



INDIVIDUAL FACULTY DATA SHEET

Name of the College : Sri Sai Ram Engineering College
Name of the Department : Mechanical
Name of the faculty member : R.Ashok Gandhi
Present Designation : Associate Professor
Residential Address : 27/3 Jagadeesan St,NGGO Colony,Chengal Pat
Contact Nos. : Landline : Mobile:9962290907
Email : ashokgandhi.mech@sairam.edu.in
Gender : Male
PAN Number : AKIPA2010Q
Date of Birth : 25.05.1976

I. Particulars of Educational Qualification: (only completed)

Categor y	Name of the Degree	Specializatio n	Year of Passing	Name of the College	Name of the University
UG	B.E	Mechanical	1997	Mookambiga i Engineering college	Bharathidasan
PG	M.E	Production	2000	Annamalai University	Annamalai University
Ph.D.	-	Manufacturin g	2017	Annamalai University	Annamalai University

Title of Ph.D. Thesis * : Some studies on wear characteristics of polypropylene nano composites

Faculty in which Ph.D. was awarded : Manufacturing Engineering

IV. Academic Experience :

Name of the College	Designation	Joining Date	Relieving Date	Experience
1. Annai Teresa College of Engineering	Lecturer	27.07.2000	31.01.2002	1 Year and 6 months
2. Thirumalai Engineering College	Lecturer	03.07.2002	25.02.2003	7 Months
3. Annai Teresa College of Engineering	Lecturer	23.02.2003	1.09.2004	1 year and 7 months
4. Idhaya Engineering College for women	Senior Lecturer	2.09.2004	26.02.2006	1 year and 5 months
5. SSM College of Engg	Senior Lecturer	27.02.2006	22.12.2006	10 Months
6. Krishnasamy College of Engg	Senior Lecturer	5.01.2007	27.09.2007	8 Months

7.Asan College of Engineering	Associate Professor	28.09.2007	28.07.2008	10 Months
8.Sri Sai Engineering College		04.08.2008	---	16 Years
Total				24

Projects obtained

The following project i have obtained under the category of Principal Investigator its about to complete

DST/SSTP/2018/35C

"Design, development and demonstration of vertical axis free flow helical clustered water turbines"

Papers published

- 1.Development and Field Trials of Ultra Low Wind Speed Vertical Axis Wind Turbine (VWAT) for Home Application RA Gandhi, S Krishnaraj, V Raviraj, S Ganapathy, S Ramachandran Indian Journal of Science and Technology 9, S1
2. Design and development of sail type wind turbine with solar panel,RA Gandhi, A Ravinthiran, K Palanikumar,Materials Today: Proceedings 46, 3989-3992
- 3.Role of carbon nanotubes (CNTs) in improving wear properties of polypropylene (PP) in dry sliding condition RA Gandhi, K Palanikumar, BK Ragnunath, JP Davim Materials & Design 48, 52-57
4. Flow stress modeling of AZ91 magnesium alloys at elevated temperature,BK Raghunath, K Raghukandan, R Karthikeyan, K Palanikumar,Journal of Alloys and Compounds 509 (15), 4992-4998
5. Role of Calcium Carbonate(CaCO_3) in improving wear resistance of Polypropylene(PP) components used in automobiles VJ K.Palanikumar , R.AshokGandhi , B.K.Raghunath Materials Today: Proceedings 16, 1363–1371
6. Effect of carbon nano tubes (CNT) on hardness of polypropylene matrix R Ashok Gandhi, V Jayaseelan, K Palani Kumar, BK Raghunath,Advances in Materials and Metallurgy: Select Proceedings of ICEMMM 2018, 261-270
7. Nano indendation hardness testing of PP-CNT composites,RA Gandhi, V Jayaseelan, BK Raghunath, K Palanikumar,Materials Today: Proceedings 16, 1372-1377
8. 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
9. Role of Nano Clay in Improving Wear Properties of Polypropylene in Dry Sliding Condition. RA Gandhi, KP Kumar, BK Ragnunath, D Kanagaraj Asian Journal of Chemistry 25
10. Tensile, double shear properties of acacia and Acacia-Kenaf fiber composites,RA Gandhi, S Ramachandran, L Arunkumar, V Jayaseelan, Materials Today: Proceedings 62, 1266-1271