|  |  |
| --- | --- |
| **02**  **Dr.SURESH.R**Personal Data*Date of Birth : 29th May 1977**Sex : Male**Nationality : Indian**Religion :Hindu**Caste :Nadar**Blood Group : B+*Marital Status : MarriedPermanent Address*S/o Dr.P.Rajendran,**220, Vaithianathapuram,**Kottar P.O.**Nagercoil– 629002,**Kanyakumari District,**Tamil Nadu, India.****Aadhaar Details******No. : 826898560353******Pan Details****No. : BGUPS0546Q****EPF Details****UAN : 100565308187****Election Card Details****No. : MGG2285237****Ration Card Details****No. : 30/G/0639142****Passport Details*** *Passport No. :K3485957**Date of Issue : 01/05/2012**Date of Expiry :01/05/2022**Place of Issue : Madurai****License Details******License No. : 3002/TN/74/1996****Date of Expiry : 28/05/2027*Contact No.Mobile: +91-9600406671***Mobile:+91-9442077044***Email ID:*Sureshr77@gmail.com**Sureshr\_77@rediffmail.com* | CURRICULUM VITAECareer Objective Seeking a challenging environment that encourages inspiration and execution through lecturing, providing exposure to new ideas, stimulating personal and professional growth in the field of Engineering.Professional Summary * Having experience more than 13 years in the field of Lecturing & Research (Mechanical Engineering).

Working Profile Designation : **Associate Professor**Work Span : From July 2000 to till dateCollege : VEL TECH HIGH TECH Dr.RANGARAJAN  Dr.SAKUNTHALA Engineering College,  Avadi.Education Profile * **Ph. D** (I.C Engines) Programme in Sathyabama University, Chennai, Tamilnadu. September 2013
* **M.E** (Thermal Power Engineering) May 2005

Annamalai University,Chidambaram.Aggregate : 7.85 (aggregate)* **M.B.A** - Marketing Management

M.K.University, Madurai, Tamilnadu November 2005* **B.E** (Mechanical) April 2000

Mepco Schlenk Engineering College, Sivakasi * **H.S.C**

S.L.B Govt. Higher Sec. School March1995 Aggregate : 85%* **S.S.L.C**

 S.L.B Govt. Higher Sec. School April 1993 Aggregate : 87.2 %   |

About Ph.D Programme

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# I have got my Ph.D. programme in the topic “Experimental Investigation on Four-Stroke Glow-Plug Hot Surface Ignition C.I Engine Using Methanol as Fuel”. I have successfully presented many reviews and published Four papers related to this topic in International journal, Three National Journals, Four International conferences and Two National conferences.

**Guide**: **Dr. B.Durgaprasad** **Co-Guides**: **1.Dr. P.Senthil Kumar 2.Dr.K.Sreenivasa Reddy**

 Professor, Prof.& Head Principal

J.N.T.U.A College of Engg., Mechanical Engg., Madanapalli Institute of

Anantapur, K.S.R College of Engg. Technology and Science,

 Andhra Pradesh. Thiruchengode. Madanapalli,

 . Andhra Pradesh.

About the College(Working)

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#  One of the Prestigious institutions in Chennai District, which earned its name in a much quicker time, when compared with the neighbouring institutions. It is affiliate to Anna University, Chennai. Mechanical Department is a successful department in the course of time.

Subjects Handled

# Basic Engineering (Mechanical and Civil)

* **Engineering Graphics**
* **Engineering Mechanics**
* **Engineering Thermodynamics**
* **Heat and Mass Transfer**
* **Thermal Engineering**
* **Fluid Mechanics and Machinery**
* **Gas Dynamics and Jet Propulsion**
* **Engineering Metrology and Measurements**
* **Unconventional Machining Processes**
* **Computer Integrated Manufacturing**
* **Entrepreneurship Development**
* **Professional Ethics.**
* **Robotics**
* **Engineering Practices lab.**
* **Thermal Engineering Lab.**
* **Fluid Mechanics and Machinery Lab.**
* **Strength of Materials Lab.**
* **Engineering Metrology and Measurements Lab.**

Additional Responsibilities

# Class In charge for more than Seven batches

# Member in College Discipline Committee

* Guided students in their main and secondary projects in U.G and P.G Levels.
* Research Co-ordinator at GRTIET
* Project Co-ordinator at GRTIET
* SAE Faculty Advisor
* Innovation Cell In-Charge at VelTech HighTech Dr.R.R & Dr.S.R Engg. College

Motivation Towards Students

* Students are motivated to do live Projects in tie up with IIT Aluminis and convert it into Patents & Journal Papers
* Eligible Students are recommended and placed for Intenship Programmes
* Students willing for presenting papers in conferences and workshops are motivated in several ways

Professional Body Membership

SAE National Membership No. : 7150411049

SAE International Membership No. : 6143763143

ISTE Membership No. : LM 109670

Conferences / Seminar Organised

* Have organised one day National Conference at GRTIET
* Have organised one day Seminar on Advanced Nuclear Materials at GRTIET
* Have act as a Co-ordinator for INDO-BRAZIL bilateral DST funded project based International Conference ICAMM-2015

Awards

* Best achiever award from college more than six times

Research Proposal

* **Funding Agency** :Science and Engineering Research Board-SERB (Statutory Body Established Through an Act of Parliament : SERB Act 2008) Government of India

Proposal (File No : ECR/2016/001833) has been submitted on 30-Sep-2016 05:37 PM

 **Proposal Title** : "EXPERIMENTAL INVESTIGATION ON A SINGLE CYLINDER FOUR STROKE CRDI OPEN ECU ENGINE WITH DIFFERENT ALCOHOL BLENDS, ADDITIVES, COATINGS AT VARIOUS INJECTION PRESSURES"

 **Investigator** : Principal Investigator

 **Scheme**  : Early Career Research Award

 **Area** :Engineering Sciences

 **Sub Area** : Engineering Sciences(ECR)

 **Amount**  : Rs.32,48,000

 **Status** : Submitted and in Process

 Website : www.serbonline.in

Students Project Proposal Submitted

* Funding Agency : MOTOROLA STUDENTS SCHOLARSHIP 2016-2017

 TITLE : DESIGN & FABRICATION OF SOUND ENERGY HARVESTER

 Scheme : FAER[Foundation for Advancement of Education and Research]

 Area : Energy Engineering

 Status : Submitted on 25.10.2016

 Website : www.faer.ac.in

* Funding Agency : WIPRO EARTHIAN-2016

 TITLE : WASTE TO ENERGY CONVERSION

 Status : Submitted on 3.11.2016

 Website : www.wipro.org/earthian/colleges.php

* Funding Agency : WIPRO EARTHIAN-2016

 TITLE : EFFECTIVE MANAGEMENT OF WASTE WATER AS RESOURCE

 Status : Submitted on 4.11.2016

 Website : www.wipro.org/earthian/colleges.php

Journal and Conference Publications

**International Journals:**

1. **Suresh R.**, Prasad Durga B., Subash Chandra Bose R. and
Puhan Sukumar (2011), “Experimental investigation of Methanol-diesel blended fuel in a DI diesel engine: combustion, performance and emission study”, Scientia Journals RES ENGINEERIA, Vol. 1, pp. 16-23.
2. **Suresh R.,** Durga Prasad B., Muthu Raman S. and Nibin T. (2009), “Emission control for a Glow plug direct injection CI engine using preheated coconut oil blended diesel”, ARPN Journal of Engineering and Applied Sciences, Vol. 4, pp. 82-86.
3. **Suresh R.,** Durga Prasad B., Muthu Raman S. and Nibin T. (2008), “Glow-Plug assisted cold start of premixed compression-ignition CI engines”, IETECH Journal of Mechanical Design, Vol. 2, pp. 69-73.
4. **Suresh R.**, Durga Prasad B., Subash Chandra Bose R. and
Saravanan T. (2012), “Performance and Emission Study on Methanol Fuelled D.I Diesel Engine with Catalytic Coatings”, CIIT International Journal of Artificial Intelligent Systems and Machine Learning, Vol.4, No.9, pp. 523-527.
5. **Suresh R.**, Arumugam.K, Anbazhagan.R, Sathiyamoorthy.V(2016), “Kinetics of Oil Adsorption by Banana Fibers as Remediation of Oil Spills”, Journal of Chemical and Pharmaceutical Sciences. **[Indexed in SCOPUS and CAS:ISSN 0974-2115]- Accepted & in Pipeline**

**National Journals:**

1. **Suresh R.** andDurga Prasad B. (2010), “Analysis the performance for emission and combustion of Methanol blend diesel fuel in CI engine using Glow plug”, Journal of Applied Engineering Research, Vol. 5, pp. 62-68.
2. **Suresh R.**, Durga Prasad B., Subash Chandra Bose R. and
Saravanan T. (2012), “Performance and Emission Study on Methanol Fuelled D.I Diesel Engine With Catalytic Coatings”, Journal of Engineering Today, Indian society of Mechanical Engineers, Vol. XIV, No. 7, pp. 29-34.
3. **Suresh R.**, Durga Prasad B., Subash Chandra Bose R. and Saravanan T. (2012), “Experimental Investigations on Methanol Fuelled D.I Diesel Engine With Catalytic Coatings”, Journal of Emerging Technology in Mechanical science And Engineering,Vol.3,No.1,pp.41-48.

**International Conferences:**

1. **Suresh R.,** Durga Prasad B., Senthil Kumar P. and Albert M. (2010), “Emission and combustion of Methanol blend diesel fuel in CI engine using Glow plug”, International conference on frontiers in automobile and mechanical engineering FAME’10 on Nov 25-27 at Sathyabama University, Chennai.
2. **Suresh R.,** Durga Prasad B., Albert M. and Muthu Raman S. (2010), “Performance and exhaust gas characteristics on diesel fuelled Glow plug CI engine with optimal compression ratio”, Proceedings of International Conference on Recent Advances in Mechanical Engineering (ICRAME’10) on Apr 8-9, at Noorul Islam University, Kumarakoil.
3. **Suresh.R.,** Azhagesan.N, Subash Chandra Bose.R and Durga Prasad.B **(2015), “**Experimental Investigations On Methanol Fuelled D.I Diesel Engine With Catalytic Coatings Assisted By Glow Plug”, International Conference on Advanced Materials and Manufacturing (ICAMM’15) ON March 27-28, at Cape Institute of Technology, Levenjipuram.

4. **Suresh.R.,** Subash Chandra Bose.R ,Azhagesan.N and Durga Prasad.B

**(2015), “**Experimental Investigations On Methanol Fuelled D.I Diesel Engine With Catalytic Coatings And Additives”,International Conference on Advanced Materials and Manufacturing (ICAMM’15) ON March 27-28, at Cape Institute of Technology, Levenjipuram.

5. Punniya Moorthy.Mani, Rajendran.Suresh\*, Raja Singh. Edison Chandraseelan, Ramalingam. Arularasan **(2016), “**Effect Of Chemical Treatment on Mechanical Properties of Luffa Fiber Reinforced Composites”, BCCM-3 – Brazilian Conference on Composite Materials Gramado, RS - Brazil, August 28-31, 2016.

**National Conferences:**

1. **Suresh R.,** Durga Prasad B., Albert M. and Muthu Raman S. (2010), “Performance and exhaust gas characteristics on Methanol blend diesel fuelled Glow plug CI engine”, Proceedings of National Conference on Trends in Renewable Energy Sources, Applications and Climate Change TRESAC’10 on Jul 23-25 at Sathyabama University, Chennai.
2. **Suresh R.,** Durga Prasad B., Subash Chandra Bose R. and Albert M. (2011), “Emission characteristics of Glow-Plug CI engine operates in Methanol fuelled blend with Biodiesel”, Proceedings of National Conference on Recent Advances in Mechanical Engineering (RAME’11) on Apr 1-2, at Noorul Islam University, Kumarakoil.

Participation

* Have Participated many Seminars, Workshops and FDP's at various Institutions**.**

Collaborative Research

* Research tie up with Dr.P.Parameswaran, Senior scientist-G-,Head-Metallurgy Division, IGCAR,Kalpakkam**.**
* Research tie up with the Senior scientist Dr.Purna Chandra Rao,Scientist-H,Chairman SFA, IGCAR-Kalpakkam.
* Research tie up with the Senior scientist Dr.R.Jegadesan,Scientist-G,Head-Knowledge Management and High Performance Computing, IGCAR-Kalpakkam.
* Research tie up with the Senior scientist Dr.Ajmal Ali Dheen,IIT Alumini, Director-Robotrix.
* Research tie up with the Senior scientist Dr.K.Gobi,Scientist-G,DRDL-Hyderabad.
* Research tie up with the Senior Professor Dr.J.T.Winowlin Jappes(IITM), Senior Professor & Head-Mechanical Engineering, Kalasalingam University, Krishnankoil.

Working Experience

* At Udaya School of Engineering-Vellamodi from 02.05.2002 to 27.09.2003 and 27.07.2005 to 30.04.2013.
* At Cape Institute of Technology- Levenjipuram from 02.05.2013 to 10.06.2015.
* At GRT Institute of Engineering and Technology-Tiruttani from 01.07.2015 to 09.08.2016.
* At Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College-Chennai from 22.08.2016 to Till Date.

Personal Skills

* Strong Analytical, Problem solving, Innovation, Adaptability and Quick Learning skills.
* Work well individually and in a team, hard working and completes projects on time.
* Eager to learn recent technologies in subjects and interactive with students.

Languages Known

Tamil, English.

References

* Dr.P.Parameswaran,Senior scientist-G, Head Metallurgy Division, IGCAR, Kalpakkam. [Mobile:09444536010]
* Dr.V.Ramachandran, Director,National Institute of Technology, Nagaland, Dimapur.[Mobile:09840995251]
* Dr.N.V.Mahalakshmi,Professor,I.C Engines, Anna University, Chennai. [Mobile:09941949719]
* Dr.Ravi Kumar Puli, Professor,Mechanical Enginnering, National Institute of Technology(NIT), Warangal, Andhra Pradesh. [Mobile:09490164797]
* Dr.R.B.Anand, Professor, National Institute of Technology (NIT), Trichy.[Mobile:09488890164]
* Prof. Sandro Campos Amico, Universidade Federal do Rio Grande de Sul, Brasil.[+555133089419;Email:amico@ufrgs.br]
* Dr.B.Suresha, Professor & PG (Machine Design)Co-ordinator, The National Institute of Engineering, Mysore, Karnataka. [Mobile:09448554240]
* Dr.E.Porpatham,Division Leader (Thermal & Automotive Engg.Division), VIT University,Vellore. [Mobile:07598225034]
* Dr.J.T.Winowlin Jappes-IITM, Senior Professor & Head,Mechanical Engineering, Kalasalingam University, Krishnankoil, Srivilliputhoor. [Mobile:09894921709]

Declaration

I here by declare that, all the above details are true and correct to the best of my knowledge.

Place: 10.11.2016

 Yours faithfully,

Date: Nagercoil



(Note : I hereby enclosed the Xerox copy of Journal Publication details) **(Dr.SURESH.R)**