENGINEERING -  
NEC

**Date of Joining in  
NEC:** 08-06-2016

**Date of Joining in  
Present Post:** 08-06-2016

**Mobile Number:** 9942266005

**College Id:** MECT528

**College Email Id:** venkat183mech@nec.edu.in

**Unique Staff Id:** 1-3206565591



## Address for Communication

**Address Line 1:** 129, J.V House **Pincode:** 625706

**Address Line 2:** Lakshmanan Nagar **District:** Madurai

**City:** Tirumangalam **State:** Tamilnadu

## Educational Qualifications

Sr	Name of the Degree	Specialization	Name of the Institute	Name of the University	Year of Passing
1	B.E	Mechanical Engineering	PSNA College of Engineering and Technology	Anna University	2009
2	M.E	Thermal Engineering	Government College of Engineering, Coimbatore	Anna University	2015

## Faculty Professional Experience

Sr	Name of Institute / Organizations	Designation	Date of Joining	To	Total Experience
1	SVS College of Engineering	Assistant Professor	15-06-2015	15-05-2016	11 months
2	M/S CETHAR Ltd., Trichy	Manufacturing Engineer	04-10-2010	26-08-2013	2 years 11 months

## FDP/ Workshop/ Seminar/ Training/ Knowhow Program Attended

Sr	Name of the Event	Event Type	Name of the Institution or Organization	From	To
1	Thermal Engineering	Faculty Development Program	Nehru Institute of Engineering and Technology, Coimbatore	02-12-2015	09-12-2015
2	Current Trends in Computational Fluid Dynamics	National Workshop	Sri Ramakrishna Engineering College, Coimbatore	24-03-2017	24-03-2017
3	Empowering Teachers in Life Skills Education	Faculty Development Program	National Institute of Technology, Trichy	06-11-2017	10-11-2017
4	Technology Enabled Teaching Learning Process	Short Term Training Program	National Institute of Technical Teachers Training and Research	27-05-2017	29-05-2017
5	Instructional Design and Delivery Systems	Short Term Training Program	National Institute of Technical Teachers Training and Research	22-05-2017	27-05-2017
6	Pedagogy for Online and Blended Teaching Learning Process	Faculty Development Program	IIT Bombay	03-05-2018	30-05-2018
7	Foundation Program in ICT for Education	Faculty Development Program	IIT Bombay	08-03-2018	12-04-2018
8	Energy Efficiency and Audit: An Ecofriendly Endeavour	Faculty Development Program	Government College of Technology, Coimbatore	17-08-2020	21-08-2020
9	ADVANCEMENTS IN PHASE CHANGE MATERIAL BASED THERMAL AND RENEWABLE ENERGY TECHNIQUES	Faculty Development Program	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING, Andhra	01-06-2020	05-06-2020
10	Fluid & Structural Simulation using CRADLE	Faculty Development Program	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING, Andhra	08-06-2020	10-06-2020
11	CONTEMPORARY ISSUES OF BIOFUELS AND APPLICATIONS (CIBFA-2020)	Faculty Development Program	ST.ANN'S COLLEGE OF ENGINEERING AND TECHNOLOGY	06-07-2020	10-07-2020
12	PERSPECTIVES AND CHALLENGES IN OUTCOME BASED RESEARCH	Faculty Development Program	NIT,Trichy	13-07-2020	17-07-2020
13	EMERGING RESEARCH AREAS IN MECHANICAL ENGINEERING	Faculty Development Program	CMR Technical Campus, Telangana	29-06-2020	03-07-2020
14	Industrial Training	Industrial Know-How Program	ATG Tyres, Gangaikondan	22-04-2019	26-04-2019

Sr	Name of the Event	Event Type	Name of the Institution or Organization	From	To
15	HTRI Training	Industrial Know-How Program	TryCAE Industrial Engineering Pvt. Ltd., Trichy	20-04-2020	30-04-2020
16	Solid Modelling Training	Industrial Know-How Program	TryCAE Industrial Engineering Pvt. Ltd., Trichy	01-04-2020	30-04-2020
17	Mechanical Design - Associate Level (CSWA)	Course	Dassault Systèmes	26-04-2020	26-04-2020
18	Industrial Training	Industrial Know-How Program	Brakes India Ltd., Chennai	03-01-2022	07-01-2022
19	Emerging Trends in Thermal and Renewable Energy Systems	Faculty Development Program	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING	28-06-2021	02-07-2021
20	Indo-Japan Workshop "Advancement in Concentrated Photovoltaic System and its Thermal Management"	Faculty Development Program	NIT Trichy	14-03-2022	19-03-2022

## International and National Conferences Attended

Sr	Name of the Conference	Event Type	Name of the Institution or Organization	Title of the Paper	Authors	From	To
1	International Conference on Advances in Materials, Computing and Communication Technologies	International Conference Presentation	Annai Vailankanni College of Engineering	Comparison of Oxygenated Additives on the Performance of Di Diesel Engine	Jesu Antony Pradeesh A. , Jaya Venkatesh R. , Hirthik Joel.E , Ajantharaj .A	10-04-2021	10-04-2021
2	Frontiers in Mechanical Automobile Civil and Electrical Sciences	National Conference Presentation	Tamilnadu College of Engineering	Study Of Bi-Convection Fin with Temperature Dependent Thermal Conductivity by Differential Transform Method	Jaya Venkatesh.R , Palani.P.K	15-05-2015	15-05-2015
3	Emerging Technologies in Mechanical Engineering to Meet Industrial Needs	National Conference Presentation	N S N College of Engineering and Technology, Karur	Study Of Heat Transfer through Bi-Convection Fin with Temperature Dependent Thermal Conductivity by Differential Transform Method	Jaya Venkatesh R	18-04-2015	18-04-2015

## Guest Lecture Delivered

Sr	Name of the Event / Program	Name of the Institution / Organization	Title of the Lecture delivered	From	To
1	Skill Development Programme on Solar based steam generation systems	Bharathiar University, Coimbatore	Solar energy utilization - an overview	22-01-2021	22-01-2021
2	Skill Development Programme on Solar based steam generation systems	Bharathiar University, Coimbatore	Phase change materials in solar energy systems	23-01-2021	23-01-2021

## Faculty Research Publications

Sr	Title of the Paper	Name of the Journal	Year of Publication	Authors	DOI (Digital Object Identifier System)
1	Study Of Bi-Convection Fin with Temperature Dependent Thermal Conductivity by Differential Transform Method	International Journal of Applied Engineering Research	2015	Jaya Venkatesh.R , Palani.P.K	
2	Comparison of Oxygenated Additives on the Performance of Di Diesel Engine	International Conference on Advances in Materials, Computing and Communication Technologies	2021	Jesu Antony Pradeesh A. , Jaya Venkatesh R. , Hirthik Joel.E , Ajantharaj .A	
3	Experimental study on the thermal performance of a solar air heater integrated with multi-geometry arrangements over the absorber plate	Environmental Science and Pollution Research	2022	Vijayakumar R · Harichandran R · Jaya Venkatesh R · Ramanan P	doi.org/10.1007/s11356-022-18830-x

## Product Development Activities

Sr	Product Title	From	To	Funding Agency	Funds Received	IPR Status
1	Palm Jaggery Production Machine	01-06-2019	30-05-2020	New Gen IEDC	₹ 2,50,000.00	Filed

## Membership in Professional Societies

Sr	Name of the Society / Organization	Type of Membership	Membership ID
1	Bureau of Energy Efficiency	Certified Energy Manager	EA-34505/21

## Consultancy Work Details

Sr	Consultancy Work Detail	Name of Industry / Agency	Amount	From	To	Status of the work
1	Energy Auditing Work	V O Chidambaram College, Thoothukudi	₹ 18,000.00	30-12-2021	31-12-2021	Completed
2	Energy Auditing Work	Lakshmi Ammal Polytechnic College, Kovilpatti	₹ 0.00			