


A1	Personal Details	
J.Prakash , M.E., (Ph.D.)		
Assistant Professor		
Department of Mechanical Engineering		
Knowledge Institute of Technology, Salem - 637 504. India.		
Ph: +91-9789565007		
Email id: jpmech@kiot.ac.in		

A2	Areas of Interest	Robotics, Kinematics of Machinery
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A3	Subject Taught	
Robotics	Principles of Safety Management	
Kinematics of Machinery		
Strength of Materials		
Dynamics of Machinery		
Engineering Mechanics		
Engineering Graphics		
Production Planning and Control		
Power plant Engineering		
Unconventional Machining Process		
Total Quality Management		

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Year of Passing
B.E.	Mechanical Engineering	V.S.B Engineering College, Karur	Anna University Chennai	2008
M.E.	Engineering Design	Sona College of Technology, Salem.	Anna University Coimbatore	2010
Ph.D.	Robotics	Knowledge Institute of Technology, Salem	Anna University Chennai	Pursuing

A5		Work Experience as on July 2021					
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Assistant Professor		14.06.2012		Present	
Vivekananda Institute of Engineering and Technology for women, Tiruchengode, Namakkal, Tamilnadu, India		Lecturer		25.08.2010		31.05.2012	
Total Experience	10.10 Years	Teaching	10.10 Years	Research	-	Industry	-

A6		Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total	
		10	-	-	-	10
Publications (Journals)						
1	J Prakash and M Ilangkumaran, "An investigation of various actuation mechanisms in robot arm" Measurement and Control 2019, Vol. 52(9-10) 1299-1307					
2	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					
3	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					
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.					
5	D. Manikandan, J. Prakash, T. M. Ganesh Anand, M. Praveen, N. Gunasekaran, M.Dharmaprakash "Performance And Emission Characteristics Of Jatropa & Cotton Seed Oil With Diesel", Advances in Natural and Applied Sciences, 2017 May 11(7): pages 859-867.					
6	Saminathan. P, Prakash. J, Elavarasi, PSS. Srinivasan, K. Visagavel, D. Sakthivel "Risk Assessment and Hazard Evaluation for Paper Industries", Advances in Natural and Applied Sciences, 2016 Special 10(9): pages 97-101					
7	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					
8	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					

9	Thangavel.M, Prakash.J, "Contact Force Analysis of Deformable Finger", Proceedings of International Journal of Computational Vision and Robotics, Vol. 1, No. 4, 2010. PP.392- 414.
10	Prakash.J, Thangavel.M, "Design and Analysis of Actuation Mechanisms for three fingered gripper", Proceedings of International Conference on Innovative Research in Engineering and Technology, ICIRET2010, 12-14 Aug 2010,oimbatore, India, ISBN-978-1-4507-3097-6.

A7	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1.	Indian Society for Technical Education (ISTE)

A8	Training Programmes Attended
1	Attended 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 3 May, 2021 to 7 May, 2021.
2	Attended a Conference on "ANSYS Academic Innovation Conference" Organised by Ansys Inc. 6th Sept 2019
3	Attended a Workshop on "Pedagogy for Online and Blended Teaching -Learning Process" IIT Bombay Remote Center Knowledge Institute of Technology, Salem.03rd - 30th May 2018
4	Attended a Workshop on "Foundation Program in ICT for Education (Re-run of FDP101x offered by 2017)" IIT Bombay Remote Center 2018
5	Attended a Workshop on "Sustainable Composites" Knowledge Institute of Technology, Salem, 20th January 2018
6	Attended a TEQIP Course on "Foundation Skills in Integrated Product Development (FSIPD)", Government College of Engineering, Salem 19th -23rd January 2016
7	Attended Two-Week ISTE STTP Workshop on "Technical Communication" IIT Bombay, Remote Center Knowledge Institute of Technology, Salem. 08th-05th October -December 2015
8	Attended a FDP on "Mission10X",Knowledge Institute of Technology, Salem. 17th - 19th November 2014
9	Attended a Workshop on, "Application of Robots in Manufacturing Industry (ARMI-2014)", Anna University, Chennai26th - 27th September 2014
10	Attended a Workshop on, "How to Write Research Article" Knowledge Institute of Technology, Salem, 28 August 2014
11	Attended a Workshop on, "Fluid Mechanics" IIT Kharagpur, Remote Center, 20th - 30th May 2014
12	Attended a Conference on, "Advancements in Mechanical, Environment, Safety and Health Engineering" Knowledge Institute of Technology, Salem.3rd May 2014
13	Attended a Workshop on, "Swarm and Evolutionary Optimization" Knowledge Institute of Technology, Salem.12th and 13th December 2013

14	Attended a Two Week ISTE Workshop on, "Engineering Mechanics" IIT Bombay, Remote Center, 26th - 6th November-December 2013
15	Attended a Workshop on, "Automotive New Product Development
16	ExpertsHub Industry Skill Development Center", IIT Bombay, 24th -25th Aug 2013
17	Attended a Conference on, "Indian Technology Congress 2013 NIMHANS Convention center", Bangalore 24th -25th July 2013
18	Attended a Workshop on, "Environmental Health & Safety in Organizations", Knowledge Institute of Technology, Salem. 14th and 15th March 2013
19	Attended a Conference on "ANSYS Academic Innovation Conference" Organised by Ansys Inc. 6th Sept 2019

A9	Programs Organised
1	Organized Hands on Session on "AUTODESK FUSION 360 Software Training (Online Mode)" for Mechanical Students KIOT held on 12th March to 15th March 2021
2	Organized Skill Development Program on "CATIA Software (Online)" for Mechanical Students KIOT held on 08 th October to 4 th December 2020
3	Organized Hands on Session "REVITMEP" (Mechanical, Electrical and Plumbing) for Mechanical Students KIOT held on 11th February 2020
4	Organized Hands on workshop "Surface Design, Sheet Metal & Geometric dimensioning and Tolerances", for Mechanical Students KIOT held on 25th and 26th September 2019.
5	Organized Seminar on "Opportunity in CAD/CAE Domain", for Mechanical Students KIOT held on 20th December 2018
6	Organized Hands on Session "Surface Design, Sheet Metal an Geometric dimensioning and Tolerances", for Mechanical Students KIOT held on 07th December 2017
7	Organized Seminar on "Innovation and Design Concept", for Mechanical Students KIOT held on 27th July 2016
8	Organized Seminar on "Product into Patent", for Mechanical Students KIOT held on 27th July 2016
9	Organized Guest Lecture on "Role of Design Engineer in R & D", for Mechanical Students KIOT held on 3rd September 2015
10	Organized Hands on Session "Pro/e Wildfire 5.0" for Mechanical Students KIOT held on 16th December 2015 to 24th December 2015

A10	Highlights of Major Contributions
1	Department CAD Incharge, MECH, KIOT
2	Centre of Excellence Coordinator/ Harita Techserv limited), MECH, KIOT
3	Designers Club Incharge, Mech, KIOT

4	Peer reviewer on International Journal of Assembly Automation, Emerald Publishing.
5	Practical End Semester Examinations Question Paper Setter November / December 2018 for Government College Engineering, Salem , Anna University, Chennai.
6	Practical End Semester Examinations Question Paper Setter November / December 2019 for Kongunadu College of Engineering and Technology(Autonomous), Anna University, Chennai.
7	Played a vital role during the reassessment of NAAC by KIOT
8	Played a vital role in getting the accreditation by NBA for the Department of Mechanical Engineering, KIOT
A11	Awards
1.	Received Best Faculty Research Award - 2014-15