SRI SAI RAM ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGINEERING

Name: Dr.R.Ashok Gandhi	
Designation:	Associate Professor
Qualification:	M.E,Ph.D
Area of Specialization:	Manufacturing Engg
Experience:	Teaching-21 Years
	Industry : 1 Year
Number of Workshops/ Conferences/ FDP Attended:15	WORSHOP- 10 NATIONAL/INT. CONFERENCE- 5
Publication:	Journal: National **International 10**
	Conference: National: **International: 2**
General:	
Staff Achievement	Got DST funding for a Research project ": **Design, Development and Demonstration of Vertical axis Free flow helical clustered Water Turbines**"

Educational Qualification:

Category	**Name of the Degree**	**Specialization**	**Year of Passing**	**Name of the College**	**Name of the University**	**% of Marks**
Phd	Phd	Manufacturing Engineering	2017	Annamalai University	Annamalai University	-
P.G.	M. E.	Production Engineering	2000	Annamalai University	Annamalai University	63
U.G.	B.E .	Mechanical Engineering	1997	Mookambigai College of Engineering	Bharadidasan University	55

Professional Experience:

Sl. No	College/Organization	Designation	Period From To	Total period	Nature of work
1.	Sri Sai Ram Engineering College,Chennai	Associate Professor	01.08.2011 onwards	10 years 6months	Teaching
3.	Sri Sai Ram Engineering College,Chennai	Assistant Professor	04.08.2008-30.07.2011	3 years	Teaching
2.	Asan Memorial college of Engineering,Chengalpatt	Sr.Lecturer	28.09.2007 -28.07.2008	10 Months	Teaching
3.	Krishnasamy College of Engineering	Sr.Lecturer	05.01.2007-27.09.2007	8 Months	Teaching
4.	SSM college of Engineering,Komarapalayam	Sr.Lecturer	1.03.2006 -22.12.2006	9 Months	Teaching
5.	Idhaya college of engineering for women,ChinnaSelam	Sr.Lecturer	2.09.2004-28.02.2006	1 year 5 month	Teaching
6.	Annai Teresa college of Engineering,Thirunavallur	Lecturer	27.07.2000 -1.09.2004	4 years	Teaching

Papers published in the international conferences :

"Studies on wear characteristics polypropylene with modified clay(Organo clay)Nano composites" R. Ashok Gandhi1*, B.K. Raghunath , K.Palanikumar,International conference on advances in trobology ,National institute of Technology,Calicut ,285-288

Funded Projects: Research project **": Design, Development and Demonstration of Vertical axis Free flow helical clustered Water Turbines" funded by DST, Government of India**

List of publications in international journals:

Flow stress modeling of AZ91 magnesium alloys at elevated temperature. Journal of Alloys and Compounds, B.K. Raghunath, K. Raghukandan,R. Karthikeyan, K. Palanikumar, U.T.S. Pillai, R.Ashok Gandhi,. Volume 509, Issue 15, Pages Pages 4992-4998, April 2011. 43.

Role of carbon nanotubes (CNTs) in improving wear properties of polypropylene (PP) in dry sliding condition R. Ashok Gandhi, K. Palanikumar , B.K. Ragunath , J. PauloDavim Materialsand Design 48 (2013)52–57.

Role of carbon nanoclay in improving wear properties of polypropylene (PP) indry sliding condition R. Ashok Gandhi, K. Palanikumar , B.K. Ragunath , Asian Journal of chemistry,Vol 25 (2013),139-142.

Optimization of Wear Characteristics of Polypropylene (PP)-Carbon Nano Tube(CNT) Using Taguchi Table,R. Ashokgandhi, B.K. Raghunath, K. Palanikumar,V. Jayaseelan and S. Ganapathy,Advanced Nanomaterials: Synthesis and Applications, pp. 141-1433(2015).

Effect of Carbon Nano Tubes (CNT) on Hardness of Polypropylene Matrix R. Ashok Gandhi, Jayaseelan,KP Kumar, BK Raghunath, S Krishnaraj KP Kumar, BK Raghunath, S Advances in Materials and Metallurgy, 2019 , PP 261-270.

Nano Indendation Hardness Testing Of PP-CNT Composites RAshok Gandhi, V Jayaseelan, BK Raghunath, K Palanikumar, Materials Today: Proceedings16,1372-1377.

Performance of Waste Insulating Mineral Oil-Based Biodiesel in a Direct-Injection CI Engine
A Sivakumar, R Sathiyamoorthi, V Jayaseelan, RA Gandhi, K Sudhakar
International Journal of Automotive and Mechanical Engineering 18 (4), 9349–9361-9349–9361

Role of Calcium Carbonate(CaCO3) in improving wear resistance of Polypropylene(PP) components used in automobiles
K.Palanikumar , R.AshokGandhi , B.K.Raghunath Materials Today: Proceedings 16, 1363–1371