

Name of Faculty Dr. N JANARDHAN
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 02– 12 - 2010
 E-mail njanardhan_mech@cbit.ac.in



| Education Qualifications | Name of the Degree | Class |
|--------------------------|-----------------------------------|---------|
| Ph. D | Doctor of Philosophy (Mechanical) | Awarded |
| PG | M. Tech. (Thermal) | First |
| UG | B. E. (Mechanical) | First |

Work Experience

| | |
|----------|-----------------------------------|
| Teaching | 16 (Includes Research Experience) |
| Research | 06 years |
| Industry | 5 |
| Others | 04 Months |

Area of Specialization Thermal Engineering

Professional Memberships Member, ISHRAE Number: 225894

Responsibilities held at Institution Level

Responsibilities held at Department Level In-charge, Heat Transfer Lab

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Thermodynamics, Heat Transfer, Applied Thermodynamics and Heat Transfer, Refrigeration and Air conditioning, Applied thermodynamics, Failure Analysis and Design, Finite Elemental Method, Engineering Graphics,

No. of Papers Published National Journals – International Journals – 36
 National Conference – 01 International Conference –

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker

No. of Books/Chapter Published with details Published One Chapter -- Book Titled “Network Security: Perspectives and Challenges”, 2019.

- Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).
1. Participated one week Faculty Development Programme on “Outcome Based Education and NBA Accreditation Process”, during 28-may-2020 to 01-06-2020.
 2. Participated one week Programme of online Faculty Development Programme on “INDUSTRY 4.0- A VISION OF DESIGN AND MANUFACTURING”, conducted by the Department of Mechanical Engineering during 16th-20th June, 2020.
 3. Participated one week online programme on “ADVANCED MATERIALS AND MANUFACTURING” from 29th/06/2020 to 03/07/2020 in KITS warangal
 4. Participated one week faculty Development programme on “Finite Element Applications in Mechanical & Civil Engineering” Organized by the Department of Mechanical Engineering, CBIT, Hyderabad. 23-28, 2017.

International/ National Journal

1. Dr. R. P. Chowdary, Dr. N. Janardhan, Performance of Waste Fried Oil based Biodiesel in a Stationary Diesel Engine, International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278-3075, Volume-9 Issue-6, April 2020.
2. Dr. N. Janardhan, Dr. R. P. Chowdary, Performance of Semi Adiabatic DI Diesel Engine, International Journal of Soft Computing and Engineering, ISSN: 2231-2307, Volume-9 Issue-5, January 2020. with Supercharged air using Crude Jatropa Oil

3. Dr.N.Janardhan, Reduction of NOx levels in Diesel Engine with Alternative Fuel Using Selective Catalytic Reduction Techinque. International Journal of Engineering Science & Reseach Technology ISSN:2277-9655, 7(1): January, 2018, DOI: 10.5281/zenodo.1135985.
4. Dr.N Janardhan, Influence of Varied Injection Timing on Exhaust Emissions With Crude Jatropa Oil on Direct Diesel Engine with High High Grade Insulated, Iconic Research and Engineering Journal, ISSN:2456-8880, Volume-1, Issue-6, December – 2017.
5. Dr. N.Janardhan, Experimental Investigations on DI Diesel Engine With High Grade Insulated Combustion Chamber With Varied Injection Pressure. Iconic Research and Engineering Journal, ISSN:2456-8880, Volume-1, Issue-6, December – 2017.
6. Dr. N.Janardhan, Studies On Influence Of Injection Pressure On Exhaust Emissions Of Diesel Engine With Medium Grade Insulated Combustion Chamber With Crude Jatropa Oil Operation, International Journal of Engineering Research and General Science, ISSN 2091-2730, Volume-1, Issue-6, December – 2017.
7. Dr.N Janardhan, Effect Of Injection Timing On Exhaust Emissions And Combustion Characteristics Of Direct Injection Diesel Engine With Air Gap Insulation, International Journal of Engineering Research and General Science, ISSN 2091-2730, Volume-1, Issue-6, December – 2017.
8. Dr.N Janardhan, M.RaviChandra, Maddali.V.S.Muralikrishna, Experimental investigations on DI diesel engine with high grade insulated combustion chamber with varied injection timing, International Journal of Current Engineering and Technology, ISSN 2347 – 5161, Vol.7, No.4 , Aug 2017.