


A1	Personal Details	
Dr. N. PANNEERSELVAM , M.E.,Ph.D.,		
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Department of Mechanical Engineering		
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A2	Areas of Interest	Machine design / IC Engine Alternate Fuels

A3	Subject Taught	
Dynamics of Machinery	Principle of safety Management	
Engineering Mechanics	Mechanical Vibration	
Kinematics of Machinery	Transportation Safety	
Design of Transmissions systems		
Process Planning and Cost Estimation		
Advanced Internal Combustion Engine		
Dynamics of Machinery		

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
Ph.D.	IC Engine Alternative Fuels	K.S.Rangasamy College of Technology, Tiruchengode.	Anna University	2018
M.E.	Engineering Design	K.S.Rangasamy College of Technology, Tiruchengode.	Anna University Coimbatore	2009
B.E.	Mechanical Engineering	Government College of Engineering, Salem.	AnnaUniversity Chennai.	2006

A5		Work Experience as on Jun 2020					
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Associate Professor		August 2018		Present	
Mahendra Institute of Technology, Tiruchengode, Namakkal, India		Assistant Professor		June 2011		July 2018	
Annai Mathammal Sheela Engineering College, Namakkal, India		Lecturer		June 2009		May2011	
<b>Total Experience</b>	12 Years	<b>Teaching</b>	11.4 Years	<b>Research</b>	9 Years	<b>Industry</b>	-

A6		Research Publications			
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
		10	-	1	5
<b>Publications (Journals)</b>					
1	Published a research paper entitled "Effect of injection timing on biodiesel fuelled engine characteristics- An overview", Renewable and Sustainable Energy Reviews, vol. 50, pp. 17-31. ISSN 1364-0321,2015.				
2	Published a research paper entitled "The role of nano additives for biodiesel and diesel blended transportation fuels", Transportation Research, Part D, vol.46, pp.145-156, 2016.				
3	Published a research paper entitled "Performance, emissions and combustion characteristics of CI engine fuel with watermelon (Citrullus Vulgaris) methyl ester", International Journal of Ambient Energy, vol. 0, no. 0, pp. 1-7, 2015.				
4	Published a research paper entitled "Effect on direct injection naturally aspirated diesel engine characteristics fuelled by pine oil, ceiba pentandra methyl ester compared with diesel, Transportation Research Part D, vol.48, pp.225-234, 2014.				
5	Published a research paper entitled "computational engine performance and emission analysis using ceiba pentandra biodiesel", International journal of Biofuels, vol. 7, no. 3, pp. 201-206,2016.				
6	Published a research paper entitled "Production and characterization of biodiesel from ceiba pentandra seed oil. International Journal of Advanced Engineering Technology, vol. VII, pp. 445-450, 2016.				
7	Published a research paper entitled "Optimization of biodiesel produced from watermelon (Citrullus Vulgaris) by using batch type production unit", Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, vol. 38, no. 16, pp. 2343-2348, 2016.				
8	Published a research paper entitled "Performance and emission characteristics of compression ignition engine fuelled with ceiba pentandra and watermelon methyl esters", International Journal of Advanced Trends in Engineering and Technology, 2019.				

9	Published a research paper entitled "Investigation on emission reduction potential of nickel and zinc coated catalytic converters" Progress in Industrial Ecology, an International Journal, vol. 1, no 2,2019, pp. 126-139
10	Published a research paper entitled "An experimental investigation of diesel engine fuelled with mgo nano additive biodiesel - diesel blends" Vol. 1, No. 2, pp. 28-34.
<b>Recent Publications (Conferences)</b>	
1.	Presented a technical paper entitled "Effect on Engine Characteristics using Nano Additives and Esters Blended with Diesel", International Conference on Nano Materials and Nanotechnology (Nano-2015) 7-10 Dec-2015, Organized by K.S.Rangasamy College of Technology, Tiruchengode, Tamilnadu, India.
2.	Presented a technical paper entitled "Experimental Studies on Performance and Emission and Combustion Characteristics of B40 Bio Diesel Diesel Blends at Advanced Injection Timings" 23rd National conference on IC Engine and combustion NCICEC-2013, during 13th to 16th December 2013 Organized by Department Of Mechanical Engineering Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat, INDIA. Under the Auspices of The Combustion Institute-Indian section (CIIS). 2013NCICEC0304
3.	Presented a technical paper entitled "The New Paradigm Shift to composite Markets" in a National Conference held at JCT College of Engineering and Technology, Sep 2014.
4.	Presented a technical paper entitled "Performance and Emission Characteristics of Naturally Aspirated Direct Injection Diesel Engine Fuelled with Methyl Ester of used Frying Oil" Oneday National Conference on Technical Advances in Mechanical Engineering" 16th March 2011 organised by Annai Mathammal Sheela Engineering College, Namakkal, Tamilnadu.
5.	Presented a technical paper entitled "A Comparative Evaluation of C.I. Engine Fuelled with Ethyl Esters of Punnai, Neem and Waste Cooking oil" National Conference on "Recent trends in mechatronics and Industrial Safety Engineering" Organized by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode, Namakkal, India. April-2013

<b>A 07</b>	<b>Memberships in Professional Bodies</b>
<b>S.No.</b>	<b>Name of the Professional Body</b>
1.	Combustion Institute of Indian Section (CIIS)

<b>A 08</b>	<b>Training Programmes Attended</b>
<b>At KIOT</b>	
1.	Organized National Conference AMESHE 2019 held on 11 <sup>th</sup> May 2019.

2.	Organized "Guest Lecture on Commercialization of Renewable Energy" for Mechanical Engineering Students held on 9th July 2018.
3	Organized Guest Lecture on "Energy Conservation and Management" held on 21th August 2018.
4	Organized Workshop "GGSY2019- Students Solar Ambassador 2019" for Mechanical Engineering Students held on 2nd October, 2019.
5	Organized Guest Lecture on Corrosion and Erosion Analysis of High-Velocity Oxygen Fuel held on 26 <sup>th</sup> June 2020.

<b>A10</b>	<b>Programs Organized</b>
1.	Overall ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS (ARIIA) Co-ordinator of KIOT.
2.	Overall KIOT coordinator of Academic and Administrative Audit (AAA).