


A1	Personal Details	
Mr.A.Selvakumar		
Assistant Professor		
Department of Mechanical Engineering		
Knowledge Institute of Technology, Salem - 637 504. India.		
Ph: +91-9543807707		
Email id:asmech@kiot.ac.in		

A2	Areas of Interest
	Computational Fluid Dynamics (CFD)

A3	Subject Taught	
	UG	PG
	Engineering Graphics	Transport Safety
	Engineering Mechanics	Occupational Health and Industrial Hygiene
	Strength of Materials	
	Kinematics of Machinery	
	Fluid Mechanics and Machinery	
	Finite Element Analysis	

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
B.E.	CAD	Government College Of Engineering, Salem, TN.	Anna University-Coimbatore	2009
M.E.	Production Engineering	Government College Of Technology, CBE	Bharathiar University	2004

A5	Work Experience as on July 2021						
Name of the Institution	Position		From	To			
Knowledge Institute of Technology, Salem	Assistant Professor		June 2012	Present			
The Kavery Engineering College	Assistant Professor		June 2009	May 2012			
Total Experience	14.1 Years	Teaching	13.1 Years	Research	-	Industry	1 Year

A6	Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
		7	-	-	2

Publications (Journals)

1	Karthikeyan Mathesan, Arun Mohan, K Visagavel , V Deepakraja, P Balaji, A Selvakumar, Study and Analysis of Body Postures Using Ergonomic Assessment Tools in Drilling Operations Journal of Industrial Safety Engineering. Vol.2, Issue 1, pages - 28-42, November 2019
2	P.K.Suresh, A.Selvakumar, S.Kamalakannan, K.Visagavel and Dr.PSS.Srinivasan, Fuzzy Logic Based Risk Assessment in a Tool Room, International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST) Vol.4, Issue.8, ISSN (ONLINE):2456-5717, pages - 93-102, August 2018.
3	M.Kaleeshwaran, R.Manivelraja, S.Gowthaman, M.Vigneshwar, Dr.K.Visagavel , A.Elavarasi and A.Selvakumar, Design and Analysis Of Thermal Cold Storage System Using Phase Change Material, International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST) Vol.4, Issue.8, ISSN (ONLINE):2456-5717, pages - 125-130, August 2018
4	V.Sivakumar, K.Visagavel ,A.Selvakumar and C.Jayavel An Explicit Approach of Natural Ventilation for Various Orientation of Wind Catcher Openings using CFD, <i>Journal of Applied Fluid Mechanics</i> , Vol - 11, pages - 103-105, JAFM, 2018
5	V.Sivakumar, K.Visagavel and A.Selvakumar, Analysis of Ventilation Rate in Cross Ventilated Rooms by Varying Aperture Shape of Windows Using CDF, <i>Journal of Applied Fluid Mechanics</i> , Vol - 10, pages - 61-68, JAFM, 2018
6	Shyamsundar R, Selvakumar A and Visagavel K , Applying fuzzy AHP to evaluate the carbon foot print on the workplace in educational institutions, <i>International Journal of Research in Engineering and Technology</i> , Vol - 3, Issue-11, PP 124-129, east Publishers, 2014
7	S.Manojprabhakar, R.C.Ravindranath, R.V.Vinothkumar, A.Selvakumar and K.Visagavel , Fabrication And Testing Of Refrigeration Using Engine Waste Heat, <i>International Journal of Research in Engineering and Technology</i> , Vol - 3, Issue-11, PP 299-304, east Publishers, 2014

Recent Publications (Conferences)

1.	K.Visagavel, A.Selvakumar and S.Ponnusamy Performance Analysis of Overlapped Glass Plate Solar Air Heater and Flat Plate Solar Air Heater, National Conference on AMESHE-2017, KIOT, Salem, TN, May 06 2017.
2.	M.Muthuselvam, A.Selvakumar and K.Visagavel Ergonomics consideration for changing a hot vessel in foundry, TAME- 2013 National Conference on Technological Advancements in Mech Engg. Selvam College of Technology Ponnusamy Nagar, Salem road, Namakkal - 637003, Feb 08 & 09 2013.

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

A 08	Training Programmes Attended
At KIOT	
1.	Attended a Conference on "ANSYS Academic Innovation Conference" Organised by Ansys Inc. 6th Sept 2019

2.	Attended a Workshop on “Sustainable Composites” Knowledge Institute of Technology, Salem, 20 th January 2018
3	Attended AICTE approved four-week Faculty Development Programme on “USE of ICT in Education for Online and Blended Learning conducted” conducted by IIT Bombay from 02-05-2016 to 10-07- 2016 at Knowledge Institute of Technology, Salem.
4	Attended Two week ISTE STTP on “Technical Communication” conducted by IIT Bombay 08-10-2015 to 05-12-2015 at Knowledge Institute of Technology, Salem.
5	Attended a Workshop “Mission 10X for Engineering Faculty” from 06-07-2015 to 08-07-2015 at Knowledge Institute of Technology, Salem.
6	Attended a Workshop on, “How to Write Research Article” Knowledge Institute of Technology, Salem, 28 August 2014
7	Attended Two week ISTE workshop “Fluid Mechanics” organized by IIT Bombay from 20-05-2014 to 30-05-2014 at Knowledge Institute of Technology, Salem.
8	Attended a “Swarm and Evolutionary Optimization “ Workshop organized by mechanical engineering from 12-12-2013 to 13-12-2013 at Knowledge Institute of Technology, Salem.
9	Attended Two-week ISTE workshop “Engineering Mechanics” organized by IIT Bombay from 26-11-2013 to 6-12-2013 at Knowledge Institute of Technology, Salem.
10.	Attended AICTE Training and Learning (ATAL) Academy Online FDP on "FEM/CFD" from 14-10-2020 to 18-10-2020 at LAKSHMI NARAIN COLLEGE OF TECHNOLOGY.
11.	Attended AICTE Training and Learning (ATAL) Academy Online FDP on " Sensors Technology" from 03-11-2020 to 7-11-2020 at Department of Physics, The University of Burdwan.
12.	Attended a Faculty Development Program on Central Air conditioning of a House using Revit (Online Live FDP) conducted by ICT Academy on 28 Jun 2021 to 02 Jul 2021.

A 9	Awards & Recognitions
S.No	Name of the Award
1.	Received National level M.Tech "Best project Guidance Thesis Award" Contest - 2013 from ISTE (2013) at Kolhapur. .The guided project was awarded as second place all over the State.
2.	Received “Best Project Award 2014 “from ISTE Tamilnadu and Pandichery Section
3.	Received "Best project Guidance Award" from ISTE (2014) at Adhiyamaan Engineering College, Hosur.
4.	Received “ Achiever Award” 2015 to 2016 at KIOT.
5.	Received “Best Faculty Award 2017” at KIOT.
A11	Research Grants/ Projects Received
1.	Centralized Apartment monitoring System for Texas Instrument Innovation

	Challenge Contest -2017(Went to Semi-finals and won Cash prize of Rs.20000)
2	Soil Tester for Texas Instrument Innovation Challenge Contest -2017(Went to Semi-finals and won Cash prize of Rs.20000)
3	Received project Fund Rs10,000 by Texas Instruments for WEBENCH DESIGN CONTEST 2015-2016
A12	Programs Organized
1.	Organized "MAKE A PRODUCT" for Mechanical Students at KIOT,2013.
2.	Organized Hands on Session "Piping design" for Mechanical Students at KIOT,2016
3	Organized Hands on Session "ANSYS" for Mechanical Students at KIOT,2018
4	Organized "MAKE A PRODUCT" for Mechanical Students at KIOT,2013.
A13	Universities Visited
1.	Anna University, Chennai
2.	VIT University, Vellore
3.	Karunya University- Coimbatore
4.	Annamalai University - Chidambaram