

Name	P.MANIKANDAN			
Department	MECHANICAL ENGINEERING			
Qualification	M.E.,			
Area of Specialization	ENGINEERING DESIGN			
Date of Joining (KSR IET)	04-08-2011			
Experience (as on 30.05.2020)	Teaching: 9 Years, 6 Months	Industry: Nil	Others: Nil	
Number of Papers Published	National Journals : Nil	International Journals : 02		
Number of Papers Presented	National Conferences: 05	International Conferences : 02		
Books Published	National Publisher : Nil	International publisher : Nil		
Contact Details	E Mail: maniksriet@ksriet.ac.in Mobile: 9944715534			

Publications (International Journals) .

1. P.Manikandan, “ Design and Analysis of Parallel Hybrid Two Wheeler” International Journal of Engineering Science and Computing, Vol-9:Issue-3 ISSN-2321-2019, (Impact Factor – 5.611)
2. P.Manikandan, “Design and Performance Analysis of P2H Electric Vehicle” International Research Journal of modernization in Engineering Technology and Science, Volume:02/Issue:03/March-2020,

Publications (National Journals)

Nil

Publications (International Conferences)

1. P.Manikandan, “Design and modification of fixture to avoid seal damage and oil leak in engines”, in international conference on advances on biotechnology, civil & Mechanical Science (ICABCMS-2017) Selvam College of Technology, March 2017.

Publications (National Conferences)

1. P.Manikandan, “Force Distribution Analysis of Herring Bone Gears used in Windmill Turbine”, Proceedings of the National Conference on Advances in Mechanical Engineering (NCAME- 2010) Mahendra Engineering College, April 2010.
2. P.Manikandan, “Force Distribution Analysis of Herring Bone Gears used in Windmill Turbine”, National conference on Recent Advances in Mechanical Engineering (RAME 2010), K.S.Rangasamy College of Technology, Tiruchengode

3. P.Manikandan,“Design and Fabrication of Composite Spur Gear Using Coir Fiber” National conference on Recent Advances in Mechanical Engineering 2015 (RAME 2015), K.S. Rangasamy College of Technology, April2015.
4. P.Manikandan,“Fracture Behaviour Analysis of Fly Ash Composites”, National conference on Recent Inventions in Dynamic Engineering 2015 (RIDE 2K15), Mahendra Institute of Engineering and Technology, March 2015.
5. P.Manikandan,“Hydraulic Activated Mono Suspension”, National conference on Emerging Trend in Engineering and Technology 2017 (ETET 2K15), Gnanamani College of Technology, March2017.
6. P.Manikandan,“Analysis of P2H Vehicle”, National conference on Advances Technologies on Aerospace & Mechanical Engineering, CSI College of Engineering, January 2020.

Books/Instructionmaterials/monogramspublished

S.No	Title oftheBook	Author(s)	Name&Address of the Publisher	Yearof Publishing
-	-	-	-	-

FundedResearchProjects

S.No	Title oftheProject	NameoftheFunding Agency	Amount Sanctioned (Rs.)	Role
-	-	-	-	-

FundedProgrammesOrganized(Seminar/Conference/Workshop/FDP/STTP/Other)

S.No.	Date		Topic/Title	Fundingagencyand AmountSanctioned
	From	To		
1.	8.11.2012	9.11.2012	Heat Exchangersand its Applications	CSIR &Rs 30,000/-

Consultancy Activities (Industry)

S.No	Title oftheProject	NameoftheCompany
-	-	-

Training attended

1. Workshop on Intelligent Product Design and Manufacturing held at Karpagam College of Engineering on August 2015.
2. Training on Compressor dismantling and assembling held at ELGI Equipments Ltd, Erode.
3. Faculty Development Program on Advanced CNC and Automation Tools held at K.S.Rangasamy College of Technology, &organized by MTAB Technology Center on December 2014.
4. Workshop on Intelligent Product Design and Manufacturing held at Karpagam College of Engineering on August 2015.
5. Workshop on Environmental Pollution and Control held at Karpagam College of Engineering on November 2015.
6. Workshop on Safety and Security in Automobile held at Karpagam College of Engineering on November 2015.
7. Workshop on Robotics in Industrial Automation Karpagam College of Engineering on November2015.
8. Seminar on Human factors and Ergonomics in Health care and Patient Safety held at Muthayammal Engineering College, on September 2017.
9. Seminar on Recent Advances in Cryogenics and Industrial Application shield at Muthayammal Engineering College, on October 2017.
10. Workshop on Tips for Writing research proposals, journal papers and patent filing held on February2018.

MembershipinProfessional Bodies

1. Indian Society forTechnical Education(ISTE)-Life Member (LM77215)

Subject Links

1. https://www.google.co.in/books/edition/Engineering_Mechanics/9TZ6sKfu3w4C?hl=en&gbpv=1&dq=engineering+mechanics&printsec=frontcover
2. https://www.google.co.in/books/edition/Engineering_Drawing_And_Graphics_+_Autoc/yoY93bf_QQAC?hl=en&gbpv=1&dq=engineering+graphics&pg=RA1-PP1&printsec=frontcover
3. https://www.google.co.in/books/edition/A_Textbook_of_Strength_of_Materials/2IHEqp8dNWwC?hl=en&gbpv=1&dq=strength+of+materials&printsec=frontcover
4. https://www.google.co.in/books/edition/Power_Plant_Engineering/Cv9LH4ckuEwC?hl=en&gbpv=1&dq=power+plant+engineering&printsec=frontcover