


## Sri Sai Ram Engineering College

### Department of Instrumentation & Control Engineering

<b>Name : K. RENGANATHAN</b>	
<b>Designation:</b>	SENIOR LECTURER / ICE DEPT
<b>Qualification :</b>	M.TECH, Ph.D(Doing)
<b>Area of Specialisation :</b>	Fault Diagnosis and Identification
<b>Experience :</b>	Teaching : UG: 5.5 years PG : Industry : -
<b>No. of workshop / Conferences / FDP attended :</b>	Workshops-4, Conferences-2, FDP-2
<b>Publication :</b>	Journal National :- 1 International :- 1
	Conference National :- International :- 2
<b>Research Guidance :</b>	Guided 5 UG projects till date
<b>General :-</b>	<ul style="list-style-type: none"><li>• Handling the post of department Workshop/Conference organizer</li><li>• ISA coordinator</li></ul>
<b>Staff Achievements:-</b>	<ul style="list-style-type: none"><li>• Have won cash awards in three subjects till date for 100% results</li></ul>

Sl. No	Name of the Post	Employer	Period of Employment				Teaching/ Industrial/ Research
			From	To	Yrs	Mon	
			1.	Lecturer	Vels Srinivasa College of Engg and Technology	June 2004	
2.	Lecturer	Sri Sairam Engg College	June 2006	July 2009	3		TEACHING
3.	Senior Lecturer	Sri Sairam Engg College	Aug 2009	Till date		8	TEACHING

**Workshop/Conferences/FDP:**

**Publication:(Details)**

**Journal:**

**International:**

Paper titled "Observer based on-line fault diagnosis of continuous systems modeled as Petri nets" has been accepted for publication in ISA transactions, Elsevier publications on April 09, 2010.

**National:**

"Modeling and Simulation of Chemical Processes using Petri nets" published in SSEC TECH Journal, Vol.8, 2009.

**Conference:**

**International:**

"Mathematical Model for Fault Diagnosis and Control of Batch Process using Timed Petri nets"-presented in International Conference on Mathematical and Computational models (ICMCM09) conducted by dept of MCA, PSG Tech, Coimbatore during December 2009.

"Modeling and Simulation of Continuous and Batch Processes using Petri nets"-presented in International Conference on Electrical Energy Systems & Power Electronics in Emerging Economics (ICEESPEEE09) conducted by dept of EEE, SRM University during April 2009.