


A1	Personal Details	
A.Elavarasi , M.E.,		
Assistant Professor		
Department of Mechanical Engineering		
Knowledge Institute of Technology, Salem - 637 504. India.		
Ph: +91-9894461464		
Email id: aemech@kiot.ac.in		

A2	Areas of Interest	Computer Aided Design, Kinematics of Machinery, Unconventional Machining Process

A3	Subject Taught	
Engineering Graphics	Computer Aided Design	
Engineering Mechanics	Unconventional Machining Processes	
Basics of Mechanical Engineering	Design of Jigs, Fixtures and Press Tools	
Kinematics of Machinery	Engineering Graphics	
Engineering Materials and Metallurgy	Mechatronics	
Strength of Materials and Metallurgy		

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
M.E.	Engineering Design	Kongu Engineering College, Perundurai.	Autonomous	2012
B.E.	Production Engineering	Government college of Technology, Coimbatore.	Anna University Chennai	2010

A5		Work Experience as on July 2021					
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Assistant Professor		01.06.2012		Present	
Total Experience	9.2 Years	Teaching	9.2 Years	Research	Nil	Industry	Nil

A6		Research Publications			
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
		06	-	-	07
Publications (Journals)					
1	P Dhineesh, Kuruva Gopanna, A Elavarasi, PSS Srinivasan, K Visagavel, D Sakthivel, J Prakash, M Senthil, "Analysis of Driving Postres in Forklift Operations", ADVANCES in NATURAL and APPLIED SCIENCES,ISSN: 1995-0772, 2016 Special 10(9): pages 149-152				
2	Saminathan. P, Prakash. J, Elavarasi, PSS. Srinivasan, K. Visagavel, D. Sakthivel "Risk Assessment and Hazard Evaluation for Paper Industries", 2nd Advances in Natural and Applied Sciences, 2016 Special 10(9): pages 97-101.				
3	T. Mathankumar, J. Prakash, J. Elavarasi & K. Visagavel, "Enhancing EHS Implementation to Create a Positive Safety Culture in an Automotive Friction Materials Manufacturing Industry", International Journal of Advanced Trends in Engineering and Technology, Special Issue, October - 2019, Pages 21-32				
4	J.Prakash, A.Elavarasi, S.muralimanohar, G.siddhartha, T. K.vishnuboopathi, "Design And Development Of Robotic Gripper", International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), Vol.4, Issue.8, August 2018, pages 151-156				
5	Palanisamy.M, Prakash,J and , Elavarasi.A, "Safety Operating system of chlorine gas in Co - Generation Power Plant" International Journal of Applied Engineering Research (IJAER), Volume 10, Number 50 (2015) Special Issues, pp.94-97				
6	Sathishkumar.R, Sampathkumar.K, Hariharan.D, Prakash.J and, Elavarasi.A, "Elimination Of Static Oil Leakage In Shock Absorber" International Journal of Applied Engineering Research (IJAER), Volume 10, Number 50 (2015) Special Issues, pp.145-151				

	Recent Publications (Conferences)
1	Sathishkumar.R, Sampathkumar.K, Hariharan.D, Prakash.J and, Elavarasi.A, "Elimination Of Static Oil Leakage In Shock Absorber", 1st National Conference on Advancements in Mechanical, Environmental, Safety and Health Engineering May-2015, Organized by Knowledge Institute of Technology, Salem.
2	Palanisamy.M, Prakash,J and , Elavarasi.A, "Safety Operating system of chlorine gas in Co - Generation Power Plant", 1st National Conference on Advancements in Mechanical, Environmental, Safety and Health Engineering May-2015, Organized by Knowledge Institute of Technology, Salem.
3	P Dhineesh, Kuruva Gopanna, A Elavarasi, PSS Srinivasan, K Visagavel, D Sakthivel, J Prakash, M Senthil, "Analysis of Driving Postres in Forklift Operations", 2nd National Conference on Advancements in Mechanical, Environmental, Safety and Health Engineering May-2016, Organized by Knowledge Institute of Technology, Salem.
4	Saminathan. P, Prakash. J, Elavarasi, PSS. Srinivasan, K. Visagavel, D. Sakthivel "Risk Assessment and Hazard Evaluation for Paper Industries", 2nd Advances in Natural and Applied Sciences, 2016 Special 10(9): pages 97-101.
5	B Rajarethinam, A Elavarasi, "Study on Safety Management of Small and Medium Scale Industries in Tamilnadu", 3rd National Conference on Advancements in Mechanical, Environmental, Safety and Health Engineering May-2017, Organized by Knowledge Institute of Technology, Salem.
6	J.Prakash, A.Elavarasi, S.Muralimanohar, G.Siddhartha, T.K.Vishnuboopathi, "Design And Development Of Robotic Gripper", 4th National Conference on Advancements in Mechanical, Environmental, Safety and Health Engineering May-2018, Organized by Knowledge Institute of Technology, Salem.
7	S.Arivarasan, N.Asrar Ahamed, M.Balaji , S.Manikandan, A.Elavarasi, "Wear Rate Determination Of Brake Pad Using Hard Chrome Coatings", 4th National Conference on Advancements in Mechanical, Environmental, Safety and Health Engineering May-2018, Organized by Knowledge Institute of Technology, Salem.
8	Elavarasi.A, "Loto Implementation By Carrying Out Energy Source Analysis" 5th National Conference on Advancements in Mechanical, Environmental, Safety and Health Engineering May-2020, Organized by Knowledge Institute of Technology, Salem.

A 07	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1.	Indian Society for Technical Education (ISTE) LM 107425

A8		Training Programs Attended			
S.No	Year	Nature of program	Topic / Title	Organized / Given by	Period
1.	2012	Workshop	Design and Development of Jigs and Fixtures for Advanced manufacturing Industries	KPR Institute of Engineering and Technology, Coimbatore.	31 st August 2012
2.	2013	Workshop	Environmental Health & Safety in Organizations	Knowledge Institute of Technology, Salem.	14 th and 15 th March 2013
3.	2013	Workshop	Swarm and Evolutionary Optimization	Knowledge Institute of Technology, Salem.	12 th and 13 th December 2013
4.	2013	Workshop	Engineering Mechanics	IIT Bombay Remote Center Knowledge Institute of Technology, Salem.	26 th - 60 th November - December 2013
5.	2014	Workshop	Fluid Mechanics	IIT Kharagpur Remote Center- Knowledge Institute of Technology, Salem.	20 th - 30 th May 2014
6.	2014	Workshop	Women Entrepreneurship	Gnanamani Educational Institutions, Namakkal.	11 th August 2014
7.	2014	FDP	Mission10X	Knowledge Institute of Technology, Salem.	17 th - 19 th November 2014
8.	2014	FDP	Kinematics of Machinery	Kongu Engineering College, Erode.	15 th - 21 st December 2014
9.	2015	Workshop	Technical Communication	IIT Bombay Remote Center Knowledge Institute of Technology, Salem.	08 th -05 th October - December 2015
10.	2018	Seminar	Sustainable Composites	Knowledge Institute of Technology, Salem.	20 th January 2018

11.	2018	Workshop	Pedagogy for Online and Blended Teaching -Learning Process	IIT Bombay Remote Center Knowledge Institute of Technology, Salem.	03 rd – 30 th May 2018
12.	2019	FDP (HRD)	Expert Interaction program - Stress is an Evil but Happiness is our choice	Knowledge Institute of Technology, Salem	22.08.2019
13.	2019	FDP (HRD)	Awareness on Provident Fund and Its Benefits	Knowledge Institute of Technology, Salem	29.07.2019
14.	2019	Awareness program	CORONA Awareness Program	Knowledge Institute of Technology, Salem.	10.01.2020
15.	2019	FDP (HRD)	Stress free workplace	Knowledge Institute of Technology, Salem.	11.01.2020 to 13.02.2020
16.	2019	FDP	Webinar on Electrical Vehicle Technology	Knowledge Institute of Technology, Salem.	13.02.2020
17.	2020	FDP	Webinar and live tour of 3d printing leading towards industry	Online webinar	03.05.2020
18.	2020	FDP	Do's and don'ts during recruitment process after covid	Online webinar	4.0 06.05.2020
19.	2020	FDP	See you on top	Online webinar	19 07.05.2020
20.	2020	FDP	Industry expectations it revolution	Online webinar	08.05.2020
21.	2020	FDP	Design thinking for institution development	Online webinar	08.05.2020
22.	2020	FDP	Exploring outcome based education (OBE) and NBA process	Online webinar	07.05.2020-13.05.20
23.	2020	FDP	Introduction to AICTE examination reforms and overview on OBE	Online webinar	14.05.2020-16.05.2020
24.	2021	FDP	AICTE-ISTE-Online teaching learning pedagogy-Phase I, Knowledge Institute of Technology, Salem.	Online webinar	01.03.2021 to 06.03.2021

25.	2021	FDP	FDP on “Mentoring Phase –II”, Knowledge Institute of Technology, Salem.	Online webinar	17.03.2021 & 18.03.2021
26.	2021	FDP	5-day online FDP on "INCULCATING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION" organized by AICTE	Online webinar	03.05.2021 to 07.05.2021
27.	2021	FDP	Product Design using Fusion 360 (Online LIVE FDP) conducted by ICT Academy on	Online webinar	19.04.2021 to 24.04. 2021