


A1	Personal Details	
Mr.S.RAJESHKANNA, M.E.,		
Assistant Professor		
Department of Mechanical Engineering		
Knowledge Institute of Technology, Salem - 637 504. India.		
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A2	Areas of Interest
	Design

A3	Subject Taught	
UG		
Manufacturing Technology II	Mechatronics	
Fluid Mechanics and Machinery	Computer Integrated Manufacturing systems	
Dynamics of Machinery	Maintenances Engineering	
Finite Element Analysis	Selection of Materials	

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Year of Passing
M.E.	Product Design and Development	Sona College of Technology,Salem	Anna University,Chennai	2015
B.E.	Mechanical Engineering	Sona College of Technology,Salem	Anna University,Chennai	2013
Diploma.	Production Engineering	Rajaji institute of Technology,Salem	DOTE	2009

A5	Work Experience as on July 2021						
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Assistant Professor		June 2015		Present	
Total Experience	7.9 Years	Teaching	7.9 Years	Research	Nil	Industry	Nil

A6	Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
		12	-	-	01
Publications (Journals)					
1.	Published a research paper entitled "Investigation Of Process Parameters To Minimize The Blow Holes defect In Casting Using Mini Tap Software Advances In Natural And Applied Sciences,ISSN: 1995-0772 2016 Special10(7): pages 392-396.				
2.	Published a research paper entitled "Investigation on Tensile and Compressive Properties of Jute Fiber Reinforced EpoxyResin Composites", ADVANCES in NATURAL and APPLIED SCIENCES,ISSN: 1995-0772, 2016 Special10(7): pages 349-354.				
3.	Published a research paper entitled "Investigation of Process Parameters And Experimental Analysis To Minimize The Casting Defects Using Taquchi Method", International Journal of Scientific & Engineering Research,May-2016 ISSN 2229-5518, Volume 7, Issue 5: pages 82-87.				
4.	Published a research paper entitled "Locking Reverse Wheel Using Anti Roll Back Mechanism", Advances in Natural and Applied Sciences(1995-0772), 11(4) 498-501.				
5.	Published a research paper entitled "Water Hyacinth Removal Machine From Lake", Advances in Natural and Applied Sciences(1995-0772), 11(4): pg 428-431.				
6.	Published a research paper entitled "Dual Ram Shaping Machine", International Journal of Advanced Research in Basic Engineering Sciences and Technology(2456-5717), Volume .3, Issue.38, 52-55.				
7.	Published a research paper entitled "Design And Fabrication Of Paddy Harvester Using Solar Panel", International journal Of Advanced research In Management, Architechture, technology And Engineering, Volume 4 & Issue 8,pp 46-48, 2454-9762.				
8.	Published a research paper entitled "Automatic side stand retrieve system", International journal of advanced research in basic engineering sciences and technology, Volume 4 & Issue 8,pp 90-92, 2456-5717.				
9.	Published a research paper entitled "Highway Wind Mill Power Generation", AMESHE - 2019.				
10.	Published a research paper entitled "Synthesis and characterization of cu nanoparticles using high energy ball milling route and compare with scherrer equation" International Journal of Scientific Engineering and Research (IJSER),Volume 2& Issue 12,pp 30-35.				
11.	Published a research paper entitled "Investigation Of Process Parameters And Experimental Analysis To Minimize The Casting Cold Shut Defect Using Taquchi Method", International Journal of Applied Engineering Research, Volume 10& Issue 50,pp 323-331.				
12.	Published a research paper entitled "Design And Fabrication Of Free Energy Generator", International Journal of Advanced Trends in Engineering and Technology, SSN: 2456 - 4664, Special Issue, October - 2019.				
Recent Publications (Conferences)					

1	Presented a paper on “Investigation Of Process Parameters And Experimental Analysis To Minimize The Casting Cold Shut Defect Using Taquchi Method”@ the Kavery College of Engineering, February 2015.
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A7	Programs Organized
1	Organized Clay Sculpting Competition through Product Design and Development Club held on 16.09.2022 & 17.09.2022
2	Organized Two day workshop on Finite Element Analysis method- Theory and programming through Product Design and Development Club held on 03.01.2023 & 04.01.2023

A8	Highlights of Major Contributions
1	Department NIRF Coordinator of KIOT
2	Department Database in charge
3	HaritaTechserv limited, MECH, KIOT
4	Played a vital role during the assessment of NAAC by KIOT
5	Played a vital role in getting Accreditation for NBA,MECH,KIOT

A9	Training Programmes Attended
KIOT & Other Institution	
1.	Attended one day webinar & live tour of 3D printing ,learning towards industrial 4.0, held on 03.05.2020 IST through you tube live streaming
2.	Attended One Week Faculty Development Program On “ Insights Research And Innovation ” organized by Research & Development Cell mand Institution’s Innovation Council of Vivekanandha College of Engineering for Women from 13th May 2020 to 20th May 2020.
3	Attended one day webinar industry 4.0-transforming industries organized by school of mechanical Engineering, sathyabama institute of science and technology, Chennai on 19 may 2020.
4	Attended three days online assessment course on “ Level up your Proficiency in Mechanical Engineering ” organized by the Mahendra institute of technology from 13 may 2020 to 15 may 2020.
5	Attended one day webinar Overview of Non Destructive Testing on Weldment , organized by Department of Mechanical Engineering, AMET on 15th May 2020.
6	Attended one day webinar on “ UM4EM (USE OF Mathcad 4 Engineering Mathematics Subjects) held on 16.05.2020. Organized by Sri Ram Institute of Technology.

7	Attended one day Webinar series on “ Exploring outcome Based Education (OBE) And NBA Process ” from 07-05-2020 to 13-05-2020.organized by knowledge institute of Technology, salem
8	Attended one day Webinar on EV Technology held on 15.05.2020.Organized By Mahendra College of Engineering.
9	Attended Two-Day FDP on Virtual Teaching , Conducted by CIT – TLCon April 21 & 22, 2020, through online mode. Organized by Coimbatore Institute of Technology
10.	Attended Five days FDP on Materials for thermal and Renewable Energy Research held on 20 May to 24 May 2020.
11	Attended One week FDP on Finite Element Analysis , 04 to 10 December 2015, at Dhirajlal Gandhi College Of Technology, Salem.
12.	Attended MISSION 10X – Engineering faculty workshop 3 – 5 February 2016 at Knowledge Institute of Technology
13.	Attended One week FDP on Finite Element Analysis , 17 to 23 December 2016, at Romco Institute of Technology, Rajabalayam
14.	Attended “ Deep Learning and Game Theory for Computer Science ” in Covention of Computer Society of India (CSI) 22 – 25 January 2017 at Hotel Le Meridien, Coimbatore.
15.	Attended a Workshop on “ Sustainable Composites ” Knowledge Institute of Technology, Salem, 20 th January 2018
16.	Attended One week FDP on “ Engineering Thermodynamics ” 26 to 27 june 2016, Knowledge Institute of Technology, Salem
17.	Attended a webinar on EV Technology held on 15.05.2020, Mahendra College of Engineering, Salem
18.	Attended a FDP on “Mentoring Phase -II”, held on 22.12.2020 & 23.12.2020 at Knowledge Institute of Technology, Salem
19.	Attended AICTE-ISTE-"Online Teaching Learning Pedagogy-Phase I", held on 01.03.2021 to 06.03.2021 at Knowledge Institute of Technology, Salem
20.	Attended a Seminar on Well Being & Effective Mentoring of Students held on 26.03.2022 at Knowledge Institute of Technology, Salem
21.	Attended a workshop on Faculty workshop on Fusion 360 held on 23/09/2022 to 24/09/2022 at PSG, Coimbatore
22.	Attended a FDP on Thermal Science and Materials Engineering held on 07/11/2022 to 11/11/2022 at Srinivasa Ramanujan Institute of Technology, Ananthapuramu