Dr.D.Jagadish
Principal
Chirala Engineering College

Bio-data

Educational Qualifications:

Degree/ Course	Duration	Department	Specialization	Name of the University	% marks & Division
Ph.D.	2009-2012	Mechanical Engineering	IC Engines, Biofuels	National Institute of Technology, Warangal Telangana.	-
M.E.	2003-2005	Mechanical Engineering	Jet Propulsion & Gas Turbines	M.S.University of Baroda, Vadodara, Gujarat	68.2 % First Class
B.Tech	1999-2003	Mechanical Engineering	Mechanical Engineering	VR Siddhartha Engineering College, Vijayawada, Nagarjuna University	73.15 % Distinction

Title of Ph.D Thesis: Experimental and theoretical studies on performance and emissions of CI engine using Biofuels. Place of work: NIT Warangal

Title of M.E. Dissertation: Preliminary Study of Inverse Design Methods for Turbo-machinery Blade Profile using 2D Euler Code. Place of work: National Aerospace Laboratories (NAL), Bangalore

Professional Experience

College/University	Designation	Duration
Chirala Engineering College, Chirala, A.P.	**Principal**	01/05/2024 to Till Date
Narasaraopeta Engineering College, Narasaraopet, A.P.	**Professor**	06/04/2015 to 30/04/2024
Vignan University, Vadlamudi, Guntur, A.P.	**Assoc. Professor**	28/10/2011 to 31/03/2015
National Institute of Technology, Warangal	**Full time Research Scholar**	01/01/2009 to 26/10/2011
Bapatla Engineering College, Bapatla, A.P.	**Lecturer**	25/10/2005 to 31/12/2008

Details of theory & Lab courses taught in semesters

Academic Year	Semester	Theory	Laboratory
2019-20	Odd	Thermodynamics	Thermal Engineering Lab
2019-20	Even	Heat Transfer	Heat Transfer Lab
2020-21	Odd	Applied Thermodynamics	Heat Power Engineering Lab
2020-21	Even	Heat Transfer	Heat Transfer Lab
2021-22	Odd	Thermodynamics	Thermal Engineering Lab
2021-22	Even	Applied Thermodynamics	Heat Power Engineering Lab
2022-23	Odd	AI&ML	AI&ML Lab
2022-23	Even	Heat Transfer	Heat Transfer Lab
2023-23	Odd	AI&ML	AI & ML Lab

Ph.D. Guidance

Scholar Name	Research Topic	Status	University	Year
A Renuka Prasad	Performance Studies of HCCI Engine	Completed	Sangam University, Rajasthan	2021

Y.D. Dwivedi	Aerodynamic Performance and Stability Analysis of Bio-Inspired Corrugated Wings for Micro Air Vehicles	Completed	VFSTR University, Vadalmudi, Guntur	2018

PG Dissertation Guidance

Student Name	Research Topic	College/ University	Year
T.Anitha	Establishment of SCR Test Facility and Evaluation of 8 mm Pitch Honey Comb Type Catalyst.	NEC, JNTUK	2023
D.Hemanth	Design and Performance Analysis of Proton Exchange Membrane Cell	NEC, JNTUK	2020
R.Ajay Kumar	Thermal Analysis of Steam Power Plant of High Capacity	NEC, JNTUK	2019
C.Prasad	Performance Studies on Homogenous Charge Compression Ignition Engine with Eucalyptus Oil	NEC, JNTUK	2018

Sponsored Research Projects Completed:

No.	Title of the Research Work	Sanctioned Amount Rs.	Sponsoring Agency (Reference Number)	Status
1	Performance and Emissions Studies of Algae Biodiesel in CI engine equipped with DPF	24,81,000/-	SERB, New Delhi (SERB/ET-82/2013)	Completed
2	Modernization and Removal of Obsolesce of FMHM Lab.	4,82,000/-	AICTE, New Delhi (9-162/RIFD/MODROB/ Policy-1/2016-17	Completed

Subjects of interest

Artificial Intelligence, Machine Learning, I.C.Engines, Alternate fuels, Engine Simulation, Thermodynamics, Computational Fluid Dynamics, Turbo machinery.

Academic activities handled:

1. **Head of the Department** Mechanical Engineering from **01/08/2016 to 17/06/2018** at Narasaraopeta Engineering College
2. In-charge, Thermal lab (Bapatla Engineering College) (2006-08)
3. Institute coordinator, Renewable Energy Club (Bapatla Engineering College) (2007-08)
4. Research coordinator, Mechanical Engineering Department (Vignan University) (2011-14)

5. Member, Board of Studies, M.Tech (Thermal Engineering) (Vignan University) (2012-2015)
6. President, 'Communicators Club', Narasaraopeta Engineering College (NEC) (2015 to 2019)
7. Member, Board of Studies, Mechanical Engineering, NEC (May 2016-April 2017)
8. Chairman, Board of Studies, Mechanical Engineering, NEC (May 2017-June 2018)
9. Member, Board of Studies, Mechanical Engineering, NEC (June 2018-Nov 2023)
10. Coordinator of NBA works, Mechanical Engineering Department, NEC, (2017 to Present)
11. Coordinator of NAAC works, Mechanical Engineering Department, NEC, (2022 to Present)
12. In-Charge, Thermal Engineering Lab, NEC (June 2018 to Present)
13. Member, Library Committee, NEC
14. Convener-Industry Institute Interaction Committee- NEC
15. Member Institute Innovative Council- NEC

Workshops/Seminars/FDPs attended:

1. 2 Day National Workshop on Nano Materials, organized by NIT,Tirichirapally,December-2006
2. 3 Day workshop on STAR-CD applications, organized by JNTU, Ananthapur, January-2007
3. 3 Day National workshop on Emerging Trends in Automobile Engineering, organized by NIT, Warangal, July-2008.
4. 3 Day National workshop on Recent Innovations in Automobile Engineering, organized by NIT, Warangal, March-2009.
5. 2 Day National Workshop on CREO, organized by Mechanical Engineering Department, Vignan University January-2012.
6. 2 Day National Workshop on Renewable Energy, organized by Mechanical Engineering Department, Vignan University, November-2012.
7. 2 Day National Workshop on Advanced and Integrated Energy Systems, organized by Mechanical Engineering Department, Vignan University, July 2013.
8. 5 Day FDP on "Learning Process & Learning Styles", organized by Dept. of CSE&ECE of Narasaraopeta Engineering College, Narasaraopet, Guntur, June 2015.
9. 7 Day FDP on "Nano Technology and its Applications", organized by Dept. of ME of Narasaraopeta Engineering College, Narasaraopet, Guntur, November 2015.
10. 5 Day FDP on "Instructional Material Development using Latest Media", through ICT, by National Institute of Technical Teachers Training and Research, Chandigarh, July 2017.
11. 5 Day FDP on "Optimization Using MATLAB", through ICT by National Institute of Technical Teachers Training and Research, Chandigarh, August 2018.
12. 5 Day FDP on "Industry 4.0 Standard",through ICT by National Institute of Technical Teachers Training and Research, Chandigarh, Jan 2019.
13. 5 Day FDP on "Green Manufacturing", through ICT by National Institute of Technical Teachers Training and Research, Chandigarh, Jan 2019.
14. 5 Day FDP on "Recent Trend In Automobile Technology", through ICT by National Institute of Technical Teachers Training and Research, Chandigarh, Feb 2019.
15. ONE WEEK STC through ICT mode on "EFFECTIVE TEACHING" at Narasaraopeta Engineering College (AUTONOMOUS), Narasaraopet during 15th to 19th July 2019. This STC has been conducted by NITTTR-Kolkata.
16. ONE WEEK STC through ICT mode on "RURAL DEVELOPMENT THROUGH TECHNICAL INSTITUTION" at Narasaraopeta Engineering College (AUTONOMOUS), Narasaraopet during 29-07-2019 to 02-08-2019. This STC has been conducted by NITTTR-Kolkata.
17. ONE WEEK STC through ICT mode on "ADVANCES IN MANUFACTURING" at Narasaraopeta Engineering College (AUTONOMOUS), Narasaraopet during 9/9/2019 to 13/9/2019. This STC has been conducted by NITTTR-Chandigarh.

18. ONE WEEK faculty development program on "Design and Manufacturing on 3D Experience Platform" organized by Department of Mechanical Engineering, Narasaraopeta Engineering College, Narasaraopet in association with APSSDC &Dassault Systems during 19-11-2019 to 23-11-2019.
19. ONE WEEK STC through ICT mode on "IOT IN MANUFACTURING DESIGN& MANUFACTURING" at Narasaraopeta Engineering College (AUTONOMOUS), Narasaraopet during 6/1/2020 to 10/1/2020. This STC has been conducted by NITTTR-Chandigarh.
20. ONE WEEK STC through ICT mode on "GREEN MANUFACTURING" at Narasaraopeta Engineering College (AUTONOMOUS), Narasaraopet during 3rd - 7th February 2020. This STC has been conducted by NITTTR-Chandigarh.
21. ONE WEEK STC through ICT mode on "RECENT TRENDS IN AUTOMOBILE TECHNOLOGY" at Narasaraopeta Engineering College (AUTONOMOUS), Narasaraopet during 24th - 28th February 2020. This STC has been conducted by NITTTR-Chandigarh
22. Online faculty development program on "AUTOMOTIVE STRUCTURE DESIGN USING CATIA" organized by APSSDC during 30-04-2020 to 02-05-2020.
23. Online 3-Day faculty development program on NBA Process Resource Person: Dr.M.Sreenivasa Kumar, Principal, NEC
24. Online 7-Day faculty development program on "RENEWABLE ENERGY SOURCES – A WAY AHEAD" organized by MKSSS college of Engineering for Woman, Nagpur during 15-05-2020 to 22-05-2020.
25. One Week Faculty Development Program on "REVERSE ENGINEERING" - National Institute of Technical Teachers Training and Research, Chandigarh, Oct 2021.
26. One Week Faculty Development Program on "3D & 4D PRINTING APPLICATIONS" - National Institute of Technical Teachers Training and Research, Chandigarh, Jan 2022.
27. One Week FDP on Nano Technology Development and Challenges - National Institute of Technical Teachers Training and Research, Chandigarh, 26 Sept to 30 Sep 2022.

Workshops/Conferences/FDPs Organized:

1. Coordinator of "National Level Two Day Workshop on Renewable Energy" organized jointly by Mechanical, Electrical, Chemical & Biotech Departments of Vignan University November 23rd &24th, 2012.
2. Coordinator of " National Level Two Day Workshop on "Advanced & Integrated Energy Systems and Energy Conservation", Organized by School of Mechanical Engineering of Vignan University, July 29th & 30th , 2013.
3. Co-Convener of " International Conference on Recent Innovations in Mechanical Engineering organized by the department of Mechanical Engineering, Narasaraopeta Engineering College, Narasaraopet, November 20th & 21st, 2015.
4. Convener of 6 Day FDP on "Finite Element Analysis & its Applications using Ansys", Narasaraopeta Engineering College, Narasaraopet, March 6th to 11th, 2017.
5. Convener of Two Week FDP on" Multi-Scale Modeling of Advanced Materials", Narasaraopeta Engineering College, Narasaraopet, Nov 10th to 25th, 2017.
6. Coordinator of 5 Day FDP on Recent Trends In Automobile Technology", through ICT by National Institute of Technical Teachers Training and Research, Chandigarh, Feb 2019.
7. Co-Convener of International Conference on Emerging Technologies in Mechanical Engineering and Industrial Automation – July 2021.
8. Co-Convener of International Conference on Emerging Technologies in Mechanical Engineering and Industrial Automation – July 2022.
9. Co-Convener of International Conference on Emerging Technologies in Mechanical Engineering and Industrial Automation – June 2023.

MOOCS CERTIFICATIONS:

1. Certified through Coursera for the course "INTRODUCTION TO THERMODYNAMICS", Authorized by University of Michigan on 22-04-2020 with grade 89.88 %
2. Certified through Coursera for the course "WIND ENERGY" Authorized by Technical University of Denmark on 25-4-20 with grade 78.38 %
3. Certified through Coursera for the course "INTRODUCTION TO PERSONAL BRANDING" Authorized by University of Virginia on 27-4-20 with grade 100%
4. Certified through Coursera for the course "SOLAR ENERGY BASICS" Authorized by The State University of New York on 29-4-20 with grade 86.81 %
5. Certified through Coursera for the course "FUNDAMENTALS OF GLOBAL ENERGY BUSINESS" Authorized by University of Colorado on 03-05-2020 with grade 96.00 %
6. Certified through Coursera for the course "OUR ENERGY FUTURE" Authorized by University California San diego on 13-05-2020 with grade 87.13 %
7. NPTEL Online Certification "Power Plant Engineering", Score:87% - Jan-Mar 2020
8. NPTEL Online Certification "Steam Power Engineering", Score:75% - Aug-Oct 2019
9. NPTEL Online Certification "Fundamentals of Artificial Intelligence", Score: 73%-Oct 2022.

PROFESSIONAL BODY MEMBERSHIPS:

1. ISTE- Indian Society for Technical Education (LM119040)
2. IAENG- International Association of Engineers (193573)

SCOPUS ID: 48861371600

Google Scholar ID: rfNS9SMAAAAJ&hl

Citations in Google Scholar : 559

H index of Google scholar : 8

i10 index of Google Scholar : 6

Vidwan ID: 318239

TEXT BOOKS AUTHORED:

S.No.	Book Title	Publisher	Role
1.	Elements of Mechanical and Electrical Engineering	Spectrum Publications, Hyderabad	Co-Author

PATENTS PUBLISHED:

S.No.	Type of patent	Title of Patent	Year of Grant/Publication	Country
1.	National	A Side Stand: Automatic Side stand Sport Bike/Motor Cycle	**2020**	**India**
2.	National	A System Implemented With an Artificial Neural Network (Ann) Interface For Predicting the Wear	**2021**	**India**

LIST OF PUBLICATIONS:

Total Number of Publications : 42
Number of Scopus Publications : 14

i. National Journals

1. Jagadish Donepudi, Ravi Kumar Puli, K.Madhu Murthy, "EFFECT OF EXHAUST GAS RECIRCULATION ON PERFORMANCE OF D.I.DIESEL ENGINE", Acharya Nagarjuna University Journal of Engineering & Technology, Vol.1, No.2, 2009, pp.56-60.

ii. International Journals

1. Jagadish Donepudi, Puli Ravi Kumar, K.Madhu Murthy, "PERFORMANCE CHARACTERISTICS OF DIESEL ENGINE OPERATED ON BIODIESEL WITH EXHAUST GAS RECIRCULATION", International Journal of Advanced Engineering and Technology, Vol.2, Issue.2, April-June 2011,pp.202-208.
2. Jagadish Donepudi, Puli Ravi Kumar, K.Madhu Murthy, "DETERMINATION OF ECOLOGICAL EFFICIENCY OF DIRECT INJECTION DIESEL ENGINE FUELLED WITH BIOFUELS", International Journal of Mechanical and Automobile Engineering, Vol.11, Issue.2, 2010, pp.26-32.
3. Jagadish Donepudi, Puli Ravi Kumar, K.Madhu Murthy, "THE EFFECT OF SUPERCHARGING ON PERFORMANCE AND EMISSION CHARACTERISTICS OF C.I.ENGINE WITH DIESEL-ETHANOL-ESTER BLENDS", Journal of Thermal Science,Vol.15, No.4, 2011, pp.1165-1174. (Scopus)
4. Jagadish Donepudi, Puli Ravi Kumar, K.Madhu Murthy, " PERFORMANCE AND EMISSION CHARACTERISTICS OF DIESEL ENGINE RUN ON BIOFUELS BASED ON EXPERIMENTAL AND SEMI ANALYTICAL METHODS", International Journal of Energy and Environment, Vol.2, No.5, 2011, pp.899-908.
5. Jagadish Donepudi, Puli Ravi Kumar, K.Madhu Murthy, " ZERO DIMENSIONAL SIMULATION OF COMBUSTION PROCESS OF A DI DIESEL ENGINE FUELLED WITH BIOFUELS", International Journal of Mechanical and Materials Engineering, Vol.2, No.1, 2011, pp.18-24.**(Scopus)**
6. Jagadish Donepudi, Puli Ravi Kumar, K.Madhu Murthy, " ADDITION OF ESTER (BIODIESEL) TO ETHANO-DIESEL BLEND TO IMPROVE THE ENGINE PERFORMANCE AND TO CONTROL THE EMISSIONS OF NITROUS OXIDES", Journal of Energy and Power, Scientific and Academic Publishing, USA, Vol.1, No.1, 2011, pp.1-5.
7. E. Manoj Kumar, Jagadish and R.Bharat Kumar, "A NOTE ON ALGAE AS POTENTIAL SOURCE FOR ALTERNATE FUELS", International journal of pharma Tech research, vol.6, No.6, 2014, pp.1783-1793. **(Scopus)**
8. Y.D.Dwivedi, Ch. KoteswaraRao and Jagadish, "ENVIRONMENTAL FRIENDLY MAGNETO HYDRO DYNAMIC GENERATOR – A SEQUEL", Journal of Renewable Energy and Environmental Engineering, vol.2, No.4, 2014, pp.271-278.
9. Y.D.Dwivedi, PatilMurali, Jagadish Donepudi, "DESIGN AND AERODYNAMIC ANALYSIS OF DIFFERENT WINGLETS", International journal of innovations in engineering and technology, vol.7, no.2, 2016, pp. 401-410.
10. Jagadish Donepudi, "EFFECT OF FUEL INJECTION PRESSURE ON PERFORMANCE OFCONSTANT-SPEED DIESEL ENGINE FUELLED WITH BIOFUELMIXTURES", Biofuels, Taylor & Francis 2016, DOI:10.1080/17597269.2016.1236003.**(Scopus)**
11. Y.D.Dwivedi and Jagadish Donepudi, "COMPUTATIONAL AERODYNAMIC PERFORMANCE STUDY OF A MODERN BLENDED WING BODY AIRPLANE CONFIGURATION", International Journal of Mechanical & Production Engineering Research and Development, vol.7, no.1, 2017, pp.71-80.**(Scopus)**
12. Y.D.Dwivedi, W.H.Ho, JagadishDonepudi, PMV Rao, "SPANWISE FLOW ANALYSIS OF GLIDING BIO-INSPIRED CORRUGATED WING", Journal of advanced research in dynamical and control system, vol.12, no.1, 2017, pp.312-333.**(Scopus)**
13. Manoj Kumar Enamala, Swapnika Enamala, Murthy Chavali, Jagadish Donepudi, Rajasri Yadavalli, Bhulakshmi Kolapalli, TirumalaVasu Aradhyula, JeevithaVelpuri and Chandrasekhar Kuppam, "PRODUCTION OF BIOFUELS FROM MICROALGAE - A REVIEW ON CULTIVATION,

HARVESTING, LIPID EXTRACTION, AND NUMEROUS APPLICATIONS OF MICROALGAE", Renewable and sustainable Energy Reviews, vol.94, 2018, pp.49-68. **(SCI)**

14. Jaya Krishna M, Vasishta Bharghava, Jagadish Donepudi, "BEM PREDICTION OF WIND TURBINE OPERATION AND PERFORMANCE, International Journal of Renewable Energy Research, Vol.8, No.4, 2018.**(Scopus)**
15. A.Renuka Prasad, Rakesh Bhandari, Donepudi Jagadish, "Experimental Investigations on Homogeneous Charged Compression Ignition (HCCI) Engine", International Journal of Engineering and Advanced Technology, Vol.8, No.2S, pp.410- 412, December, 2018. **(Scopus)**
16. Y.D.Dwivedi, Vasishta Bhargava, P.M.V. Rao, Donepudi Jagadish, "AERODYNAMIC PERFORMANCE OF MICRO AERIAL VEHICLES AT LOW REYNOLDS NUMBERS", INCAS Bulletin, Vol.11, No.1, pp.107-120, 2019.**(Scopus)**
17. A.Renuka Prasad, RakeshBhandari, Donepudi Jagadish, "PERFORMANCE AND EMISSIONS CHARACTERISTICS OF HCCI ENGINE WITH EUCALYPTUS BIODIESEL", International Journal of Innovative Technology and Exploring Engineering, Vol.8, No.5, March, 2019. **(Scopus)**
18. ShaikKhasim Sharif, B. Nageswara Rao, Donepudi Jagadish, "Comparative performance and emission studies of the CI engine with NodulariaSpumigena microalgae biodiesel versus different vegetable oil derived biodiesel" SN Journal of Applied Sciences, doi.org/10.1007/s42452-020-2697-0, April 2020 **(Scopus)**
19. Shaik Khasim Sharif, B. Nageswara Rao, Donepudi Jagadish, "Computational fluid dynamic analysis of Nodularia Spumigena Microalgae Biodiesel and Karanja biodiesel blends using ANSYS in CI engine", 28th March 2020, https://doi.org/10.1016/j.matpr.2020.03.781 **(Scopus)**
20. Vasishta Bhargava, Sainath.K, SatyaPrasad.M, Donepudi Jagadish, Md Akthar Khan, Chinmaya Prasad, HariPrasad.C, Chandra Sekhar.C, " A Case Study of Wind Turbine Loads and Performance using Steady State Analysis of BEM", International Journal of Sustainable Energy, doi.org/10.1080/14786451.2020.1787411, May 2020 **(Scopus)**
21. Donepudi Jagadish, A.V.Nageswara Rao and M.Sreenivasa Kumar, "Engine combustion and emission analysis using optical methods: Anoverview", Materials Today Proceedings, Elsevier 2023.

iii. National Conferences

1. Jagadish Donepudi, Puli Ravi Kumar, K.Madhu Murthy, "PERFORMANCE STUDIES OF DIESEL ENGINE OPERATED ON BIODIESEL WITH EXHAUST GAS RECIRCULATION", Proceedings of the National Conference on Advances in Mechanical Engineering, 18th-19th November, 2010, Vasavi Engineering College, Hyderabad, pp.12-18.
2. Jagadish Donepudi, Puli Ravi Kumar, K.Madhu Murthy, "METHODS TO PREDICT EQUIVALENCE RATIO AND PARTICULATE MATTER FROM DIESEL ENGINE", Proceedings of the National Conference on Advances in Mechanical Engineering, 18th-19th November, 2010, Vasavi Engineering College, Hyderabad, pp.47-52.
3. Jagadish Donepudi, K.Phaneendra Kumar, R.Venkatanadh, "BIODIESEL PRODUCTION FROM ALGAE AND ITS PERFORMANCE STUDIES IN PRESENT ENGINES – AN OVERVIEW", Proceedings of Andhra Pradesh Science Congress, 14th -16th, November, 2012, pp.74.
4. A Renuka Prasad, Jagadish Donepudi, "CURRENT STATUS OF SOLAR ENERGY TECHNOLOGIES IN PERCEPTION TOWARD ENERGY NEEDS OF INDIA", Proceedings of the national conference on advances in mechanical engineering, June 21-23, MITS, Madanapalle, Andhra Pradesh, pp. 103-109, 2013.
5. A Renuka Prasad, Jagadish Donepudi, B Om Prakash, "DESIGN OF AIR-CONDITIONING SYSTEM FOR A MULTI STORIED HOSPITAL USING R134A AND R502", Proceedings of National conference on frontiers in mechanical engineering, August 23-24, MANIT, Bhopal, pp. 77-79, 2013.
6. A Renuka Prasad, Jagadish Donepudi, "DEVELOPMENTS IN SOLAR POND TECHNOLOGY: A LITERATURE REVIEW", Proceedings of National conference on frontiers in mechanical engineering, August 23-24, MANIT, Bhopal, pp. 154-156, 2013.
7. E.Manoj Kumar, Jagadish Donepudi and R.Bharath Kumar, " A NOTE ON ALGAE AS POTENTIAL SOURCE FOR ALTERNATE FUEL – BIODIESEL", Proceedings of national conference on Wonders of the Small, April 3rd& 4th , Pondicherry university, Puducherry ,pp.32, 2014
8. Manoj Kumar E, Jagadish Donepudi and Bharath Kumar R, "ALGAE AS A RESOURCE FOR BIODIESEL IN PENINSULAR INDIA", Proceedings of Global Summit on Emerging Science and Technologies, August 1st to 3rd, Vikaram Simhapuri University, A.P, India, 2014.

9. Dwivedi Y.D, Patil M. Pratap, Jagadish Donepudi and PMV Rao, "EXPERIMENTAL FLOW VISUALIZATION STUDY OF CORRUGATED AND FLAT WING", Proceedings of National Symposium of Mechanical Engineering Research Scholars, NSMERS, 2016, NIT Warangal.

iv. International Conferences

1. Jagadish.D, P.Ravi Kumar, K.Madhu Murthy, "PERFORMANCE CHARACTERISTICS OF C.I.ENGINE USING VEGETABLE OILS – AN OVERVIEW", International Conference on "Issues and challenges in Energy Conversion and Management", ICEM, 18th-20th December, 2009, ITBHU, Varanasi, pp.34-45.
2. Jagadish Donepudi, Puli Ravi Kumar, K.Madhu Murthy, "THE EFFECT OF INJECTION PRESSURE ON THE PERFORMANCE OF DIRECT INJECTION DIESEL ENGINE FUELLED WITH BIOFUELS", Proceedings of 8th Asia Pacific Conference on Combustion, 10th-13th December, 2010 Hyderabad, pp.731-738.
3. Jagadish Donepudi, Puli Ravi Kumar, K.Madhu Murhty, "BIODIESEL PREPARATION BY TRANSESTERFICATION AND TESTING IN A DIESEL ENGINE", Proceedings of the International Conference on Recent Innovations in Technology, 10th-12th February, 2011, Rajiv Gandhi Institute of Technology, Kottayam, pp.391-396.
4. Jagadish Donepudi, "A NOTE ON SIGNIFICANCE OF SOLAR POND TECHNOLOGY FOR POWER GENERATION", Proceedings of Waset Journal of Physcis, nuclear science and Engineering, Vol.8, No.3, 2014, pp.61-65, 2014.
5. Dwivedi Y.D, Jagadish Donepudi, V.K.Sridhar and PMV Rao, " AERODYNAMIC ANALYSIS OF CORRUGATED WINGLET FOR IMPROVED MAV PERFORMANCE", Proceedings of LAMSYS 2016 Conference at SDSC SHAR, Sriharikora, A.P, India, no.C1-017, 2016.
6. Dwivedi Y.D and Jagadish Donepudi, "EFFECT OF WINGLET CORRUGATION FOR IMPROVED MAV AERODYNAMIC PERFORMANCE", Proceedings of ICCMS, June 27th to July 1st, IIT Bombay, pp.371-374, 2016.
7. A.Renuka Prasad, Donepudi Jagadish, Dr.RakeshBandhari, "STUDIES ON PERFORMANCE AND EMISSIONS OF CI ENGINE CONVERTED SS MODEL HCCI ENGINE", Conference Proceedings in International Journal of Pure and Applied Mathematics, Vol. 120, pp. 4211-4222, 2018.
8. SK. Khasim Sharif, B. Nageswara Rao, Donepudi Jagadish, "PERFORMANCE AND EMISSION STUDIES OF ALGAE (NODULARIA SPUMIGENA) BIODIESEL IN CONSTANT SPEED CI ENGINE EQUIPPED WITH DIESEL PARTICULATE FILTER", Conference Proceedings in International Journal of Pure and Applied Mathematics, Vol.120, pp. 4367-4381, 2018.
9. T.Anitha, D.Jagadish, M.Sreenivasa Kumar, "Establishment of SCR Test facility and Evaluation of 8mm pitch Honeycomb Type Catalyst in a 20 Liter capacity SCR Test facility", Proceedings of ICETMEIA2K21,Narasaraopeta Engineering College, Narasaraopet, July 30th – 31st, 2021. pp. 19-24.
10. Dr.D.Jagadish, ShaikBajan, G.Daniel Raju andP.SudarsanBabu, "DESIGNING AND MODELING OFGO-KART VEHICLE", Proceedings of ICETMEIA2K22, Narasaraopeta Engineering College, Narasaraopet, July 29th - 30th, 2022. pp. 186-188.
11. D.Jagadish, SK.Dastagiri, K.Akash, SK.TH.MastanVali, P.Rajesh, Y.Rajesh, "DESIGN & FABRICATION OF BRAKING SYSTEM FORELECTRIC VEHICLE", Proceedings of ICETMEIA2K23, Narasaraopeta Engineering College, Narasaraopet, June09th - 10th, 2023. pp. 89-92.