

## **Dr.S.RAJENDRAN ME, Ph.D**

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**Approved Research Supervisor of Anna University**

**Ref No. 4120132**

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### **MEMBERSHIP**

1. Indian Society for Technical Education (ISTE) LM-75868
2. International Association of Engineers (IAENG) (Member No: 297364)
3. All India Council for Technical Skill Development: Member ID: AICTSD/PRINCIPAL/70852
4. International Association for Academic plus Corporate-IAAC: FRTJQC-CE001794
5. National Institute for Technical Training & Skill Development: Member ID: NITTSD/PROFESSOR/60674

### **AWARD**

1. Awarded prize for guiding the project “Reverse Gear in two Wheeler for Physically Challenged Person” held on 05 April 2014 Organized by annual day function of Jaya Engineering College, Thiruninnravur, Chennai, and Tamilnadu, India.
2. Awarded for “Best Engineering Graphics co-ordinator” held on 14 March 2015 Organized by annual day function of Jaya Engineering College, Thiruninnravur, Chennai, and Tamilnadu, India.
3. Awarded for “Outstanding result in academic year 2015-16” held on 07 may 2016 Organized by annual day function of Jaya Engineering College, Thiruninnravur, Chennai, and Tamilnadu, India.

**PAPER PUBLISHED****International Journals**

Sl.No	Authors	Title	Publication	Vol	No	Pages	Year
1	<b>Rajendran, S</b> Purushothaman, K	Design and analysis of inlet manifold of a four stroke petrol engine by increasing tumble flow rate and reducing air pollution using aerofoil plate <a href="http://mechanika.ktu.lt/index.php/Mech/article/view/8685">mechanika.ktu.lt/index.php/Mech/article/view/8685</a>	Mechanics	21	4	307-312	2015
2	<b>S, Rajendran</b> Yakkala, Bhaskarrao P, Jayaraman L. Natrayan	Synthesis and characterization of sea urchin spike strengthened grape seed oil-epoxy composite coating material <a href="https://doi.org/10.1002/pc.26802">https://doi.org/10.1002/pc.26802</a>	Polymer Composites	43	10	7326-7334	2022
3	<b>Rajendran, S</b> Purushothaman, K	Analysis of a centrifugal pump impeller using ANSYS-CFX <a href="https://www.ijert.org/analysis-of-a-centrifugal-pump-impeller-using-ansys-cfx">https://www.ijert.org/analysis-of-a-centrifugal-pump-impeller-using-ansys-cfx</a>	International Journal of Engineering Research & Technology	1	3	1-6	2012
4	<b>Rajendran, S</b> Purushothaman, K Ravi, M	Design and analysis of drag force and fuel consumption in small vehicles using CFD <a href="https://researchgate.net/publication/311226251_DESIGN_AND_ANALYSIS_OF_DRAG_FORCE_AND_FUEL_CONSUMPTION_IN_SMALL_VEHICLES_USING_CFD">researchgate.net/publication/311226251_DESIGN_AND_ANALYSIS_OF_DRAG_FORCE_AND_FUEL_CONSUMPTION_IN_SMALL_VEHICLES_USING_CFD</a>	International Journal of Applied Engineering Research	10	7	5792 - 5796	2015
5	Seenivasakumar, M <b>Rajendran, S</b>	Design And Analysis Of Gang Lock Nut Socket For Rear End Oil Seal In Three Cylinder Diesel Engine <a href="https://researchgate.net/publication/319007288_Design_And_Analysis_Of_Gang_Lock_Nut_Socket_For_Rear_End_Oil_Seal_In_Three_Cylinder_Diesel_Engine">researchgate.net/publication/319007288_Design_And_Analysis_Of_Gang_Lock_Nut_Socket_For_Rear_End_Oil_Seal_In_Three_Cylinder_Diesel_Engine</a>	International Journal for Research in Applied Science & Engineering Technology	4	5	286-290	2016
6	<b>Rajendran Subramanian</b>	Design of Reverse Gear Mechanism in Two Wheeler for Physically Challenged Person <a href="https://researchgate.net/publication/319007295_Design_of_Reverse_Gear_Mechanism_in_Two_Wheeler_for_Physically_Challenged_Person">researchgate.net/publication/319007295_Design_of_Reverse_Gear_Mechanism_in_Two_Wheeler_for_Physically_Challenged_Person</a>	Journal of Advance Manufacturing System & Technology	1	1	1-13	2016
7	<b>Rajendran, S</b> Purushothaman, K Selvamuthukumar, M	Design and experimental study of axial flow impeller by increasing air flow rate and reducing air pollution-using CFD <a href="https://researchgate.net/publication/319007323_Design_and_Experimental_Study_of_Axial_Flow_Impeller_by_Increasing_Air_Flow_Rate_and_Reducing_Air_Pollution-using_CFD">researchgate.net/publication/319007323_Design_and_Experimental_Study_of_Axial_Flow_Impeller_by_Increasing_Air_Flow_Rate_and_Reducing_Air_Pollution-using_CFD</a>	International Journal of Applied Environmental Sciences	9	5	2409-2418	2014

8	<b>Rajendran, S</b> Purushothaman, K	A review: reducing emission for in-cylinder internal combustion engine <a href="https://www.researchgate.net/publication/319007279_A_Review_Reducing_Emission_for_In-Cylinder_Internal_Combustion_Engine">researchgate.net/publication/319007279_A_Review_Reducing_Emission_for_In-Cylinder_Internal_Combustion_Engine</a>	International Journal of Applied Environmental Sciences	9	4	1903-1921	2014
9	Sakthivel, K <b>Rajendran, S</b> Ganesan, K Paramaguru, T Murugesan, SM	Preparation and mechanical properties of Poly Lactic Acid, Alumina and Hydroxyapatite based composites (Bio-Composite) made by using Injection molding <a href="https://www.jusst.org/wp-content/uploads/2021/10/Preparation-and-mechanical-properties-of-Poly-Lactic-Acid-Alumina-and-Hydroxyapatite-based-composites-Bio-Composite-made-by-using-Injection-molding.pdf">justt.org/wp-content/uploads/2021/10/Preparation-and-mechanical-properties-of-Poly-Lactic-Acid-Alumina-and-Hydroxyapatite-based-composites-Bio-Composite-made-by-using-Injection-molding.pdf</a>	Journal of University of Shanghai for Science and Technology	23	10	540-544	2021
10	<b>Rajendran, S</b> Ganesan, K Sakthivel, K Murugesan, SM Paramaguru, T	Experiment and Investigation in Reducing Emission from an IC Engine by using Inlet Helical Roller <a href="https://www.jusst.org/experiment-and-investigation-in-reducing-emission-from-an-ic-engine-by-using-inlet-helical-roller/">justt.org/experiment-and-investigation-in-reducing-emission-from-an-ic-engine-by-using-inlet-helical-roller/</a>	Journal of University of Shanghai for Science and Technology	2	10	318-326	2021
11	<b>Rajendran S</b> Arul Murugan M Thirupathiraja S Karunakaran N. Karthikeyan P Sam Prasanna J Boopalan J Chokkalingam V.	Computational Analysis of Heat Transfer & Flow Characteristics of Swirl Flow Jet Implement. <a href="https://www.sersc.org/journals/index.php/IJAST/article/view/38080">sersc.org/journals/index.php/IJAST/article/view/38080</a>	<i>International Journal of Advanced Science and Technology</i>	29	1	1857-1870.	2020
12	Arul Murugan M <b>Rajendran S</b> Murugesan N Sivaperumal M Mohan S Vijayan S Vignesh S Chokkalingam V	Effect of Nano Carbon on Pineapple Fibre /Jute for Mirror Guard Applications. <a href="https://www.sersc.org/journals/index.php/IJAST/article/view/38094">sersc.org/journals/index.php/IJAST/article/view/38094</a>	<i>International Journal of Advanced Science and Technology,</i>	29	3	15698-15727	2020
13	<b>S.RAJENDRAN,</b> K.SIVARAMAN KRISHNAN	Computational Analysis of Compressible Flow across a Complex Geometry Carburetor Venture	International Conference on Recent Advances in Mechanical Engineering (ICRAME-2010)	1	-	512-517	2010
14	<b>Rajendran, S</b> Purushothaman, K	Analysis of fuel flow in internal combustion engine using-CFD <a href="https://www.praiseworthyprize.org/jsm/index.php?journal=ireme&amp;page=article&amp;op=view&amp;path%5B%5D=14341">praiseworthyprize.org/jsm/index.php?journal=ireme&amp;page=article&amp;op=view&amp;path%5B%5D=14341</a>	International Review of Mechanical Engineering	8	3	480-487	2014

15	<b>S.Rajendran,</b> V.Chokkalingam M. Kumaran N. Murugesan D. Loganathan	Design and Analysis of Two Wheeler for Armless Differently-Abled Persons by using ANSYS <a href="http://philstat.org/index.php/MSEA/article/view/1544">philstat.org/index.php/MSEA/article/view/1544</a>	Mathematical Statistician and Engineering Applications	71	4	8581-8591	2022
16	Arulmurugan, M Sankaranarayanan, G <b>Rajendran, S</b> Paramaguru, T Sakthivel, K	Effect of Glass/Kevalar Fibre/Aluminium 2200 Wire Mesh Reinforced Composite <a href="https://doi.org/10.17051/ilkonline.2020.661930">doi: 10.17051/ilkonline.2020.661930</a>	Elementary Education Online	19	1	1098-1098	2020
17	Loganathan R Nagarajan L <b>Rajendran S</b> Kumaran M	Design and Develop the Single Jet Nozzles and Fabrication of Single Head Single Jet Spinning Unit <a href="http://philstat.org/index.php/MSEA/article/view/1545">philstat.org/index.php/MSEA/article/view/1545</a>	Mathematical Statistician and Engineering Applications	71	4	8592-8601	2022
18	M. Kumaran G. Sundararaju J. Lin Eby Chandra V.Seedha Devi <b>S. Rajendran</b>	Product Analysis of a Reail Store Using Machine Learning Algorithms -Data Science Consideration. <a href="http://philstat.org/index.php/MSEA/article/view/1549">philstat.org/index.php/MSEA/article/view/1549</a>	Mathematical Statistician and Engineering Applications	71	4	8623-8629	2022
19	J. Lin Eby Chandra M.Kumaran R. Chandrakala V.Seedha Devi <b>S. Rajendran</b>	Puzzle Based Password Authentication by using Grid Selection <a href="http://philstat.org/index.php/MSEA/article/view/1550">philstat.org/index.php/MSEA/article/view/1550</a>	Mathematical Statistician and Engineering Applications	71	4	8630-8639	2022
20	V.Chokkalingam <b>S.Rajendran</b> P.Mohanraj S.Jeyan;	An Experimental Analysis of Air-Steam Gasification in A Fluidized Bed <a href="http://philstat.org/index.php/MSEA/article/view/1548">philstat.org/index.php/MSEA/article/view/1548</a>	Mathematical Statistician and Engineering Applications	71	4	8615-8622	2022
21	<b>S.Rajendran</b> V.Chokkalingam D. Loganathan M.Arulmurugan G. Murugesan	Design and Development of Vehicle for Armless Physically Challenged Persons <a href="http://philstat.org/index.php/MSEA/article/view/1546">philstat.org/index.php/MSEA/article/view/1546</a>	Mathematical Statistician and Engineering Applications	71	4	8602-8608	2022
22	K. Sakthivel V.Chokkalingam <b>S.Rajendran</b> T.Paramaguru	Computational Analysis Of Heat Transfer & Flow Characteristics Of Swirl Flow Jet Impingement Cooling <a href="https://ilkogretim-online.org/index.php/pub/article/view/7297">https://ilkogretim-online.org/index.php/pub/article/view/7297</a>	Elementary Education Online	19	1	1114-1121	2020
23	Arul Murugan M <b>Rajendran S</b> Karunakaran M Sivakumar D Loganathan D Sam Prasanna J Vijay Karan K.	Characteristics of SFS and SF/Polypropylene (SFPP) Composites Reinforced with Aluminum Trioxide as Filler. <a href="http://sersc.org/journals/index.php/IJAST/article/view/38093">sersc.org/journals/index.php/IJAST/article/view/38093</a>	<i>International Journal of Advanced Science and Technology,</i>	29	3	15688-15697	2020

24	<b>Rajendran, S</b> Abish, SM Sakthivel, M Sandeep, P RahulKrishna, S	Design and Analysis of Ejection in Sub Wheel Assembly. <a href="https://researchgate.net/publication/343718866_Design_and_Analysis_of_Ejection_in_Sub_Wheel_Assembly">researchgate.net/publication/343718866_Design_and_Analysis_of_Ejection_in_Sub_Wheel_Assembly</a>	Mechanics & Mechanical Engineering	22	1		2018
25	<b>S.Rajendran</b> K. Sudha M. Kumaran V.Seedha Devi D. Balasubramaian	Design of Encrypted Digitally For Fol & Eol Manufacturing Sectors <a href="https://ilkogretim-online.org/index.php/pub/article/view/390">https://ilkogretim-online.org/index.php/pub/article/view/390</a>	Elementary Education Online	20	1	8138-8147	2021
26	D. Balasubramaian M. Kumaran V.Seedha Devi <b>S.Rajendran</b>	Voice Controlled News Web Application With Speech Recognition Using Alan Studio <a href="https://ilkogretim-online.org/index.php/pub/article/view/393">https://ilkogretim-online.org/index.php/pub/article/view/393</a>	Elementary Education Online	20	1	8148-8161	2021
27	Paramaguru.T Bhuvaneshwaran.A Arulmurugan.M Ganesan.k <b>Rajendran .S</b>	Effect of Carbon/Pineapple Fibre With Aluminium 2200 Wire Mesh Reinforced Composite <a href="https://ilkogretim-online.org/index.php/pub/article/view/399">https://ilkogretim-online.org/index.php/pub/article/view/399</a>	Elementary Education Online	21	1	496-511	2022
28	Murugesan.N Manikandan .C Arulmurugan.M Ganesan.k <b>Rajendran .S</b>	Consequence Of Titanium Oxide For Woven Jute/ Kenaf Reinforced With Lead Net For Vehicle Applications <a href="https://ilkogretim-online.org/index.php/pub/article/view/411">https://ilkogretim-online.org/index.php/pub/article/view/411</a>	Elementary Education Online	21	1	512-525	2022
29	Ganesan.k Giridharan.R.G Arulmurugan.M Murugesan.N Sakthivel.K <b>Rajendran.S</b>	Effect of Carbon/Raime Fibre/Stainless Steel 1100 Wire Mesh Reinforced Composite For Vechile Applications <a href="https://ilkogretim-online.org/index.php/pub/article/view/412">https://ilkogretim-online.org/index.php/pub/article/view/412</a>	Elementary Education Online	21	1	526-541	2021
30	Arulmurugan.M Prabhu.V.M Murugsan.N <b>Rajendran .S</b> Paramaguru.T	Characterization of Aloe vera/Hemp And Flax Natural Fibre Composites With Wire Mesh Reinforcement For Automobile Applications <a href="https://ilkogretim-online.org/index.php/pub/article/view/414">https://ilkogretim-online.org/index.php/pub/article/view/414</a>	Elementary Education Online	21	1	542-551	2022
31	Arul Murugan M <b>Rajendran S</b> Karunakaran M Sivakumar D Loganathan D Sam Prasanna J Vijay Karan K	Investigation of an Boiler Chimney Heat Recuperation Association Alongside Fouling. <a href="https://sersc.org/journals/index.php/IJAST/article/view/38088">sersc.org/journals/index.php/IJAST/article/view/38088</a>	International Journal of Advanced Science and Technology	29	2	4874 - 4880	2020

32	Arul Murugan. M <b>Rajendran.S</b> Thirupathiraja.S Sivakumar.D Mohan. S Vijayan.S Vignesh. S	Study On Mechanical Properties of Woven Hemp with Titanium Resin Composition <a href="https://sersc.org/journals/index.php/IJCA/article/view/38114">sersc.org/journals/index.php/IJCA/article/view/38114</a>	International Journal of Control and Automation	13	3	424-431	2020
33	Vignesh.S Sam Prasanna. J Boopalan. J <b>Rajendran.S</b> Arul Murugan.M Ganesan.G Sivakumar.D Sakthivel.k	IoT in Accordance with Mechanical Engineering <a href="https://sersc.org/journals/index.php/IJCA/article/view/38113">sersc.org/journals/index.php/IJCA/article/view/38113</a>	International Journal of Control and Automation	13	3	417-423	2020
34	Karthikeyan.P Sam Prasanna. J Boopalan. J <b>Rajendran.S</b> Arul Murugan.M Ganesan.G Sivakumar.D Sakthivel.k	Biomechanics in Aerospace Industry <a href="https://sersc.org/journals/index.php/IJCA/article/view/38111">sersc.org/journals/index.php/IJCA/article/view/38111</a>	International Journal of Control and Automation	13	3	404-408	2020
35	G. Saravanan D. Kumar R. Arun Kumar <b>S.Rajendran</b>	Mechanical Activation for Synthesis Reaction of Magnetic, Optical & Dielectric Properties of Gallium Oxide Doped Strontium Titanate Ceramic Material <a href="https://sersc.org/journals/index.php/IJCA/article/view/38109">sersc.org/journals/index.php/IJCA/article/view/38109</a>	International Journal of Control and Automation	13	2	1830-1840	2020
36	D. Kumar G. Saravanan R. Arun Kumar <b>S.Rajendran</b>	UV Curable Coatings: Swelling studies, Gel content and Hardness <a href="https://sersc.org/journals/index.php/IJCA/article/view/38108">sersc.org/journals/index.php/IJCA/article/view/38108</a>	International Journal of Control and Automation	13	2	1821-1829	2020
37	Vignesh.S Sam Prasanna. J Boopalan. J <b>Rajendran.S</b> Arul Murugan.M Ganesan.G Sivakumar.D Sakthivel.k	Numerical Analysis of the Combustion Process in a Diesel Engine A Study on the Effects of Injection Pressure on Engine Performance and Emissions <a href="https://sersc.org/journals/index.php/IJCA/article/view/38107">sersc.org/journals/index.php/IJCA/article/view/38107</a>	International Journal of Control and Automation	13	2	1816-1820	2020

38	Karthikeyan.P Sam Prasanna. J Boopalan. J <b>Rajendran.S</b> Arul Murugan.M Ganesan.G Sivakumar.D Sakthivel.k	Experimentation and Analysis of Composite on Coconut Coir with Epoxy Resin Pea 186 & Ph 654 <a href="http://sersc.org/journals/index.php/IJCA/article/view/38106">sersc.org/journals/index.php/IJCA/article/view/38106</a>	International Journal of Control and Automation	13	2	1804- 1815	2020
39	Boopalan. J Sam Prasanna. J Karthikeyan. P <b>Rajendran.S</b> Arul Murugan.M Ganesan.G Sivakumar.D Sakthivel.k	Reliable Design and Manufacturing of Thrusters for Marine Vessels <a href="http://sersc.org/journals/index.php/IJCA/article/view/38102">sersc.org/journals/index.php/IJCA/article/view/38102</a>	International Journal of Control and Automation	13	1	616-622	2020
40	D. KUMAR G. SARAVANAN R. ARUN KUMAR <b>S.RAJENDRAN</b>	UV Curable Coatings: Effect of Diluents Concentrations on double bond conversion and rate of photo polymerization. <a href="http://sersc.org/journals/index.php/IJCA/article/view/38101">sersc.org/journals/index.php/IJCA/article/view/38101</a>	International Journal of Control and Automation	13	1	611-615	2020
41	Karthikeyan.P Sam Prasanna. J Boopalan. J <b>Rajendran.S</b> Arul Murugan.M Ganesan.G Sivakumar.D Sakthivel.k	IOT in Nano Mechanics <a href="http://sersc.org/journals/index.php/IJCA/article/view/38100">sersc.org/journals/index.php/IJCA/article/view/38100</a>	International Journal of Control and Automation		1	600-610	2020
42	G. Saravanan D. Kumar R. Arun Kumar <b>S. Rajendran</b>	Phase Evolution and Structural, Morphological Studies for the Influence of Ceric Oxide Doped SrTiO <sub>3</sub> Perovskite System <a href="http://sersc.org/journals/index.php/IJCA/article/view/38098">sersc.org/journals/index.php/IJCA/article/view/38098</a>	International Journal of Control and Automation	13	1	583-594	2020
43	Karthikeyan P Sam Prasanna J Boopalan J <b>Rajendran S</b> Arul Murugan M Ganesan G Sivakumar D Sakthivel K	Analysis of Structural Acoustics and Vibration Control Techniques for Noise Reduction in Buildings <a href="http://sersc.org/journals/index.php/IJCA/article/view/38096">sersc.org/journals/index.php/IJCA/article/view/38096</a>	International Journal of Control and Automation	13	1	566-572	2020
44	Karthikeyan P Sam Prasanna J Boopalan J <b>Rajendran S</b> Arul Murugan M Ganesan G Sivakumar D Sakthivel K.	Design and Analysis of Pattern for Connecting Rod in Marine Engine. <a href="http://sersc.org/journals/index.php/IJAST/article/view/38087">sersc.org/journals/index.php/IJAST/article/view/38087</a>	International Journal of Advanced Science and Technology,	29	2	4868-4873	2020

45	Arul Murugan M <b>Rajendran S</b> Karunakaran M Sivakumar D Loganathan D Sam Prasanna J Vijay Karan K	Investigation on Hand Operated Crusher Machine with Implement Cast-Iron for Its Applications. <a href="https://sersc.org/journals/index.php/IJAST/article/view/38081">sersc.org/journals/index.php/IJAST/article/view/38081</a>	International Journal of Advanced Science and Technology,	29	1	1871-1879	2020
46	Ashish Pathani, Laith H Alzubaidi, S Rajendran, R Shanmuga Priya, P Chandrakala, R Senthil Kumar	ANSYS Simulation for Analyzing Mono wheel Frame Performance <a href="https://doi.org/10.1051/e3sconf/202449102010">https://doi.org/10.1051/e3sconf/202449102010</a>	E3S Web of Conferences	491	-	02010	2024
47	S Rajendran, P Arulpandy, R Reena, Gaurav Thakur, Hassan M Al-Jawahry	Stir Speed and Reinforcement Effects on Tensile Strength in Al-Based Composites <a href="https://doi.org/10.1051/e3sconf/202449104020">https://doi.org/10.1051/e3sconf/202449104020</a>	E3S Web of Conferences	491	-	02010	2024

## **Books published**

1	Dr.S.Benjamin Lazarus <b>Dr.S.Rajendran</b> M.Saravanan	Basic Civil and Mechanical Engineering	Maruthi Publishers	2019
2	<b>Dr.S.Rajendran</b> M.Nagaraj	Computer Integrated Manufacturing(English)	Sri Krishna Publications	2022
3	<b>Dr.S.Rajendran</b> M.Nagaraj	Computer Integrated Manufacturing(Tamil)	Sri Krishna Publications	2022
4	Dr.S.Dinesh Kumar <b>Dr.S.Rajendran</b> Dr.S.BenjaminLazarus	Engineering Graphics	Maruthi Publishers	2018

## **International conference**

1. Attended a three days International conference on ‘Advanced manufacturing and automation’ conducted at Department of Mechanical Engineering Kalasalingam University, Virudhunagar District, and Tamilnadu, India. 28-30 March 2013.
2. Attended a two days International conference on ‘Recent Advances in Mechanical Engineering’ conducted at Department of Mechanical Engineering Noorul Islam University, Kanyakumari District, and Tamilnadu, India. 8-9 April 2010.

## **National conference**

1. Attended a two days national conference on “Recent trends in green energy and green structures” conducted at Shree Motilal Kanhaiyalal Fomra Institute of Technology, Chennai during the period of 22<sup>nd</sup> and 23<sup>rd</sup> February 2013.

2. Attended a two days national conference on “Innovation in Science, Engineering and Technology” conducted at C.Abdul Hakeem College of Engineering and Technology, Vellore during the period of 5-6 March 2010.

### **Seminar**

1. Participated in the seminar on Process control and energy efficiency in thermal power plant, held on 09<sup>th</sup> of August 2014 Organized by Department of Mechanical Engineering Jaya Engineering College, Thiruninravur, Chennai, and Tamilnadu, India.
2. Participated in the seminar on Energy Conservation thermal Energy Storage” held on 12-13 of December 2013 Organized by Department of Mechanical Engineering Jaya Engineering College, Thiruninravur, Chennai, and Tamilnadu, India.
3. Participated in the Hands on Training in Workshop Machines” held on 27 of August 2016 Organized by Department of Mechanical Engineering Jaya Engineering College, Thiruninravur, Chennai, and Tamilnadu, India.
4. Participated in the Workshop on “3D Revolutionary solution in Pro-E”, held on 09 of August 2014 Organized by Department of Mechanical Engineering Jaya Engineering College, Thiruninravur, Chennai, and Tamilnadu, India.
5. Participated in the National Level Technical Seminar on The recent trends in automation of robotic welding in armed vehicles, sponsored by the DRDO, Ministry of Defence, and New Delhi on 08.08.2014 Organized by Department of Mechanical Engineering Sriram Engineering College, Perumalpattu, Chennai, and Tamilnadu, India.
6. Conducted in the Seminar on **Emission measurement in internal combustion engines**, held on 03.02.2018 Organized by Department of Mechanical Engineering Jaya Engineering College, Thiruninravur, Chennai, and Tamilnadu, India.
7. Conducted in the Seminar on **Finite Element Analysis by using Ansys software**, held on 17.02.2018 Organized by Department of Mechanical Engineering of Jaya Engineering College, Thiruninravur, Chennai, and Tamilnadu, India.

### **Symposium**

- 1 Participated a National Level Technical Symposium Endhira Yuggam-14 held on 23<sup>rd</sup> of August 2014 Organized by Department of Mechanical Engineering Jaya Engineering College, Thiruninravur, Chennai and Tamilnadu, India.

**Dr. S. Rajendran**  
Vice Principal  
Jaya Engineering College