


SRI SAI RAM ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING

<p style="text-align: center;">DINESH KUMAR S.K</p> <p>60/1,M G R Nagar, Vaniputhur T N Palayam(PO) Gobi (TK) Erode (DT) –638506 Tamilnadu.</p> <p>dineshkumar.mech@sairam.edu.in</p>	
Designation	ASSISTANT PROFESSOR
Qualification	M.E.
Area of Specialization	CAD/CAM
Experience	Teaching: 8.5 Years
No.ofworkshop / International Conferences / FDP attended/ Publication	07 / 02 / 10/ 06
NPTEL	5 Courses Completed
Staff Achievements	<ul style="list-style-type: none"> • FacultyCoordinatorof DirtBike and E-Bike Event. • Team wonawards in Sales, Marketing and Riding Performance in Dirt Bike. • ANO-NCC-Army Wing

Educational qualification:-

Degree	Specialization	Class obtained	University	Year of completion
M.E	CAD/CAM-Bannari Amman Institute of Technology,Erode.	First class	Anna University	2014
B.E	Aeronautical Engineering-KCG College of Technology,Chennai.	First class	Anna University	2011

Experience Details:**Teaching: 6.3 Years**

S.No.	Name of the Institution	Designation	From	To	Total Experience
1.	Sri Sai Ram Engineering College, Chennai	Asst. Professor	9-June -14	Till Date	7.6 years
2.	JKK Sampoorani Ammal Polytechnic College	Lecturer	Aug -11	Aug-12	1 Year

Subjects Handled

- CAD/CAM
- Manufacturing Technology-I
- Engineering Materials and Metallurgy
- Automotive Engineering
- Applied Hydraulics and Pneumatics
- Mechatronics

Software proficiency

- ANSYS
- Pro-E(modeling)

Publications: a) Paper published in International Journal:

Dinesh Kumar S K, R Selvanagayam, M Sivakumar, S Krishnaraj, A Study on Working Process of Wire-EDM by Using Two Different Dielectric Fluids on HcHcr Alloy Steel ', in the Applied Mechanics and Materials Submitted: 2016-02-28 ISSN: 1662-7482, Vol. 852, pp 212-217.

Dinesh Kumar S K, Hari Kiran B, Kuralamudhan S, Ruban R, Praveen Kumar U. Krishnaraj S, Design of blades with dimples for vertical axis wind turbine", in the International journal of mechanical and production engineering research and development(IJMPERD) ISSN (P):2249-6890; ISSN (E) 2248-8001,Special Issue, May 2018,164-171.

Dinesh Kumar S K, Rajendra Prasad A, Vinithra Babu T, Vigneh T, Aatthisugan P, Synthesis and Thermal Energy Storage Analysis of copper oxide nano fluid for heat transfer applications", International journal of innovative technology and exploring engineering (IJITEE) ISSN: 2278-3075.

Participation Details:-

a) Training programmes –NPTEL/Faculty Development /Staff Development / Short Term Training Programmes:

NPTEL

S.No.	Name of the Course	Organized Institution	Weeks
1.	Material Science and Engineering	IIT-Roorkee	8-Weeks Course (Feb-Mar 2018)
2.	Introduction of Research-(Elite)	IITM	8-Weeks Course (Aug-Sep 2018)
3.	Joining Technology for Metals	IIT-Roorkee	8-Weeks Course (Feb-Mar 2019)

FDP

S.No.	Name of the FDP	Organized Institution	Date	Days
1.	Anna University sponsored FDP on Computer Aided Design	VeltechMultitechDr.Rangarajan Dr. SakunthalaEngineering College	10 th to 18 th June-2015	7
2.	Teaching Excellence in Engineering & Management Curriculum	Sri Sairam Engineering College,Chennai.	20 to 21 –Jun 2016	2
3.	Computer Aided Design and Usage of Software	Sri Sairam Engineering College,Chennai.	04 to 06-Aug-2016	3
4.	Autodesk Inventor	Alpha College of Engineering	15 to 18 –Dec 2016	4
5.	Anna University sponsored FDP on Kinematics of Machinery	Sri Sairam Engineering College,Chennai.	27 th Nov to 05 th Dec-2017	7

b) International Conferences

S.No.	Organized Institution	Name of the Conference	Date
1.	VIT University ,Vellore	International Conference on Science, Engineering and Technology (SET-2015)	5 th and 6 th May 2015
2.	SSN College of Engineering, Chennai	International Conference on Mechanical Engineering, Design –(ICMED2016)	25-26 April 2016.

c) Seminar

S.No.	Organized Institution	Name of the Seminar	Date
1.	GRT Institute of Engineering and Technology, Tiruttani	Challenges and opportunities in Artificial Intelligence Diagnostic Tool for Diabetic Retinopathy	19 & 20 July 2018
2.	GRT Institute of Engineering and Technology, Tiruttani	Recent Trends in Additive Manufacturing of Tissues and Organs	26 & 27 April 2018
3.	SEED-IIT, Chennai	National Summit on Education, Employability, Employment, and Entrepreneurship (4E'S)	20-21 Sep-2017
4.	TEQIP-II Sponsored Short-Term - NIT, Trichy	Advanced Materials Processing In Past, Present and Future	30 June to 02 July 2016
5.	DRDO Sponsored Seminar- Sriram Engineering College, Chennai	Recent Trends in automation of Robotic Welding Technology in Armed Vehicles	13 Aug 2014

d) Workshops

S.No.	Organized Institution	Name of the Workshop	Date
1.	Rajalakshmi Institute of Technology	Intellectual Property Rights and Art of Writing Funding Proposals and Journal articles	5-6 th October 2018
2.	KSR Institute for Engineering and Technology, Tiruchengode	Tips for Writing Research Proposals, journal Papers and Patent Filing	27 Feb 2018
3.	CADD Centre and SSEC	Value Engineering using Ansys	19 August 2016
4.	Birla Institute of Technology & Science-Bits-pilani_Hyderabad	Computational Fluid Mechanics	11-13 August 2016
5.	Sri Sairam Engineering College, Chennai	Role of Lean Manufacturing on organization competitiveness	28 August 2014
6.	Sri Sairam Engineering College, Chennai	Environmental Management in Industrial Sectors-Status and Needs	24-25 July 2014
7.	Bannari Amman Institute of Technology -Sathyamangalam	Patenting your Technology-Do by Yourself	13th Apr 2014

E) Short Term Course (Refresher courses) Attended

NITTT Module 1_ Orientation Towards Technical Education and Curriculum Aspects

F) Events Organized

Organizing member for the SAE India Sponsored 7 Days Faculty Development Program On Ethical Practices In Engineering (28.05.2020 to 03.06.2020) conducted by Department of Mechanical Engineering, Sri Sairam Engineering College, Chennai-44

Organizing member for the SAE India Sponsored Five Days Virtual Faculty Development Programme (FDP) On ME8694 - Hydraulics and Pneumatics from 01-02-2021 to 05-02-2021 conducted by Department of Mechanical Engineering, Sri Sairam Engineering College, Chennai.