

## FACULTY BIO - DATA



Name of the Faculty Member : S.RAGHUVARAN  
Present Designation : ASSISTANT. PROFESSOR  
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### **I. Particulars of Educational Qualification\*:**

- 1) Studied B.E. in Mechanical Engineering at Alagappa Chettiyar College of Engineering and Technology (Autonomous), Karaikudi, Anna University, 2013
- 2) Studied M.E in Thermal Engineering at Saranathan College of Engineering, Trichy, Anna University, 2015.

### **II. Academic Experience :**

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
K.RAMAKRISHNAN COLLEGE OF ENGINEERING	ASST. PROFESSOR	08/10/2015	Till Date	3	3	22
				3	3	22

### **III. Other Relevant Information :**

#### **[1]. AWARDS RECEIVED : 02**

1. **CHILD SCIENTIST** award for the Project " A Study of Water Resources in Kurichi " from National Council for Science, Technology & Communication (NCSTC) and Department of Science & Technology, Govt. of India, in National Childrens Science Congress 2004, Assam Science Technology & Environmental Council (ASTECC) and Cotton College, Guwahati, Assam.
2. **YOUNG SCIENTIST** award for the Project " Pannavayal Lake-A Study" from National Council for Science, Technology & Communication (NCSTC) and Department of Science & Technology, Govt. of India, in National Childrens Science Congress 2005, Bharat Jan Gyan Vigyan Samity (BJGVS), and Kalinga Institute of Industrial Technology(KIIT)-Deemed University, Bhubaneswar, Oddisha.

#### IV. LIST OF PUBLICATIONS :

##### [1].INTERNATIONAL JOURNALS : 04

1. **Raghuvaran S**, Balakrishnan S, Sarala R “Mitigation Of NO<sub>x</sub> Emissions From Cotton Seed Oil Methyl Ester Fuelled Direct Injection CI Diesel Engine Using Antioxidant Additives” Journal Of Basic And Applied Engineering Research(JBAER) Volume 2, Number 7,pp 5.11-5.16.ISSN: 2350-0077
2. **Raghuvaran S**, Sarala R “Performance And Emission Analysis of Diesel Engine Using Cotton Seed Oil Methyl Ester” International Journal of Core Engineering& Management(IJCEM),Volume-1,Issue -12,pp 153-162 ISSN: 2348 9510 (<http://ijcem.in/archive/volume-1-issue-12-march-2015/>)
3. **Raghuvaran S**, Kirubakaran J, Balakrishnan S, “Performance And Emission Analysis Trifuel In A Single Cylinder Four Stroke Ci-Engine” Journal of Basic and Applied Engineering Research (JBAER) Volume 2, Number 7,pp 5.60-5.63.ISSN: 2350-0077
4. **RaghuvaranS**,David Andrews V,Mercy Vasan A , “Comparative Study And Analysis Of Pollution Control In Air Filter And Exhaust Unit of Diesel Engine Vehicles Using Titanium Dioxide As Nanoparticles” Journal Of Basic And Applied Engineering Research (JBAER) Volume 2, Number 7,PP 64-67 ISSN: 2350-0077

##### [2]. NATIONAL JOURNALS : 02

1. R.Sathyanarayanan, S.Sathyanarayanan, **S.Raghuvaran**, S.Naveenkumar, R.Selventhiran "Experimental Investigation of Capillary pumped loop (CPL) system in enhancing electronic component cooling" Journal of Advance Research in Engineering & Technology,pp31-34.ISBN 978-81-90898-06-5
2. **S.Raghuvaran**, R.Sarala “Performance, Emission And Combustion Characteristics of a Single Cylinder Diesel Engine Using Castor Oil Methyl Ester As a Fuel” Journal of Energy and Environmental Engineering,pp 12. ISBN:978-81-92112-86-2

##### [3]. INERNATIONAL CONFERENCES : 03

1. Sathyanarayanan R, Sathyanarayanan S, **Raghuvaran S**, Naveenkumar S, Selventhiran R "Experimental Investigation of Capillary Pumped Loop (CPL) System in Enhancing Electronic Component Cooling" International conference on Advance Research in Engineering & Technology (ICARET 14); ARM College of Engineering & Technology, Chennai.
2. **Raghuvaran S**, Sarala R “Performance, Emission And Combustion Characteristics of a Single Cylinder Diesel Engine Using Castor Oil Methyl Ester as a Fuel” International Conference on Energy and Environmental Engineering, Anna University- BIT Campus, Tiruchirappalli.

3. **Raghuvaran S**, Balakrishnan S, Sarala R “Mitigation Of NO<sub>x</sub> Emissions From Cotton Seed Oil Methyl Ester Fuelled Direct Injection CI Diesel Engine Using Antioxidant Additives” International conference on Innovative Trends In Mechanical, Material, Manufacturing, Automobile And Aeronautical Engineering (ITMAAE-2015); Bapatla Engineering College, Bapatla, Andhra Pradesh, India.

#### **[4]. NATIONAL CONFERENCES-01**

**Raghuvaran S**, Sarala R “Performance And Emission Analysis Of Cotton Seed Oil Methyl Ester In A Single Cylinder Four Stroke Direct Injection CI Diesel Engine” National Conference on Energy and Manufacturing Scenario (NCEMS -2015), Kings College of Engineering, Pudukkottai.

#### **[5]. WORKSHOPS : 02**

Workshop on “*Advanced Trends in IC Engines and Hands on Training on Emission Devices*” conducted by Dept. of Mechanical ACCET, Karaikudi.

Workshop on “*Thermal & elemental analysis of solids*” conducted by Dept. of Energy and Environmental Engg NIT, TRICHY.

#### **[6]. FDP**

FDP on “*ME6404-Thermal engineering*” conducted by Dept. of Mechanical engineering, University College of Engineering, Villupuram.