

FACULTY PROFILE

Name : V.MUTHU KUMAR
Designation : Assistant Professor (Senior Grade)/Mech.Engg.
Email ID : muthukumar.me@srit.org



Area of Specialization : Engineering Design

Total Experience : 11Yrs and 07 Months Academic : 11Yrs and 07 Months
Industry : Nil

Educational Qualification:

Degree	Branch / Specialization	College	University
Ph.D.(Pursuing)	Material Science	Government college of Technology, Coimbatore-13.	Anna University, Chennai
M.E.	Engineering Design	Government college of Technology, Coimbatore-13.	Anna University, Chennai
B.E.	Mechanical Engineering	Government College of Engineering, Salem-11.	University of Madras

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1.	Sri Ramakrishna Institute of Technology	Assistant Professor(Senior Grade)	01-10-2014	Till Date	1Yr 4 Months
2.	Sri Ramakrishna Institute of Technology	Assistant Professor	01-08-2010	31-09-2014	4 Yrs 1 Months
3.	Sri Ramakrishna Institute of Technology	Lecturer	09.06.2008	31-07-2010	2 Yrs 1 Month
4.	Nandha Polytechnic College, Erode-52	Lecturer	01.06.2005	16.08.2006	1 Yr 2 Months
5.	RVS Polytechnic	Lecturer	10.06.2002	19.05.2005	2 Yrs 11

	College, Dindigul-05				Months
Total (as on Feb 2016)					11 Years 7 Months

Funded Projects:

S. No.	Funding Agency	Topic	Amount Sanctioned in Rs.	Year of Sanction
1.	Tamilnadu State Council for Science and Technology (TNSCST)(Student Project Scheme)	Design and fabrication of semi-automatic transmission system using electromagnet.	Rs.10,000/-	2012-13.

Publications :

National Conferences:

1. Varun.B, Suresh V and **Mutu Kumar V** “**Optimization of Spur Gears by Using Genetic Algorithm**” in the National Conference on “Intelligent Automation in Manufacturing and Automotive Technologies” IAMAT 2013 , Sri Ramakrishna Institute of Technology, on 27th of April 2013. Proceedings of IAMAT 2013, PP.89-94.

2. V.Muthu Kumar, G.M.Shiva Prasad,M.S.Nagaeshwaran,A.Grishraj and A.S.Vignesh “**Design of Mono leaf spring using E-Glass fibre**” in the National Conference on “Intelligent Automation in Manufacturing and Automotive Technologies” IAMAT 2015, Sri Ramakrishna Institute of Technology, Proceedings of IAMAT 2015,PP.139-144.

1. Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
1.	Workshop on “ Modern Trends in Optimization Techniques ” organized by Department of Mechanical Engineering at Sri Ramakrishna Institute of technology, Coimbatore-	05.09.2014	National

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2. FDP Organized

S.No.	Title	Duration	Level (Intern./ National)
2.	FDP on” Design of Transmission Systems ” organized by Department of Mechanical Engineering and delivered lecture on “ Design of Chain Drive ” at Sri Ramakrishna Institute of technology,Coimbatore-10	20.12.2010 to 28.12.2010	National

Seminar, Conference, Workshop Attended:

Conference Participated

1. Participated in the National Conference on “**Innovative Practices for Sustainable Energy and Waste Management**” Organized by Department of Civil and Mechanical Engineering, Sri Ramakrishna Institute of Technology, During April 24th & 25th, 2009.
2. Participated in the National Conference on “**Intelligent Automation in Manufacturing and Automotive Technologies**” Organized by Department of Mechanical Engineering, Sri Ramakrishna Institute of Technology, on 30th April 2011.

Faculty Development Programme:

1. Attended a Two Week Faculty Development Programme on”**Control Systems**” conducted by IIT Kharagpur at Sri Ramakrishna Institute of Technology, Coimbatore from 2-12 December 2014.
2. Attended a Faculty Development Programme on “**CAD using CATIAV6**” organized by the school of Mechanical and Building Sciences, VIT Chennai on 26th and 27th of September 2014.
3. Attended a Two Week Faculty Development Programme on "**Fluid Mechanics and Machinery**" Conducted by IIT Bombay at Sri Ramakrishna Institute of Technology, Coimbatore from 20-05-2014 to 30-05-2014
4. Attended a Two Week Faculty Development Programme on "**Engineering Mechanics**" Conducted by IIT Bombay at Sri Ramakrishna Institute of Technology, Coimbatore during November-December 2013
5. Attended Two Week Faculty Development Programme on ”**Engineering Thermodynamics**" Conducted by IIT Bombay at Sri Ramakrishna Institute of Technology, Coimbatore During November-December 2012.
6. Acted as a co-ordinator for FDP on “**Design of Transmission Systems**" Funded by Anna University of Technology, Coimbatore and Organized by Department of Mechanical Engineering at Sri Ramakrishna Institute of Technology-Coimbatore during 20.12.2010 to 28.12.2010.

7. Attended a Faculty Development Programme on **"Engineering Mechanics"** Organized by Jawaharlal Institute of Technology, Coimbatore, on 13.02.2009.

Workshops:

1. Participated in a One day workshop on **"Friction Stir Processing of Aluminium Alloys"** Conducted by Department of Production Engineering, Indian Institute of Technology, Madras on 05th March 2015.
2. Participated in Two days workshop on **"Design of Experiments"** Conducted by Department of Mechanical Engineering, SNS College of Technology-Coimbatore on 30th and 31st January 2015
3. Acted as a co-ordinator for One Day workshop on **"Modern Trends in Optimization Techniques"** Conducted by Department of Mechanical Engineering, Sri Ramakrishna Institute of Technology-Coimbatore on 05.09.2014.
4. Participated in a Two day workshop on **"Graphical System Design Using Labview"** Organized by department of ECE, EEE and Mechanical Engineering, SRIT in association with National Instruments, Bangalore on 19, 20.02.2013.
5. Participated in a one day workshop on **"Entrepreneurship"** Organized by Department of Mechanical Engineering, SRIT on 18.10.2013
6. Participated in a one day workshop on **"Mechanical and Automation Technologies"** Organized by Department of Mechanical Engineering, GCT, Coimbatore in association with TechLab on 14.08.2013.
7. Participated in a one day workshop on **"Non-conventional Energy Sources"** Organized by Department of Mechanical Engineering, SRIT on 01.03.2012
8. Participated in a one day workshop on **"Need Based Approach for Effective Teaching"** Organized by SRIT on 21.06.2011.

Membership in Professional Bodies:

1. Life member in International Association of Engineers (**IAENG**). Membership number is: 148501.

Contributions to the Institution, Department and Society:

1. Mechatronics lab In charge.
2. Senior Tutor for 2010-14 batch of Mechanical Engineering Students.
3. Students Project Co coordinator (Phase I & Phase II) of Mechanical Engineering Department for the Academic Year 2013-14.
4. Audited Course files of all departments during the academic year 2010 – 2011.
5. Member of Library books auditing during the year 2010 – 2015.
6. Department Coordinator of ISTE Student's Chapter during the academic year 2011-2012.
7. Member of Students Anti-ragging committee during the year 2012-15