


SRI SAI RAM ENGINEERING COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING

Name: V.VELMURUGAN	
Designation:	Assistant Professor
Qualification:	M.E.,Ph.D(Pursuing)
Area of Specialization:	Smart & composite Materials, Mechanics & Manufacturing
Experience:	Teaching- 17 Years and 4 Months
	Industry- Nil
Number of Workshops/ Conferences/ FDP Attended:	WORSHOP- 30 NATIONAL/INT. CONFERENCE- 08 FDP Attended:15
Publication:	Journal: National : 02 International : 03
	Conference: National: 03 International: 05

Staff Achievements:

- Achieved 100 % Results In Metallurgy And Material Science, Metal Forming Technology, Process Planning & Cost Estimation, Production Planning & Control, Basic Mechanical Engineering.
- Guide for L- Ramp awarded project & award received from former president of India **DR.A.P.J.ABDULKALAM** in the year 2007 held at IIT, Madras
- Produced 100% results more than 15 times
- Attended various certificate courses on different domains in **MHRD-GOI,TATASTEEL,COURSERA,SIMPLE LEARN &etc**

Experience :(Details)

S.No	Institution	Designation	Experience	
			Years	Months
1.	Sri Sai Ram Engineering College, Chennai	Assistant Professor	15	10
3.	Valliammai Polytechnic college	Lecturer	1	6
		Total	17	4

Workshop/Conferences/FDP organized :(List)–

- Organized three days Entrepreneurship Awareness Camp during 11 February to 13 February 2019 at SriSai Ram Engineering College Funded by **Department Of Science And Technology, Government of India.**
- Organized two days workshop on “finite element analysis and its industrial applications “at SriSai Ram Engineering College in Sri Sairam engineering college on6th&7thaugust2018
- Organized three days Entrepreneurship Awareness Camp during 12 July to 14 July 2017 at Sri Sai Ram Engineering College Funded by **Department Of Science And Technology, Government of India.**
- The Department of Production Engineering Conducted 2nd National level Technical symposium“ SAIPROD UXIO” presents PRODIX onAugust17, 2012underthe Banner of Society of Production Engineers.

Funded projects (List)–**Publication Details)–**

- Published a paper on Comparative study of mechanical and morphological analysis of NaOH treated and untreated banana fiber reinforced with epoxy hybrid composite” in Materials Today: Proceedings 39, 861-867, January 2021.

- Published a paper titled “ design and analysis of GFRP- Al composite materials for the replacement of LPG cylinder” in international journal of engineering and advanced technology in October 2019, volume 1.
- Published paper titled “ Productivity improvement in post casting process of die casting parts” in international journal of research and analytical reviews in May 2019, volume 6, issue 2.

International & National Conference (list)–

- Mr. V. Velmurugan, has Presented a Paper entitled “The Production Planning Process for an auto Component in the Automobile Industry” in the SERB sponsored International Conference on Recent Developments in Mechanical Engineering (ICRDME 2019) held at S.A. Engineering College, Chennai on March 21- 22, 2019.
- Mr. V. Velmurugan, has Presented a Poster entitled “Design and Analysis of GPRF- Al Composite material for the Replacement of LPG Cylinder” in the 10th International Conference on Advancements in Polymeric Materials (APM-2019) , Innovations in Polymeric Product Development and Manufacturing, January (22-24), 2019 @ CIPET, Guindy, Chennai.
- Mr. V. Velmurugan, has Presented a Poster entitled “Characterization of TiNi / Al6061 Based shape memory alloy with N coating” at Sri Sai Ram Engineering College, Chennai during February 24-25, 2016.
- Mr. V. Velmurugan, has Presented a Paper entitled titled “ DESIGN AND FABRICATION OF MAGNET OHE LOGICAL VALVE” in the national conference on 16 March 2007 at Sri Sairam Engineering College.
- Mr. V. Velmurugan, has Participated in the a national conference on “ RECENT ADVANCES IN PRODUCT DESIGN, MATERIALS AND MANUFACTURING SYSTEMS “ on 6 & 7 January 2006 at M.I.T, Chennai

Workshop/ FDP attended: (List)

- Attended five Days faculty development programme on MECHANICAL MANUFACTURING & PROCESS OPTIMIZATION conducted by NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING & RESEARCH INSTITUTE, CHANDIGARCH from 25.06.2020 to 29.06.2020
- Attended five Days faculty development programme on application of CAD TOOLS IN DRAWING COURSES conducted by Geethanjili College of Engineering & Technology, TELUGANA from 09.06.2020 to 13.06.2020.

- Attended webinar on stay ahead on product innovation & design thinking conducted by R.M.K ENGINEERING COLLEGE on 06.06.20.
- Attended five Days faculty development programme on concept of THERMODYNAMICS, FLUID MECHANICS & DYNAMICS FOR MECHANICAL ENGINEERS conducted by valliammai engineering college from 11.05.2020 to 15.05.2020.
- Attended webinar on beyond the boundaries: re inventing horizons (INDUSTRY4.0) conducted by swamikesav anand institute technology ,Jaipuron17may2020
- Attended E Learning programme on INDUSTRY4.0 conducted by TATA STEEL in May2020.
- Attended One Day faculty orientation session on study abroad opportunities conducted by EDUCATION MATTERS at R.M.KEngineering Collegeon27.08.2019.
- Attended One Day Seminar on "Recent Trends in Industry" conducted by AUFRG Institute for CAD/CAM, Department of Mechanical Engineering, College of Engineering, Guindy during12thDecember,2018.
- Attended Two Day Workshop on" Finite Element Analysis and its Industrial Applications", Department of Production Engineering, Sri Sai Ram Engineering College, Chennai during 6th&7th August, 2018.
- Attended One Day Workshop on "Industrial Applications of Jigs, Fixtures and Press Tools", Department of Production Engineering, Sri Sai Ram Engineering College, Chennai during 19 th March, 2018.
- Attended Two day DST-PURSE Sponsored NATIONAL SEMINAR ON ADVANCESIN MANUFACTURING TECHNOLOGY [AMT-2018], Department of Manufacturing Engineering College of Engineering Guindy Anna University, Chennai – 600025 during 16th &17th March 2018.
- Attended one day Faculty Development Programme on" GLIMPSES OF ENGINEERING METALLURGY" at C.K College of Engineering and Technology, Cuddalore and INDIAN INSTITUTE OF METALS, HUMAN RESOURCE DEVELOPMENT CENTRE (IIM-HRDC), KALPAKKAM on 17th December,2016.
- Attended Two day National level workshop on “DESIGN OF EXPERIMENTS” at Sri Sai Ram Institute of Technology, Chennai during 24&25 th July, 2015.
- Attended Two day workshop on “HIGH TEMPERATURE CERAMICS” at A.C.Tech Campus, Anna University, Chennai during the period 19&20th February,2015
- Attended Industrial – Institution Event on “ENVIRONMENTAL MANAGEMENT IN INDIAN SECTORS–STATUS AND NEEDS” at Sri Sai Ram Engineering College, Chennai on August28, 2014.
- Attended Two day workshop on “Advancements In Metal Forming” at Anna University, Coimbatore during 8-9 thApril,2014.
- Attended AICTE SPONSORED FDP on “Advancements In Materials, Manufacturing Processes And Management Systems” at Sri Sai Ram Engineering College, Chennai during 4–

16th November, 2013

- Attended workshop on “RECENT TRENDS IN MATERIALS RESEARCH “at N.I.T,• tirthy during 21&22 December2012.
- Participated in a national level technical level seminar on” OPTIMIZATION IN ENGINEERING AND MANAGEMENT RESEARCH “at Anna University, Chennaiduring24&25 may 2012
- Participated in the one day workshop on “RENEWABLE ENERGY “at Sri Sai ram Engineering College, Chennai on 24.02.2012
- Attended two days workshops on ”SMART SENSORS FOR INDUSTRIAL APPLICATIONS “at Sri Sai ram Engineering College, Chennai during 1&2 December2011.
- Participated in faculty develop training programme on “FINITE ELEMENT ANALYSIS” at M.I.T, chrompet from 2-12-2011to 8-12-2011
- Participated in faculty develop training programme on” RECENT DEVELOPMENTS IN MANUFACTURING AND MANAGEMENT “at Sri Sai ram Engineering college, from 25-07- 2011to30-07-2011 .
- Participated in the one day workshop on “ NANO COATING AND• APPLICATIONS NANO COAT2011“at ANNA University, Chennai on 30may2011.
- Participated in the one day workshop on “EMERGING TECHNOLOGICAL INNOVATIONS IN WELDING “at Velammal Engineering college, Chennai on 01.11.2010
Attended Faculty Development Program on “Engineering Graphics” at Anand institute of higher technology, Chennai.
- Participated in the national level seminar on “ADVANCES IN IMAGE PROCESSING & ROBOTICS on 25&26 February 2005 at M.I.T,Chennai
- Presented paper in national level technical seminar titled “COMPUTATIONAL FLUID DYNAMICS“at national engineering college, Kovilpatti on 2 February 2002.
- Presented paper in national level technical seminar titled“2D STEADY STATE ANALYSIS OF HEAT TRANSFER IN ELECTRONIC CHIP “at R.V.S College of engineering & technology, Dindigul on 25 February 2002.
- Presented paper in national level technical seminar titled“SIX SIGMA IMPLEMENTATION IN MANUFACTURING INDUSTRY “At Satyabhama institute of science and technology, Chennai on19June2002.
- Presented paper in national level technical seminar titled” REVERSE ENGINEERING USING RAPID PROTOTYPE “at College of engineering, Thiruvananthapuram, Kerala on13&14September2001.

Trainings attended:

- Under gone training on CNC MILLING at LMW machine works Coimbatore, from 25.08.2010 to 30.08.2010 .
- Completed certificate course in “Thermal & CFD analysis conducted by AUFRG,ANNA UNIVERSITY Chennai from 03.12.2001to28.02.2002.
- Undergone in plant training at AURO FOOD PRIVATE LIMITED Pondicherry, from 18.05.2001 to 28.05.2001
- Undergone in plant training at E.I.DPARRY,Cuddalore,from15.11.2000to 25.11.2000