

Name of Faculty Dr. R. P. Chowdary
 Designation Associate Professor
 Nature of Job/Appointment Regular
 Date of Joining 19 – 10 - 2000
 E-mail rpchowdary_mech@cbit.ac.in



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

Work Experience

Teaching	20 Years (Includes research experience)
Research	12 years
Industry	10 years
Others	----

Area of Specialization Thermal Engineering, IC Engines, Alternative Fuels

Professional Memberships

1. Institution of Engineers(M-125263)
2. Indian Society for Technical Education (LM-34872)

Responsibilities held at Institution Level

1. Worked as I/c Staff Transport from 2001 to 2009.
2. In-charge, Students Transport from October 2017 to till date.

Responsibilities held at Department Level

1. Member BOS, Department of Mechanical Engineering.
2. Member PAC, Department of Mechanical Engineering.

Research Guidance --

Courses Handled at Under Graduate / Post Graduate Level. Engineering Graphics, Thermodynamics, Applied Thermodynamics, Heat Transfer, Elements of Mechanical Engineering, Environmental Pollution, Design of Solar and Wind Systems, Advanced IC Engines.

No. of Papers Published

National Journals	-10	International Journals	- 14
National Conference	- ---	International Conference	- 02

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details --

Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).

1. Attended one Week Online Faculty Development Program (FDP) on "INDUSTRY 4.0 – A VISION OF DESIGN AND MANUFACTURING", organized by the Department of Mechanical Engineering CBIT during 16-06-2020 to 20-06-2020.
2. Attended one Week Online FDP on "DESIGN OF SOLAR PV SYSTEM USING PVSYS SOFTWARE" Organized by Vaagdevi College of Engg(A) from 09-06-2020 to 13-06-2020.
3. Attended one week online FDP on "Outcome based Education and NBA Accreditation Process" organized by CBIT(A) from 28-05-2020 to 01-06-2020
4. Attended one week online FDP development program on "Outcome Based Education:A Step Towards Excellence" under Margdarshan Scheme of AICTE, organized by Government College of Engg, Karad, Maharashtra, from 11-05-2020 to 15-05-2020.
5. Attended online Training Program on "SOLAR PV INSTALLATION", Conducted by MSME Technology Development Centre, AGRA, from 27-04-2020 to 29-04-2020.

International/National Journals from the Year 2017

1. V. V. R. Seshagiri Rao and R. P. Chowdary (2020), "Pollution Levels of Diesel Engine With Vegetableoil-Alcohol Operation at Different Injection Timings", The International journal of analytical and experimental modal analysis,ISSN NO:0886-9367, Volume 12, Issue 06, pp.1424 -1428
2. Dr. R.P.Chowdary and Dr. V.V.R.SeshagiriRao (2020), "Performance of Used Cooking Oil Based Biodiesel in a Low Heat Rejection Diesel Engine", International Journal of New Innovations in Engineering and Technology, ISSN: 2319-6319 Volume 13, Issue 3, pp.19-25.
3. R.P. Chowdary andN.Janardhan (2020), "Performance of Waste Fried Oil based Biodiesel in a Stationary Diesel Engine" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ;ISSN: 2278-3075, Volume9, Issue6, pp. 1595-1599.
4. N.Janardhan andR.P.Chowdary (2020), "Performance of Semi Adiabatic DI Diesel Engine with Supercharged air using Crude Jatropa Oil", International Journal of Soft Computing and Engineering (IJSCE) ISSN: 2231-2307, Volume9, Issue5, pp. 10-16.
5. Dr. R.P. Chowdary (2019), "An Experimental Investigation of Performance and Pollution levels on DI Diesel Engine with Waste Fried Cooking oil and its Bio diesel",International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P): 2249-6890; ISSN(E): 2249-8001, Volume 9, Issue 3, pp. 1793-1802.
6. Dr. R.P. Chowdary, Ch. Swaraj Reddy, Ch. Sri Krishna Shailesh, G. UdayKiran (2020) "Thermoelectric Cooling And Heating By Peltier Effect",Journal of Emerging Technologies and Innovative Research, ISSN-2349-5162, Volume 7, Issue 4, pp.1147-1153.
7. R.P. Chowdary, M. Ravi Chandra and M.V.S. Murali Krishna (2019), "Effect of Air Gap Thickness on Exhaust Emissions of Partially Adiabatic Diesel Engine with Tamarind Biodiesel", "Pollution Research". ISSN 0257-8050, Volume 38, Issue 2, pp. 254-260.
8. N. VenkateswaraRao, M.V.S. Murali Krishna, R. PeraiahChowdary,N. Janardhan, V.V.R. SeshagiriRao and T. Ratna Reddy (2018), "Experimental Investigations on Pollution Levels from Supercharged Partially Adiabatic Diesel Engine with Tamarind Biodiesel Blended With Diethyl Ether", "Pollution Research".ISSN 0257-8050, Volume37, Issue 4,pp.1075-1079.
9. Dr. R.P. Chowdary, Dr.M.V.S. MuraliKrishna (2018), "Experimental Investigations of Performance Parameters on Direct Injection Diesel Engine with Alternative Fuels", Journal of Emerging Technologies and Innovative Research, ISSN-2349-5162, Volume5, Issue 6, pp. 287-292.