


A1	Personal Details	
Dr.V.Sivakumar, M.E.,Ph.D.		
Assistant Professor		
Department of Mechanical Engineering		
Knowledge Institute of Technology		
Ph: +91 -9976002585		
E Mail ID: vskmech@kiot.ac.in		

A2	Areas of Interest
	Engineering Design

A3	Subject Taught	
Engineering Graphics	Hydraulic and Pneumatic systems	
Engineering Mechanics	Unconventional Machining Process	
Strength of Materials	Total Quality Management	
Kinematics of Machinery	Integrated Design of Machine Elements	
Dynamics of Machines		
Finite Element Analysis		
Design of Machine Elements		

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
B.E.	Mechanical Engineering	Maharaja Engineering College, Coimbatore	Bharathiyar University	2003
M.E.	Engineering Design	Kongu Engineering College, Erode	Anna University	2005
Ph.D.	Thermal Engineering	Knowledge Institute of Technology, Salem	Anna University	February 2020

A5	Work Experience as on July 2021			
Name of the Institution	Position	From	To	
M.Kumarasamy College of Engineering	Assistant Professor	June 2006	May 2014	

Sengunthar College of Engg, Tiruchencode.	Assistant Professor	June 2014	September 2014				
M.A.M College of Engg., Trichy.	Assistant Professor	November 2014	July 2018				
Selvam College of Technology, Namakkal.	Associate Professor	August 2018	June 2019				
Cheran College of Engg., Karur.	Associate Professor	June 2019	June 2021				
Knowledge Institute of Technology	Assistant Professor	July 2021	Till date				
Total Experience	15.8 Years	Teaching	15.8 Years	Research	10 Years	Industry	-

A6		Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total	
		4	2	1	6	10
Publications (Journals)						
1	Analysis of Ventilation Rate in Cross Ventilated Rooms by Varying Aperture Shape of Windows using CFD”, Journal of Applied Fluid Mechanics Vol. 10, Special Issue, pp. 61-68, 2017. Annexure I Impact Factor: 1.09.					
2	An Explicit Approach of Natural Ventilation for Various Orientation of Wind Catcher Openings using CFD’, Journal of Applied Fluid Mechanics Vol. 11, Special Issue, pp. 103-105, 2018. Impact Factor: 1.09					
3	Enhancement of induced natural ventilation using various ventilator configuration in single side ventilated building using CFD, Indian Journal of Geo-Marine Sciences (IJMS) Vol. 49, No. 03, March 2020. Impact Factor: 0.496.					
Recent Publications (Conferences)						
1.	Sivakumar.V, “Process Failure mode and Effect of Analysis”, National Conference of GETME 2005, Kongu Engineering College, Perunduarai, Erode.					
2.	Sivakumar.V, “Reduction of Weld Effect on Butt Weld Using FMEA”, National conference on Advances & Challenges in Mechanical Engineering, M.Kumarasamy College of Engineering, Karur.					
3.	Sivakumar.V “Ventilation performance prediction for Building: A Methods Overview and Recent Applications”, National conference on Emerging Technologies, “MKCE-CONFLUENCE-12”, M.Kumarasamy College of Engineering, Karur.					

	2017
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A 07	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1.	Indian Society for Technical Education -Life Member(ISTE)

A 08	Training Programmes Attended
Outside & inside KIOT	
1	Faculty Development Training Programme on Dynamics of Machines, Velalar College of Engineering & Technology, Erode, 16th June to 18th June 2018.
2	Faculty Training Programme, Expert Hands-on in Mechanical Systems Modeling, Meshing and Simulation Using Ansys16.2. Kongu Engineering College, Perunduarai. 08th & 09th January 2016.
3	Engineering Faculty Workshop on Mission 10X, Wipro Technology, 1st December to 3rd December 2015.
4	Workshop on Introduction training on FEA with Ansys, TRP Engineering College, Trichy. 15th June 2015.
5	National Workshop on Effective Research & Technical Paper Writing, Kongu Engineering College, Perundurur. 6th September 2014.
6	Workshop on Computational Fluid Dynamics Conducted by IIT-Bombay, 12th June to 22nd June 2014.
7	Faculty Development Programme on Research Writing, M.Kumarasamy College of Engineering, Karur, 17th August 2013.
8	Staff Development Program on Stress, Structural & Thermal analysis of Boiler Components, M.Kumarasamy College of Engineering, Karur, 6th May to 16th May 2013.
9	Workshop on Engineering Thermodynamics Conducted by IIT-Bombay, 11th December to 21st December 2012.
10	National workshop on Numerical Simulation of Heat and Fluid Flow Using CFD Codes, VIT University, Vellore, 26th April to 28th April 2012.
11	Workshop on Simulation of Mechanical System using CFD Tools-A Practical Approach. Sri Ramakrishna Engineering College, Coimbatore, 3rd & 4th February 2012.
12	Workshop on Pursuing Effective Research in Mechanical Engineering, Knowledge Institute of Technology, Salem, 18th & 19th Nov 2011.
13	Short term training Programme on Introduction to Smart Materials and Structure, Indian Institute of Technology -Madras, 4th January to 8th January 2011.
14	Workshop on Skill Enhancement in Mechanical Analysis & Simulation, Dr. Mahalingam College of Engineering & Technology, Pollachi. 28th April to 30th April 2010.
15	National seminar on Composite Materials Design Challenges & Opportunities, K.S.R. College of Technology, T.Gode. 25th & 26th June 2009.
16	Quality improvement Programme on e-Content Development & Delivery, Organized by M.Kumarasamy College of Engineering, Karur. 30th June to 05th

	July 2008.
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A09	Special Lectures Delivered
1.	Guest Lecture on “Finite Element Analysis” for students at Adithya Institute of Technology, Coimbatore on 23 rd April 2016.
2.	Guest lecture on “Application of Finite Element Analysis” Velalar College of Engineering & Technology, Erode on 29 th April 2016.
3.	Special Lecture on “Design of Machine Elements for Mechanical Engineers” for students at K. Ramakrishnan College of Technology -Trichy on 30 th October 2017.
4.	Special lecture on “Application in Strength of Materials for Mechanical and Civil students” K. Ramakrishnan College of Technology -Trichy on 28 th & 31 st October 2017.
5.	Special lecture on “Finite Element Analysis - Natural Coordinates & ISO Parametric Elements” K. Ramakrishnan College of Technology -Trichy on 12 th March 2018.

A10	Awards & Recognitions
S.No.	Name of the Award
1.	Received Meritorious award, Second Place in Appraisal all the Department in the Year of 2013 from MKCE.
2.	Received Meritorious award, Best Class Advisor in the Department, Year of 2010 from MKCE.
3.	Received Meritorious award, Best Class Advisor in the Department, Year of 2014 from MKCE.
4.	Received Gold Coin for best result produced over the Anna university academic excellence award for achieving 100% result in the Academic Years 2007-2008, 2008 - 2009, 2010-2011, 2011-2012 from MKCE.

A11	Research Grants/ Projects Received
1.	

A12	Programs Organized
1.	

A13	Universities Visited
1.	Anna University