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Contact (office)	Assistant Professor (SL.Gr) Department of Mechanical Engineering , M.I.E.T. Engineering College, Gundur, Trichy – 620102			
Email	pranesh@miet.edu			
Educational Qualification	DEGREE	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
	Ph.D. Internal Combustion Engineering	Anna University	Anna University	2020
	M.E. Internal Combustion Engineering	University College of Engineering, Villupuram	Anna University	2015
	MBA Operations Management	Institute of distance education, Chennai	Madras University	2015
	B.E. Mechanical Engineering	Sriram Engineering College, Chennai	Anna University	2013
Professional/ Research Career Profile	Organization	Designation	Date of Joining	Duration of work
	M.I.E.T. Engineering College, Trichy	Asst.Prof	15April 2021	Till Date
	University College of Engineering Villupuram	Full Time Research Scholar	31-08-2015 to 15-07-2020	4 years 6 Month
Reviewer	Springer and Taylor &Francis journals.			
Awards	University Second Rank in M.E. Internal combustion Engineering			
Academic Areas of Interest	Internal combustion Engineering, Thermal Engineering, Energy Engineering, Alternate fuels.			
Research	<ul style="list-style-type: none"> ➤ Published 41 research papers in International and National Journals. ➤ Presented 31 research papers in National and International Conferences. 			

LIST OF PUBLICATIONS

Journal-International

1. **Pranesh Ganesan**. Effect of biomedical waste co-feeding in the steam gasification of Indian palm kernel shell in fluidized bed gasifier. *Environ Sci Pollut Res* (2022). <https://doi.org/10.1007/s11356-022-18765-3>. **Impact factor: 4.233**.
2. Senthil Ramalingam, Silambarasan Rajendran, **Pranesh Ganesan**, & Govindasamy, M. (2018). Effect of operating parameters and antioxidant additives with biodiesels to improve the performance and reducing the emissions in a compression ignition engine – A review. **Renewable and Sustainable Energy Reviews**, 81, 775-788. doi:10.1016/j.rser.2017.08.026. **Impact factor: 12.11**.
3. Senthil Ramalingam, Silambarasan Rajendran, **Pranesh Ganesan** (2017). Performance improvement and exhaust emissions reduction in biodiesel operated diesel engine through the use of operating parameters and catalytic converter: A review. **Renewable and Sustainable Energy Reviews**. doi:10.1016/j.rser.2017.08.069. **Impact factor: 12.11**.
4. Silambarasan Rajendran and **Pranesh Ganesan**, Experimental investigations of diesel engine emissions and combustion behaviour using addition of antioxidant additives to jamun biodiesel blend, *Fuel*, Volume 285, 1 February 2021, 119157. (**Impact factor: 5.578**).
5. Ramalingam, S., Murugesan, E, **Pranesh Ganesan**., & Rajendiran, S. (2020). Characteristics analysis of julifora biodiesel derived from different production methods. *Fuel*, 280, 118579. doi:10.1016/j.fuel.2020.118579. (**Impact factor: 5.578**).
6. Ramalingam, S., Murugesan, E., **Pranesh Ganesan**., & Govindasamy, M. (2020). Influence of natural leaf additive in a biodiesel-operated LHR engine on performance and NOx emission. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, 1-19. doi:10.1080/15567036.2020.1745959 (**Impact factor: 0.86**).
7. Senthil Ramalingam, **Pranesh Ganesan** & Silambarasan Rajendran 2019, 'Leaf extract additives: A solution for reduction biodiesel operated compression ignition engine', *Energy*, vol.175, pp.862–878. (**Impact factor: 5.562**).
8. Senthil Ramalingam, **Pranesh Ganesan** & Elangovan Murugesan 2019, Effect of antioxidant additives on performance and emission behaviour of biodiesel fuelled DI diesel engine, *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, DOI: 10.1080 / 15567036 . 2019. 1602219. (**Impact factor: 0.86**).

9. Senthil Ramalingam, Silambarasan Rajendran and **Pranesh Ganesan**, "Improving the performance is better and emissions reduction from annona biodiesel operated diesel engine using 1,4 dioxane fuel additive" ,**Fuel**, Vol 185,804-809. **Impact factor: 4.601.**
10. Ramalingam Senthil, **Ganesan Pranesh** and Rajendran Silambarasan, "Use of antioxidant additives for NOx mitigation in compression ignition engine operated with biodiesel from annona oil", *Thermal Science*, Vol 20, No 4, 967-972. **Impact factor: 1.09.**
11. Ramalingam Senthil, Murugesan Elangovan, Rajendran Silambarasan and **Ganesan Pranesh**, "Application of thermal barrier coating for improving the suitability of Annona biodiesel in a diesel engine", *Thermal Science*, Vol 20, No 4, 973-979. **Impact factor: 1.09.**
12. R.Senthil,R.Silambarasan,**G.Pranesh**, " Exhaust emissions reduction from diesel engine using combined Annona- Eucalyptus oil blends and antioxidant additive ',*Heat and Mass Transfer*,53,2,2017,1105-1112.**Impact factor: 1.233.**
13. R.Senthil,R.Silambarasan,**G.Pranesh**, " Antioxidant (A-tocopherol acetate) effect on oxidation stability and NOx emission reduction in methyl ester of *Annona* oil operated diesel engine',*Heat and Mass Transfer*,53,5,2017,1797-1804. **Impact factor: 1.233.**
14. Senthil Ramalingam, Silambarasan Rajendran, **Pranesh Ganesan**, Assessment of engine operating parameters on working characteristics of a diesel engine fueled with 20% proportion of biodiesel diesel blend, *Energy* (2017), doi: 10.1016/j.energy.2017.09.134. **Impact factor: 4.520.**
15. Ramalingam, S., Ganesan, R., Rajendran, S. and **Ganesan, P.** (2018) 'A novel alternative fuel for diesel engine: a comparative experimental investigation', *Int. J. Global Warming*, Vol. 14, No. 1, pp.40–60.**Impact factor: 1.286.**
16. Senthil Ramalingam, Silambarasan Rajendran &**Pranesh Ganesan** 2019, 'A Comparative Assessment of Operating Characteristics of a Diesel Engine Using 20% Proportion of Different Biodiesel Diesel Blend', *Journal of KONES Powertrain and Transport*, vol.1, pp.127–140. **10.2478/kones-2019-0016.**
17. R. Silambarasan, R. Senthil, **G.Pranesh**,P.Mebin Samuel, M.Manimaran, "Effect of Compression Ratio on Performance and Emission Characteristics Of Biodiesel Blend Operated with VCR Engine", *Journal of Chemical and Pharmaceutical Sciences*, Special Issue 5: 2015, pp 23-25.

- 18.** R. Silambarasan, R. Senthil, M.Manimaran, **G.Pranesh**, P.Mebin Samuel, "Experimental Investigation of a Diesel Engine fueled by emulsified B20 biodiesel ", Journal of Chemical and Pharmaceutical Sciences, Special Issue 5: 2015, pp 26-28.
- 19. G.Pranesh**, "Optimization of Piston Pump In Hydraulic Valve Leakage Testing Machine", International Journal on Recent Researches In Science, Engineering & Technology, Volume 3, Issue 12, December 2015, pp 1-9.
- 20. G.Pranesh**, "Design and Fabrication of Hydraulic Steering System by Using Pascal's Law with GoKart Mechanism", International Journal on Recent Researches In Science, Engineering & Technology, Vol.4, Issue 2, Feb 2016, pp 1-5.
- 21. G.Pranesh**, "Performance and Emission Characteristics of Blending Diethyl Ether in Cotton Seed Oil Methyl Ester Using a Direct Injection Diesel Engine", International Journal on Recent Researches In Science, Engineering & Technology, Vol.4, Issue 4, April 2016.,pp 1-4.
- 22. G.Pranesh**, "Experimental Investigation Performance Improvement and Emission Reduction in DI Diesel Engine Fuelled with Methyl Ester of Soybean Oil Using Antioxidant", International Journal on Recent Researches In Science, Engineering & Technology, Vol.4, Issue 5, May 2016, pp 1-5.
- 23. G.Pranesh**, "Performance and Emission Characteristics of a Low Heat Rejection Diesel Engine Operated on Sea Lemon Oil Biodiesel and Diesel Fuel Blends", International Journal on Recent Researches In Science, Engineering & Technology, Vol.4, Issue 6, June 2016, pp 1-5.
- 24. G.Pranesh**, "Influence of Injection Pressure on Performance and Emission Measures of Direct Injection Diesel Engine with Emulsified Kapok Methyl Ester", International Journal on Recent Researches In Science, Engineering & Technology, Vol.4, Issue 6, June 2016, pp 1-5
- 25. G.Pranesh** , P.Mebin Samuel , Binu Thankachan , M.Manimaran , R.Silambarasan, 'Performance and Emission Characteristics of Blending Diethyl Ether in Cotton Seed Oil Methyl Ester using a Direct Injection Diesel Engine', International Journal on Applications in Mechanical and Production Engineering, Volume 1: Issue 6: June 2015, pp 14-16.
- 26.** R.Silambarasan, R. Senthil, P.Mebin Samuel, **G.Pranesh**, M.Manimaran, "Experimental Investigation of Performance and Emission Characteristics of Biodiesel in a DI CI Engine with Effects of L-Ascorbic Acid", Journal of Chemical and Pharmaceutical Sciences, Special Issue 5: 2015, pp 29-31.

- 27.** R. Senthil , R.Silambarasan, Binu Thankachan, **G.Pranesh**, "Performance and Emission Characteristics Single Cylinder DI Diesel Engine Using Biodiesel Blend [Sea Lemon Methyl Ester] ",Journal of Chemical and Pharmaceutical Sciences, Special Issue 5: 2015, pp 55-57.
- 28.** N.Ravichandran, R.Senthil, R.Silambarasan, K. Veeramanikandan, **G.Pranesh**, "Performance and Emission Characteristics of Blending Diethyl Ether in Rubber Seed Vegetable Oil Using a Single-Cylinder Diesel Engine",Journal of Chemical and Pharmaceutical Sciences, Special Issue 5: 2015, pp 58-60.
- 29.** E. Sivakumar, R. Senthil, R.Silambarasan, **G.Pranesh**, P.Mebin Samuel, "An Experimental Investigation on Performance, Emission and Combustion Characterstics of Thumba Oil methyl Ester Blends in a DI Diesel Engine", Journal of Chemical and Pharmaceutical Sciences, Special Issue 5: 2015, pp 301-304.
- 30.** R.Silambarasan,R.Senthil,**G.Pranesh**,P.Mebin samuel," Effect of Ethanol Blend Addition on Performance and Emission of Diesel Engine Operated With Pongamia Methyl Ester ", International Journal of Applied Engineering Research, Volume 10, Number 19 (2015) pp.13698 -13700.
- 31.** R.Senthil, E.Sivakumar, R.Silambarasan, P.Mebin samuel,**G.Pranesh**" An Experimental Investigation on Performance and Emission Characteristics of Rubber Seed oil Blends ", International Journal of Applied Engineering Research, Volume 10, Number 19 (2015), pp.13701-13703.
- 32.** R.Senthil,K.Arunan,R.Silambarasan, **G.Pranesh**,P.Mebin samuel," Pollution Control Technique by using Catalyst Coated Alumina Filter in a Diesel Engine", International Journal of Applied Engineering Research, Volume 10, Number 38 (2015) pp.29340 - 29344.
- 33.** R.Senthil,K.Arunan,R.Silambarasan, **G.Pranesh**,P.Mebin samuel," Effect of Fuel Additives on Performance Improvement and Emission Control in Diesel Engines ", International Journal of Applied Engineering Research, Volume 10, Number 38 (2015) pp.29345 -29350.
- 34.** R.Senthil,K.Arunan,R.Silambarasan, **G.Pranesh**,P.Mebin samuel," Effect of Fuel Additives on Performance Improvement and Emission Control in Diesel Engines ", International Journal of Applied Engineering Research, Volume 10, Number 38 (2015) pp.29345 -29350.

- 35.** R.Senthil, R.Silambarasan, and **G.Pranesh** " Impact of injection pressure on performance and emission characteristics of diesel engine fuelled with Annona methyl ester', *Biofuels*, 6, No 5-6, 2015, 295-303.
- 36.** R.Senthil, R.Silambarasan, and **G.Pranesh**, " The influence of injection timing on the performance and emission characteristics of a Annona methyl ester operated diesel engine ', *Biofuels*, 7, No 5, 2016, 437-445.
- 37.** Senthil Ramalingam, Silambarasan Rajendran and **Pranesh Ganesan**, " Performance improvement and emission control in a direct injection diesel engine using nano catalyst coated pistons ', *Biofuels*, 7, No 5, 2016, 529-535.
- 38.** R.Senthil, R.Silambarasan, and **G.Pranesh**, " A comparative experimental analysis of combustion in a diesel engine fuelled with biodiesel and diesel fuel ', *Biofuels*, 8, No 1, 2017, 153-161.
- 39.** R.Senthil, E.Sivakumar, R.Silambarasan, and **G.Pranesh**, " Performance and emission characteristics of using sea lemon biodiesel with thermal barrier coating in a direct injection diesel engine ', *Biofuels*, 8, No 2, 2017, 235-241.
- 40.** R.Senthil, R.Silambarasan, **G.Pranesh**, S.Nagendharan, U.Nagakrishna, and M.Ananda Murugan " Exhaust emissions reduction in calophyllum biodiesel operated diesel engine through antioxidant additive ', *Elixir Renewable Energy* , 102, 2017, 44213-44215.
- 41.** R.Senthil, R.Silambarasan, **G.Pranesh**, S.Nagendharan, U.Nagakrishna, and M.Ananda Murugan " Emission characteristics of Jatropha biofuel operated passenger bus ', *Elixir Renewable Energy* , 102, 2017, 44204-44206.

INTERNATIONAL CONFERENCES

1. R.Senthil, R.Silambarasan, C.Paramasivam, **G.Pranesh**, Presented a paper in International Conference on "Green Technologies for Environmental Pollution Control and Prevention" paper titled "Environmental Effect of Oxygenated additives on exhaust emissions reduction in DI diesel engine using biodiesel and its blends" held at Department of Chemical Engineering, National Institute of Technology (Govt. of India) Tiruchirappalli during 27 to 29th September 2014.
2. **G.Pranesh**, R.Silambarasan, R.Senthil, Presented a paper in International Conference on "Modern Process in Biotechnology" paper titled "Experimental Investigation of Performance, Emission and Combustion Characteristics of Different Vegetable Methyl Ester Operated DI Compression Ignition Engine" held at Department of Biotechnology, Anna University, BIT Campus, Tiruchirappalli during 09 to 10th October 2014.

3. **G.Pranesh**,R.Silambarasan,R.Senthil, Presented a paper in International Conference on"Energy and Environmental Engineering"paper titled "Experimental Investigation on Performance and Emission Characteristics of a DI Diesel Engine Using Vegetable Oils Blended with Kerosene" held at Department of Petrochemical Technology, Anna University, BIT Campus, Tiruchirappalli during 06 to 07th November 2014.
4. **G.Pranesh**,R.Silambarasan,Presented a paper in International Conference on"Science, Engineering and Technology (SET)"paper titled "A Field Study of Exhaust Emission Control in Public Transport Buses Using Different Proportions of Jatropa Methyl Ester Blend" held at Department of VIT Business School, VIT University, and Vellore during 10 to 11th November 2014.
5. R.Senthil,R.Silambarasan,**G.Pranesh**,P.Mebin Samuel, Presented a paper in International Conference on"Trends in Engineering & Technology, Science &Humanities and Management 2015"paper titled "Experimental Investigation on Combustion Characteristics of Biodiesel Blends (Annona Methyl Ester) In a DI Diesel Engine" held at Department of Mechanical Engineering, Tamizhan College ofEngineering and Technology, Kanyakumari during 19 to 20th February 2015.
6. N.Ravichandiran, R.Senthil, R.Silambarasan, **G.Pranesh**, P.Mebin Samuel, Presented a paper in International Conference on"Trends in Engineering & Technology, Science &Humanities and Management 2015"paper titled "Numerical Analysis of Jatropa Methyl Ester Fuelled C.I Engine" held at Department of Mechanical Engineering, Tamizhan College ofEngineering and Technology, Kanyakumari during 19 to 20th February 2015.
7. R.Silambarasan,R.Senthil,**G.Pranesh**,P.Mebin Samuel," Presented a paper in International Conference on"Advanced Engineering and Technology for Sustainable Development 2015"paper titled "Effect of Ethanol Blend Addition on Performance and Emission of Diesel Engine Operated with Pongamia Methyl Ester" held at Department of Mechanical Engineering, Karpagam College ofEngineering, Coimbatore during 5 to 6th March 2015.
8. R.Senthil, E.Sivakumar, R.Silambarasan, P.Mebin samuel,**G.Pranesh**, Presented a paper in International Conference on"Advanced Engineering and Technology for Sustainable Development 2015"paper titled "An Experimental Investigation on Performance and Emission Characteristics of Rubber Seed Oil Blends in a DI Diesel Engine" held at Department of Mechanical Engineering, Karpagam College ofEngineering, Coimbatore during 5 to 6th March 2015.
9. R.Silambarasan, R. Senthil, **G. Pranesh**, P. Mebin Samuel, M. Manimaran, Presented a paper in International Conference on "International Conference on Recent Advancement in Mechanical Engineering &Technology (ICRAMET' 15)" paper titled "Performance and Emission Characteristics of Jatropa-Ethanol Blend Fuelled With Compression Ignition Engine", held at Department of Mechanical Engineering, Vinayaka Missions University , Aarupadai Veedu Institute of Technology ,Paiyanoor, Chennai during 23-24th March 2015.
10. R. Senthil, K.Arunan, R.Silambarasan, **G.Pranesh**, P.Mebin Samuel, Presented a paper in International Conference on "International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering – 2015 (ACCCAS - 2015)" paper titled "Pollution Control Technique by Using Catalyst Coated Alumina Ball Filter in a DI

Diesel Engine", held at Department of Mechanical Engineering, AI – Ameen engineering College, Erode during 10-11th April 2015.

11. R. Senthil, K.Arunan, R.Silambarasan, **G.Pranesh**, P.Mebin Samuel, Presented a paper in International Conference on "International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering – 2015 (ACCCAS - 2015)" paper titled "Effect of Fuel Additives on Performance Improvement and Emission Control in Diesel Engines", held at Department of Mechanical Engineering, AI – Ameen engineering College, Erode, during 10-11th April 2015.
12. **G.Pranesh**, P.Mebin Samuel, Binu Thankachan, M.Manimaran, R.Silambarasan, Presented a paper in International Conference on "International Conference on Technological Convergence For Information, Food, Health And Energy Security (TC IFES 2015)" paper titled "Performance and Emission Characteristics of Blending Diethyl Ether in Cotton Seed Oil Methyl Ester Using a Direct Injection Diesel Engine", held at CAAS Management Research, CSIR-CLRI, Chennai, during 1-2nd May 2015.
13. M.Manimaran, **G.Pranesh**, Binu Thankachan, P.Mebin Samuel, R.Senthil, Presented a paper in International Conference on "International Conference on Technological Convergence For Information, Food, Health And Energy Security (TC IFES 2015)" paper titled "Influence of Injection Pressure on Performance and Emission Measures of Direct Injection Diesel Engine with Emulsified Kapok Methyl Ester", held at CAAS Management Research, CSIR-CLRI, Chennai, during 1-2nd May 2015.
14. P.Mebin Samuel, **G.Pranesh**, M.Manimaran, Binu Thankachan, R.Silambarasan, Presented a paper in International Conference on "International Conference on Technological Convergence For Information, Food, Health And Energy Security (TC IFES 2015)" paper titled "Experimental Investigation Performance Improvement and Emission Reduction in DI Diesel Engine Fuelled with Methyl Ester of Soybean Oil Using Antioxidant", held at CAAS Management Research, CSIR-CLRI, Chennai, during 1-2nd May 2015.
15. Binu Thankachan, **G.Pranesh**, M.Manimaran, P.Mebin Samuel, R.Senthil, Presented a paper in International Conference on "International Conference on Technological Convergence For Information, Food, Health And Energy Security (TC IFES 2015)" paper titled "Performance and Emission Characteristics of a Low Heat Rejection Diesel Engine Operated on Sea Lemon Oil Biodiesel and Diesel Fuel Blends", held at CAAS Management Research, CSIR-CLRI, Chennai, during 1-2nd May 2015.
16. Senthil R, M. Elangovan, Silambarasan R, **G.Pranesh**, 'Effect of Butanol Addition on Performance and Emission Characteristics of a DI Diesel Engine Fueled with Pongamia-Ethanol Blend', International Conference on Advances in Mechanical Engineering, ICAME – 2015, ISBN 978-93-85477-29-4, vol.1, pp.215-218, 15th & 16th October 2015, UCEV, Villupuram, Tamil Nadu.
17. Senthil R, **G.Pranesh**, Silambarasan R, 'Use of Antioxidant Additives for Nox Mitigation in Compression Ignition Engine Operated with Biodiesel from Annona Oil, ICAME – 2015, ISBN 978-93-85477-29-4, vol.1, pp.219-223, 15th & 16th October 2015, UCEV, Villupuram, Tamil Nadu.

18. Senthil R, Murugan M, Baranichandar K, Silambarasan R, **G.Pranesh**, 'Performance and Emission Characteristics of Using Sea Lemon Biodiesel with Thermal Barrier Coating in a Direct Injection Diesel Engine', International Conference on Advances in Mechanical Engineering, ICAME – 2015, ISBN 978-93-85477-29-4, vol.1, pp.224-228, 15th & 16th October 2015, UCEV, Villupuram, Tamil Nadu.
19. Senthil R, Saddam Hussain S B, Santhosh Kumar M, Silambarasan R, **G.Pranesh**, 'Application of Thermal Barrier Coating for Improving the Suitability of Annona Biodiesel in a Diesel Engine', International Conference on Advances in Mechanical Engineering, ICAME – 2015, ISBN 978-93-85477-29-4, vol.1, pp.229-232, 15th & 16th October 2015, UCEV, Villupuram, Tamil Nadu.
20. M. Manimaran, **G.Pranesh**, P. Mebin Samuel, Senthil R, Silambarasan R, 'Influence of Ethanol on Performance and Emission Characteristics of a DI CI Engine Fuelled with Algae Methyl Ester Blends', International Conference on Advances in Mechanical Engineering, ICAME – 2015, ISBN 978-93-85477-29-4, vol.1, pp.279-282, 15th & 16th October 2015, UCEV, Villupuram, Tamil Nadu.
21. P. Mebin Samuel, **G.Pranesh**, M. Manimaran, Senthil R, Silambarasan R, 'Performance and Emission Characteristics Investigation in a DI CI Engine Fuelled with Methyl Ester of Algae under the Influence of L-Ascorbic Acid', International Conference on Advances in Mechanical Engineering, ICAME – 2015, ISBN 978-93-85477-29-4, vol.1, pp.298-301, 15th & 16th October 2015, UCEV, Villupuram, Tamil Nadu.

NATIONAL CONFERENCES

1. **G.Pranesh** , Presented a paper in National Conference on "Advancement in Mechanical Engineering" paper titled "Performance and Emission Characteristics on Biodiesel Fueled Engine with Influence of Effect Of 2- Methoxy Ethyl Acetate (Additive)" held at Department of Mechanical Engineering, Sree Sastha College of Engineering, Chennai during 11th September 2014.
2. **G.Pranesh**, Presented a paper in National Conference on "Emerging Trends in Mechanical Engineering" paper titled "Performance Improvement and Emission Control Using the Influence of Boost Pressure on DI Diesel Engine" held at Department of Mechanical Engineering, Loyola Institute of Technology, Chennai during 17th September 2014.
3. **G.Pranesh**, Presented a paper in National Conference on "Recent Innovations and Advance Trends in Mechanical Engineering" paper titled "Experimental Investigation of The Effect of Compression Ratio on Performance and Emissions Of CI Engine Operated With Waste fried Oil Methyl Ester Blend" held at Department of Mechanical Engineering, Vinayaka Missions University , Aarupadai Veedu Institute of Technology ,Paiyanoor, Chennai during 25-26th September 2014.
4. **G.Pranesh**, "Experimental Investigation of The Effect of Compression Ratio on Performance and Emissions of CI Engine Operated with Waste fried Oil Methyl Ester Blend", National Conference on Recent Innovations and Advance Trends in Mechanical Engineering RIATME' 14" held at Department of Mechanical Engineering, Vinayaka Missions

University , Aarupadai Veedu Institute of Technology ,Paiyanoor, Chennai during 25-26th September 2014.

5. R. Silambarasan, R. Senthil, **G.Pranesh**,P.Mebin Samuel, M.Manimaran, "Effect of Compression Ratio on Performance and Emission Characteristics Of Biodiesel Blend Operated with VCR Engine", National Conference On Recent Trends And Developments In Sustainable Green Technologies 2015 organize by MIT campus, Anna university Chennai on 24-25th March 2015.
6. R. Silambarasan, R. Senthil, M.Manimaran, **G.Pranesh**, P.Mebin Samuel, "Experimental Investigation of a Diesel Engine fueled by emulsified B20 biodiesel ", National Conference On Recent Trends And Developments In Sustainable Green Technologies 2015 organize by MIT campus, Anna university Chennai on 24-25th March 2015.
7. R.Silambarasan, R. Senthil, P.Mebin Samuel, **G.Pranesh**, M.Manimaran, "Experimental Investigation of Performance and Emission Characteristics of Biodiesel in a DI CI Engine with Effects of L-Ascorbic Acid", National Conference On Recent Trends And Developments In Sustainable Green Technologies 2015 organize by MIT campus, Anna university Chennai on 24-25th March 2015.
8. R. Senthil , R.Silambarasan, Binu Thankachan, **G.Pranesh**, "Performance and Emission Characteristics Single Cylinder DI Diesel Engine Using Biodiesel Blend [Sea Lemon Methyl Ester] ",National Conference On Recent Trends And Developments In Sustainable Green Technologies 2015 organize by MIT campus, Anna university Chennai on 24-25th March 2015.
9. N.Ravichandran, R.Senthil, R.Silambarasan, K.Veeramanikandan, **G.Pranesh**, "Performance and Emission Characteristics of Blending Diethyl Ether in Rubber Seed Vegetable Oil Using a Single-Cylinder Diesel Engine",National Conference on Recent Trends and Developments in Sustainable Green Technologies 2015 organize by MIT campus, Anna University Chennai on 24-25th March 2015.
10. E. Sivakumar, R. Senthil, R.Silambarasan, **G.Pranesh**, P.Mebin Samuel, "An Experimental Investigation on Performance, Emission and Combustion Characterstics of Thumba Oil methyl Ester Blends in a DI Diesel Engine", National Conference on Recent Trends and Developments in Sustainable Green Technologies 2015 organize by MIT campus, Anna University Chennai on 24-25th March 2015.