


A1	Personal Details	
<b>Mr.V.KARTHIKEYAN</b>		
Assistant Professor		
Department of Mechanical Engineering		
Knowledge Institute of Technology, Salem - 637 504. India.		
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A2	Areas of Specialization	Mechanical Engineering	Engineering Design

A3	Subjects Taught
	<b>UG</b>
	<b>Heat and Mass Transfer</b>
	<b>Engineering Thermodynamics</b>
	<b>Thermal Engineering</b>
	<b>Gas Dynamics and Jet Propulsion</b>
	<b>Power Plant Engineering</b>
	<b>Engineering Drawing</b>

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Year of Passing
M.E.	Engineering Design	PGP College of Engineering and Technology	Anna University	2011
B.E.	Mechanical Engineering	Salem Government Engineering College	Periyar University	2004

<b>A5</b>	<b>Work Experience as on JULY 2021</b>			
<b>Name of the Institution</b>	<b>Position</b>	<b>From</b>	<b>To</b>	
Knowledge Institute of Technology	Assistant Professor	15.06.2011	Till date	

<b>A6</b>	<b>Research Publications</b>				
<b>Total Number of Publications</b>	<b>International Journal</b>	<b>National Journal</b>	<b>International Conference</b>	<b>National Conference</b>	<b>Total</b>
	02	05	03	04	14
<b>Recent Publications (Journals)</b>					
1	Study Of Noise Survey In Heavy Fabrication Industry				
2	Structural Integrity Investigation And Analysis Of Gas Turbine Rotor Blade Using FEM AMESHE				
3	Semi-Automatic PVC Pipe Feeding And Cutting Machine				
4	Study and fabrication of Pneumatic Rubber Stamping Machine on Elixir Mechanical Engineering. eISSN: 2229 - 712x , volume:59C3 Issue, 2013				
5	Study on Emission Control by Blending Ethanol with Petrol in Multi Cylinder Serviced Engine. IJRET, eISSN: 2139 - 1163, volume.03 Special Issue 11, 2014				
6	Design of extended Robotic Arm type fire fighting system on International Journal of Applied Engineering Research, ISSN NO. 0973-4562, Vo.No.10 Issue No.50 Page No 77 - 82 , 2015				
7	On-site Traffic study Management system in process industry. On Advances in Natural and Applied Science, ISSN : 1995 - 0772, Page no. 83-93, Special Issue 10 (9) 2016				
8	Study of noise survey in heavy fabrication Industry on Advances in Natural and Applied Science, ISSN No. 1995-0772, Page No. 208 - 214, Special issue10(9), June 2016 .				
9	Presented a Paper on Study on Emission Control by Blending Ethanol with Petrol in Multi Cylinder Serviced Engine in the National Conference AMESHE -2014 held on 03rd May 2014 at Knowledge Institute of Technology				
10	Presented a Paper on Study on Vacuum Assisted Removal in Conveyor Belt System in the National Conference TAME -2013 at Selvam College of Engineering				

<b>Recent Publications (Conferences)</b>	
1	AMESHE -2022 PRESENTED A PAPER ON FUEL CHARGING WITH MAGNETIC FIELD IN THE NATIONAL CONFERENCE ON ADVANCEMENTS IN MECHANICAL, ENVIRONMENTAL, SAFETY AND HEALTH ENGINEERING.
	INDUSTRIAL SAFETY ACTIVITIES REPORTING AND MONITORING DIGITALIZED MANAGEMENT
2	SAFETY IN WEIGHTLIFTING OF EOT CRANE AMESHE -2021
3	STRUCTURAL INTEGRITY INVESTIGATION AND ANALYSIS OF GAS TURBINE ROTOR BLADE USING FEM AMESHE -2019
4	SEMI-AUTOMATIC PVC PIPE FEEDING AND CUTTING MACHINE AMESHE -2019

<b>A7</b>	<b>Highlights of Major Contributions</b>
1	Faculty Coordinator for the WORKSHOP on Automotive New Product Development Organized by Experts Hub Industry Skill Development Centre and Techfest 2014 IIT Bombay on 24th & 25th 2013 at Knowledge Institute of Technology.
2	One Week ISTE WORKSHOP for Coordinators conducted under the National Mission on Education through ICT by MHRD & the Department of Mechanical Engineering, IIT Bombay During 20th - 24th Nov, 2012.
3	Two Day FDTP on Engineering Thermodynamics conducted by KIOT, Salem from 26th to 27th June 2016.
4	One Week FDTP on Gas Dynamics and jet propulsion at KIOT, Salem from 14th to 20th Dec 2015.
5	Indian Society for Technical Education (ISTE)
6	SAE Faculty Member During the year 2012-2014
7	Lateral Entry admission coordinator
8	Thermal Engineering Lab Incharge

A8	Training Programmes Attended
1	Two Day FDTP on Engineering Thermodynamics conducted by KIOT, Salem from 26th to 27th June 2016.
2	Two - Week ISTE SSTP on Environmental Studies conducted by IIT Bombay From 02nd to 12th June 2015.
3	One Week FDTP on Gas Dynamics and jet propulsion at KIOT, Salem from 14th to 20th Dec 2015.
4	Seminar on Solar installations, Economics, Business Opportunities and new Trends in Solar Energy System-2015 Organized by PSG Institute of Advanced Studies, Coimbatore in Collaboration with College of Nano scale and Engineering (CNSE), Albany during 11th - 12th August 2015.
5	One Day Workshop on How to Write Research Article organized by Department of Mechanical Engineering, KIOT, Salem, 28th August 2014.
6	Two - Week ISTE WORKSHOP on Engineering Mechanics conducted by IIT Bombay from 26th Nov to 06th Dec,2013.
7	Two Day CSIR Sponsored National Seminar on Commercializing Sustainable Bio-Energy Technologies held on 8th & 9th March 2013 at Knowledge Institute of Technology.
8	Two Day CSIR Sponsored National Seminar on Environmental Health & Safety Organizations held on 14th & 15th March 2013 at Knowledge Institute of Technology.
9	NSTEDB Sponsored FDP in Entrepreneurship Organized by Centre for Entrepreneurship Development (Tamilnadu) during 28th Jan to 09th Feb.2013 at Knowledge Institute of Technology, Salem.
10	CEP Workshop for Engineering Thermodynamics Conducted by IIT Bombay During November 21- 23, 2012
11.	Two Day Workshop on Swarm and Evolutionary Optimization conducted by Department of Mechanical Engineering, KIOT, Salem, 12th to 13th Dec 2013.
12.	Two - Week ISTE WORKSHOP on Engineering Thermodynamics conducted by IIT Bombay from 11th to 21th Dec,2012.
13.	Two - Day ISTE WORKSHOP on Aakash for Education conducted by IIT Bombay from 8th & 11th Nov2012
14.	Two - Week ISTE WORKSHOP on Introduction to Research Methodologies conducted by IIT Bombay from 25th June to 4th July,2012.
15	Participated in a MISSION 10X WORKSHOP Conducted by Vellore Institute of Technology at Vellore, from 20th Feb to 24th Feb, 2012.

16	Two - Week ISTE WORKSHOP on Heat transfer conducted by IIT Bombay from 29th Nov to 10th Dec,2011.
17	Two - Week ISTE WORKSHOP on Engineering thermodynamics in Mechanical Engineering conducted by IIT Bombay from 14th to 24th June, 2011.
18	Two - Week ISTE SSTP on Environmental Studies conducted by IIT Bombay From 02nd to 12th June 2015.
19	Seminar on Solar installations, Economics, Business Opportunities and new Trends in Solar Energy System-2015 Organized by PSG Institute of Advanced Studies, Coimbatore in Collaboration with College of Nanoscale and Engineering (CNSE), Albany during 11th - 12th August 2015.
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23	Two Day CSIR Sponsored National Seminar on Environmental Health & Safety Organizations held on 14th & 15th March 2013 at Knowledge Institute of Technology.
24	Attended a Faculty Development Program On Leap Forward at Knowledge Institute of Technology, Salem
25	AICTE Sponsored short term training program on Robotic process Automation Tools & Techniques held on 4 <sup>th</sup> to 9 <sup>th</sup> January 2021 at Rajalashmi College of Engineering ,Chennai
26	AICTE Sponsored short term training program on 3D Printing & Design held on 25th to 29th January 2021 at Velammal Institute of Technology.
27	AICTE Sponsored short term training program on "Online Teaching and Learning Pedagogy" held during 03.05.2021 to 08.05.2021 organized by Knowledge Institute of Technology, Kakapalayam, Salem, Tamilnadu.
28	National Level Webinar on Investor Awareness Program conducted by Knowledge Institute of Technology - KIOT in association with Ambition Learning Solutions held on 16th August, 2021.
29	NITTR (Minstry of Education Govt of India) short term course " Online Training Programme on "Heating, Ventilation and Air Conditioning" Conducted by this Institute from 21.03.2022 to 25.03.2022 (One Week).

A9	Awards
1.	<b>Best Project Guided Award</b> on Fabrication of Fireball Guiding System held at Adhiyamaan College of Engineering, Hosur on 6th & 7th March 2015.
2.	Best Project Guided Award on Fabrication of Induced Turbojet in Car held at Adhiyamaan College of Engineering, Hosur on 6th & 7th March 2015.
3.	Academic Excellence Award Achieving 100% Result during 2014-2015.
4.	<b>Best Faculty Award</b> in Mechanical Engineering during the Academic Year 2014-2015.
5.	Academic Excellence Award Achieving 96% Result during 2012-2013.
6.	Deliver the <b>Guest Lecture on 'Engineering Thermodynamics'</b> Conducted by Department of Mechanical Engineering in Tagore Institute of Engineering and Technology.
7.	Deliver <b>the Guest Lecture FDTP on THERMAL ENGINEERING"</b> Conducted by Department of Mechanical Engineering in Knowledge Institute of Technology