


A1	Personal Details	
Prof. P.KARTHIKEYAN, M.E.		
Assistant Professor		
Department of Mechanical Engineering		
Knowledge Institute of Technology, Salem - 637 504. India.		
Ph: +91-7010631568		
Email id: pkmech@kiot.ac.in		

A2	Areas of Interest	Engineering Design, Composite Materials
----	-------------------	---

A3	Subject Taught	
Design of Machine Elements	Engineering Graphics	
Design of Transmission Systems	Maintenance Engineering	
Robotics	Metrology & Measurements	

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
D.M.E.	Mechanical Engineering	Muthayammal Polytechnic college, Rasipuram	DOTTE	2006
B.E.	Mechanical Engineering	CSI College of Engineering, Ooty	Anna University	2011
M.E.	Engineering Design	Sri Shanmugha college of Engineering & Technology, Trichengode	Anna University	2014

A5	Work Experience as on July 2021			
Name of the Institution	Position	From	To	
Knowledge Institute of Technology, Salem	Assistant Professor	June 2014	Present	
Dr.Nagarathinam's College of Engineering, Namakkal	Lecturer	May 2011	June 2012	

Brakes India Limited, Padi, Chennai-50.		Trainee Engineer		Feb 2008		May 2008	
Tamilnadu State Transport Corporation, Salem Region.		Junior Engineer Trainee		Jan 2007		Jan 2008	
M/s Sundaram Clayton Ltd. Padi, Chennai- 50.		Trainee Engineer		Jun 2006		Dec 2006	
Total Experience	11 Years	Teaching	9 Years	Research	-	Industry	2 Years

A6	Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
		12	-	01	04
Publications (Journals)					
1	Paper was published titled "Hazard Identification and Risk Assessment In API of Pharmaceutical Industry " in the Journal of Xi'an Shiyou University, VOLUME 18 ISSUE 7,ISSN:1673-064X, Aug 2022				
2	Paper was published titled "FABRICATION OF AIRCONDITIONING SYSTEM USING ENGINE EXHAUST GAS" in the IJATET Publication ISSN: 2456-4664,May 2019: pages 112-116.				
3	Paper was published titled on" BIO-COMPOSITE HELMET" in the International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST),ISSN (ONLINE):2456-5717 Vol.4, Issue.8, August 2018.				
4	Paper was published titled on" MODELING AND FABRICATION OF DIFFERENT TOOL PIN PROFILES AND MECHANICAL BEHAVIOUR OF FRICTION STIR WELDED AA6063" in the International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE) Vol. IV, Issue VIII, August 2018.				
5	Paper was published titled on "PNEUMATIC GEAR CHANGING SYSTEM FOR FOUR WHEELERS" in the International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.50.				
6	Paper was published titled on "EXECUTION AND ANALYSIS OF SILICON MIXED KEROSENE SERVOTHERM IN EDM OF MONEL 400" in the International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.50.				
7	Paper was published titled on "MACHINING CHARACTERISTICS ANALYSIS ON EDM FOR INCONEL 718 MATERIAL USING COPPER ELECTRODE" International Journal of Research in Engineering and Technology. eISSN: 2319-1163 pISSN: 2321.May.				
8	Paper was published titled on "PCM FOR THERMAL COMFORT IN AUTO CAR BODIES" in the International Journal of Advances in Natural and Applied Sciences Published by AENSI publication ISSN 1995:0772.				
9	Paper was published titled on "HAND PUMP USING GEAR ARRANGEMENT" in the International Journal of Advances in Natural and Applied Sciences Published by AENSI publication ISSN 1995-0772, ESSN 1998-1090.				
10	Paper was published titled on" MANUFACTURING AND TESTING OF HYBRID COMPOSITION USING PALM AND GLASS FIBERS" in the International Journal of Advances in Natural and Applied Sciences published by AENSI publication ISSN 1995-0772, ESSN 1998-1090.				

11	Paper was published titled "STUDY OF NOISE SURREY IN HEAVY FABRICATION INDUSTRY" in the International Journal of Advances in Natural and Applied Sciences Published by AENSI publication ISSN 1995-0772, ESSN 1998-1090.
12	Paper was published titled "DESIGN AND ANALYSIS TO SLENDERIZE THE MACHINE STRUCTURE BY USING COMPOSITE MATERIAL" in the AENSI Publication ISSN: 1995-0772 EISSN: 1998-1090 ANAS 2017 May 11(7): pages 835-839.
Recent Publications (Conferences)	
1	Presented a technical paper entitled Development of Welders Safety in Thermal Power station by using Risk Assessment Techniques in the International Conference on Recent Developments in Engineering 23 rd March 2019 at Dhaanish Ahmed Institute of Technology,Coimbatore.
5	Presented a technical paper entitled "Presented a technical paper titled "Modeling and fabrication of different tool pin profiles and Mechanical behavior of FSW AA 6063"National Conference on Recent Trends in Civil Engineering at Adhiyaman Engineering College, Dharmapuri

A 07	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1.	Indian Society for Technical Education (ISTE)

A 08	FDP/Training Programmes Attended
1.	Attended & Certified- FDP Program organised by NPTEL-AICTE on Entrepreneurship Jul-Oct 2022.
2.	Successfully completed the Certification program on Design Thinking Organised by CII on 09th September 2022.
3.	Participated & Presented the project work as part of the TEDP, in the DST sponsored Technology based Entrepreneurship Development Programme organized, Gyan Circle Ventures, IIIT Sri City, Chittoor, held in online mode 12 April – 22 May 2021.
4.	5 Days online FDP on Materials for Thermal and Renewable Energy Research organised by Department of Mechanical Engineering, Sri Sai Ram Institute of Technology 20 th to 24 th of May 2020.
5.	ATAL FDP on Robotics at PSG College of Technology, 21.09.2020 to 25.09.2020 (5 Days)
6.	2 Week FDP - Digital Manufacturing: Integrated Technology from Design to Manufacturing organised by Dept.of Mech Engg. K.S.R.C.T, Trichengode. Sep 2019
7.	CII Tamil Nadu MSME Summit : Fostering Opportunities through Technology,Smart Marketing and Empowerment, 12th October 2018, Trichy.
8.	CHROMA 5th Annual Conference, 17th March 2018, ITC Grand CHOLA, Chennai
9.	Employee Relations: Heralding the Winds of Change, 11thMarch 2017, Chennai
10.	IIT B FDP on Pedagogy for online and blender Teaching – Learning Process from oct 30,2018 to Dec 13 2018.

11.	IIT B FDP Foundation Program in ICT for Education - Autumn 2018' -FDP 101x conducted by IITB. 13th SEP 18 to 07th OCT 18 at Knowledge Institute of Technology, Salem.
12.	One week induction program on" Global environmental issues and challenges monitoring using geographic information(GI)technologies" organized by department of civil engineering, from 25th to 30th June 2018,at Knowledge Institute of Technology, Salem.
13.	One day workshop on "how to write research article" on 28 august 2014 at Knowledge Institute of Technology, Salem.
14.	Anna University Approved One Week Workshop on "Design Of Transmission Systems" November-2014, at Mahendra EngineeringCollege, Namakkal
15.	ISTE Sponsored Two Week Workshop on "Engineering Mechanics" April 2012, Jayalakhsmi institute of Technology , Thoppur
16.	ISTE Sponsored Two Week Workshop on " Environmental Science" November-2016 at Knowledge Institute of Technology, Salem.

A09	Special Lectures Delivered
1.	Delivered a Guest lecture in " One day Workshop on E- Vehicle Technology" at K.S. Rangasamy Institute of Technology organized by the Dept.of Mech.Engg., Namakkal on 10th Feb 2023.

A 10	Awards & Recognitions
S.No	Name of the Award
1.	IEI Best Project Guide Award 2015 (Indian Institute of Engineers)
2.	IIC Innovation Ambassador - MoE Innovation Cell /Act as an evaluator for Idea Competitions (YUKTI) conducted at national level. Act as a Mentor for the national level program on Innovation and related activities 2021-2022.

A11	Research Grants/ Projects Received
1.	NIL

A12	Programs Organized
1.	Three Days(16/03/2022 to 18/03/2022) EDP on Coir & Its Allied Products at KIOT-2022 Jointly with ITCOT & Coir Board,Pollachi.
2.	Three days workshop Conducted through " Automotive Club" at KIOT,2019
3.	Three days workshop Conducted through " Hydraulics and Pneumatics Club " at KIOT 07.11.16 to 09.11.16

A13	Universities Visited
1.	Anna University, Chennai, Coimbatore
2.	VIT University, Vellore
3.	Amrita University - Coimbatore