


**Sri Sai Ram Engineering College**  
**Department of Mechanical Engineering**

Name & Photo :	<p><b>DR. A. RAJENDRA PRASAD</b></p> 
Designation:	<b>Professor &amp; Dean (R&amp;D)</b>
Qualification :	<b>Ph.D</b>
Area of Specialisation :	<b>Energy</b>
Experience :	Teaching : <b>UG : 19 Years</b> <b>PG : 02 Years</b>
	Industry : <b>Nil</b>
No. of workshop / Conferences / FDP attended :	<b>12</b>
*** No. of workshop / Conferences / FDP organised:	<b>08</b>
*** Funded Projects	<b>05</b>
Publication :	Journal National : <b>1</b> International : <b>1</b>
	Conference National : <b>5</b> International : <b>2</b>
Research Guidance :	<b>2</b>
General : -	<b>Interested in Research activities</b>
Staff Achievements: -	<b>Received best teacher award during the academic year 2005-06 &amp; 2007-08</b>

## **Experience:(Details)**

### **TOTAL YEARS TEACHING EXPERIENCE (19 Years)**

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#### **Mookambigai Engineering College, Trichy.**

Lecturer in Mechanical Engg. 4 years 5 months 1991-1995

#### **Sathyabama Engineering College, Chennai.**

Lecturer to Assistant Professor in Mechanical Engg. 3 years 3 months 1995 –1998

#### **Sri Sai Ram Engineering College, Chennai.**

Assistant Professor to Professor & Head

in Mechanical Engg. 12 years 4 months 1998- till date

Dean (R&D)

Workshop/Conferences/FDP attended: (List)

### **SEMINARS/CONFERENCES PARTICIPATED**

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- a. Participated in the ISTE winter school on cogeneration and waste heat recovery organized by Anna University, Dept. of Mech. Engg. during 5<sup>th</sup> December to 18<sup>th</sup> December, 1993.
- b. Participated in the ISTE three day workshop on Industry-Institute-Participation organized by Mookamigai College of Engg., Trichy 19<sup>th</sup> to 21<sup>th</sup> January, 1995.
- c. Participated in the Indian Institute of Technology, Madras organized a short term course under QIP programme on Advances in Heat Exchangers during 16<sup>th</sup> to 20<sup>th</sup> December, 1996.
- d. Participated in the Vellore Engg. College organized winter school on advanced Energy Management from 7<sup>th</sup> to 12<sup>th</sup> December, 1998.
- e. Participated in the Center for continuing education, Indian Institute of Science, Bangalore organized renewable energy for rural areas under the QIP from 29<sup>th</sup> May to 9<sup>th</sup> June, 2000.

- f. Participated in the Arunai Engg. College, Tiruvannamalai organized AICTE sponsored programme on Taguchi Method based Quality Engineering Techniques during 18<sup>th</sup> to 20<sup>th</sup> February, 2001.
- g. Participated in the TEDA organized a three day workshop on Advances in renewable energy on 7<sup>th</sup> to 9<sup>th</sup> May, 2001.
- h. Participated in the MNES organized a one day seminar on Solar Thermal System for rural application on 8<sup>th</sup> August, 2001.
- i. Participated in the National Seminar on Global Trends in Manufacturing Technology on 25<sup>th</sup> July, 2003 organized by Anna University, Chennai.
- j. Participated in the AICTE sponsored one day workshop on Environment and Pollution Awareness on 12<sup>th</sup> July, 2004 organized by RMK Engg. College, Chennai.
- k. Participated in the AICTE-ISTE short term programme on Advanced Energy Technologies organized by dept. of Mechanical Engg, IIT-Madras during 20<sup>th</sup> – 24<sup>th</sup> Dec 2004.
- l. Participated in the Koyo organized a one day seminar on wind electric generation technology education module on 28<sup>th</sup> January, 2006.
- m. Participated in the MNES organized a three day workshop on Renewable Energy Technologies for Engineering Educational Institutions during 3<sup>rd</sup> – 5<sup>th</sup> August, 2006.
- n. Aarupadai Veedu Institute of Technology organized two days workshop on Renewable Energy Sources during 15<sup>th</sup> – 16<sup>th</sup> February, 2007.
- o. Participated in the Institute for energy studies, Anna University organized Indo-German workshop on Major Aspects of Energy Research in India and Germany: The Challenges for the Future (IGWS-2007) during 20<sup>th</sup> – 21<sup>st</sup> June, 2007.
- p. Participated in the Usha fire safety equipments (P) Ltd. organized Basic fire safety and emergency preparedness on 19<sup>th</sup> September, 2009.

Workshop/Conferences/FDP organised: (List)

- Organized National conference on Emerging Trends in Energy and Environment during January, 2005.
- Organizing AICTE sponsored International conference on Emerging Trends on Energy and Environment during January, 2010

#### Funded projects (List)

- Funded project from AICTE, New Delhi under Research Promotion Scheme (RPS) for Bio fuel Characterization in 2006-08.
- Funded Project from AICTE, New Delhi under MODROBS : Establishment of Flexible Manufacturing system in 2008-10
- Funded project from TNSCST, Chennai for Multi level Car Parking in 2007-08.
- Funded from AICTE, New Delhi under MODEROF Scheme for developing Flexible Manufacturing System lab (FMS) in 2008-10.
- Funded project from TNSCST, Chennai for PCM based Solar Refrigeration system for rural hospitals

#### Publication:(Details)

### **PUBLICATIONS AND PAPERS**

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- a. A paper entitled "Optimized of Integrated Photovoltaic-Wind power generation systems with battery storage" was published in **International Journal of Energy** Vol.31(2006) 1607-1618.
- b. A paper entitled "Parametric investigations on feasibility and prospects of a hybrid system nearby Chennai, India-A case study" in **International Conference** on Energy and environmental Technologies for sustainable development organized by Malaviya National Institute of Technology, Jaipur during 8<sup>th</sup> to 10<sup>th</sup> October, 2003.
- c. A paper entitled "A model for optimizing the PV-Wind-Diesel Hybrid system for rural village applications" in **International Conference** on new millennium-alternative energy solutions for sustainable development held at PSG College of Technology, Coimbatore during 17<sup>th</sup> to 19<sup>th</sup> January, 2003.
- d. A paper entitled "Emission control-newer approaches and challenges" in **National Conference** on Automobile Emission Monitoring And Control organized by Annamalai University, Annamalai Nagar during 15<sup>th</sup> to 16<sup>th</sup> March, 2002.

- e. A paper entitled "A comparative life cycle cost analysis of photovoltaic and Diesel generator" in National Conference on energy security for India-Role of renewable organized by SESI and REC, Warangal during 27<sup>th</sup> to 29<sup>th</sup> December, 2001.
- f. A paper entitled "Modeling of Solar photovoltaic systems" in National Conference on advanced trends in Mechanical Engg. Research and development organized by JNTU college of Engineering, Anantapur on 18<sup>th</sup> October, 2001.
- g. A paper entitled "Hybrid photovoltaic systems for energy generation" in National Conference on commercialization aspects of renewable energy sources organized by College of Technology and Agricultural Engineering, Agricultural University, Udaipur during 28<sup>th</sup> to 29<sup>th</sup> April, 2000.
- h. A paper entitled "Electricity by photovoltaic systems" in National Conference on renewable energies and energy efficiency for sustainable development organized by SESI and Devi Ahilya Viswavidyalaya, Indore during 20<sup>th</sup> to 22<sup>nd</sup> December, 1999.