

1	Name of Faculty	Dr. R. P. Chowdary		
2	Designation	Associate Professor		
3	Nature of Job/Appointment	Regular		
4	Date of Joining	19 – 10 - 2000		
5	E-mail	rpchowdary_mech@cbit.ac.in		
6	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	
7	Work Experience			
	Teaching	20 Years		
	Research	12 years		
	Industry	10 years		
	Others	----		
8	Area of Specialization	Thermal Engineering, IC Engines, Alternative Fuels		
9	Professional Memberships	1. Institution of Engineers(M-125263) 2. Indian Society for Technical Education(LM-34872)		
10	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.		
11	Responsibilities held at Department Level	1. Member BOS, Department of Mechanical Engineering. 2. Member PAC, Department of Mechanical Engineering.		
12	Research Guidance	--		
13	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.		
14	No. of Papers Published	National Journals –10	International Journals – 14	
		National Conference – ---	International Conference – 02	
15	Projects Carried out	-----		
16	Patents	-----		
17	Technology Transfer	-----		
	Invited Speaker(Few Important/Prominent)	-----		
18	No. of Books/Chapter Published with details	-----		
19	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 PVSYST SOFTWARE" Organized by Vaagdevi College of Engg(A) from 09-06-2020 to 13-06-2020. 3. Attended one week online FDP on "Out Come 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. 6. Attended one week program on "Energy Management and Efficiency" conducted by IIT-Guwahati during May 2016. 7. Attended STTP on "Smart Technologies and Emerging Trends" Conducted by ESCI & JNTUH during 2016.		

		8. Attended Three Day workshop at IIT-Indore on “Measurement Techniques in Thermal Engineering: Recent Advances” during May-2014. 9. Attended Two Week FDP program organized by JNTU Hyderabad on “Recent Advances in Thermal Engineering” during the year 2001. 10. Organized A Two-Day National Conference on “Role of Engineers in the Development of New State of Telangana, “NC-REDNEST”, from 23-01-2015 to 24-01-2015. 11. Organized National Conference on “Advances in Mechanical Engineering and Renewable Energy” (AMERE), at CBIT, Gandipet, Hyderabad from 25-03-2013 to 26-03-2013.
20	Details of Journal Publications / Conferences (National and International)	
	<p>International Journals.</p> <ol style="list-style-type: none"> 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 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. 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. 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. 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. M.V.S. MuraliKrishna, R.P. Chowdary, T.Kishen Kumar Reddy and P.V.K. Murthy (2015),“Performance evaluation of waste fried vegetable oil in a medium grade low heat rejection diesel engine”, Journal of Computational and Applied Research in Mechanical Engineering, ISSN 2228-7922, Voumel 4, Issue 2, pp. 101-120. R.P.Chowdary, M.V.S. Murali Krishna, T.KishenKumar Reddy (2014),“Studies on Exhaust Emissions From Ceramic Coated Diesel Engine With Waste Fried Vegetable Oil Based Biodiesel” International Journal ofMechanical Engineering & Technology’, Volume 5,Issue 7, pp. 27-35. Krishna,Mand Chowdary,R (2014), “Comparitive Studies on Performance Evaluation of Waste Fried Vegetable Oil in Crude Form and Biodiesel Form in Conventional Diesel Engine”, SAE Paper No 2014-01-1947. M.V.S. Murali Krishna, R.P.Chowdary ,T.Kishen Kumar Reddy , and P.V.K. Murthy(2013),“Performance, Emissions and Combustion Characteristics of Waste Fried Vegetable Oil Based Biodiesel in high Grade Low Heat Rejection Diesel Engine” ‘British Journal of Applied Science & Technology’,Volume 3,issue 4,pp1345-1367. R.P.Chowdary, T.Kishen Kumar Reddy, M.V.S.Murali Krishna, and P.V.K. Murthy(2013), “Studies on Emissions And Combustion Characteristics Of Waste Fried Vegetable Oil in Crude Form And Biodiesel Of High Grade Low Heat Rejection Diesel Engine” ‘International journal of Automobile Engineering Research & Development’, Voume 3,issue 1, pp63-74. M.V.S. Murali Krishna, R.P.Chowdary, T.KishenkumarReddy, P.V.K. Murthy (2012), “ Performance Evaluation of Waste Fried Vegetable oil in A Low Grade Low heat Rejection Diesel Engine” International Journal Of Research in Mechanical Engineering, Volume 2, Issue 2, pp35-44. M.V.S. Murali Krishna, R.P.Chowdary, T.K.K.Reddy, and P.V.K. Murthy(2012) “A Comparitive Study Of The Performance Of A Low Heat Rejection Engine With Three Different Levels Of Insulation With Waste Fried Vegetable Oil Operation”. International Journal Of Science and Technology , Volume2, issue 6, pp 358-371. R.P.Chowdary, M.V.S. Murali Krishna, T.K.K.Reddy, P.V.K. Murthy(2012), “Performance Evaluation Of A High Grade Low Heat Rejection Diesel Engine With Waste Fried Vegetable Oil” International Journal Of Engineering And Technology , Volume2, issue 3, pp 440-450. Naga s. Sarada, Kalyani K. Radha, Reddy T.K.K, Murali Krishna M.V.S, R.P. Chowdary, Shanker(2010), “Performance Evaluation of A Low Heat Rejection Diesel Engine With Waste Fried Vegetable Oil” International Journal Of Mechanical Engineering And Material Sciences, Volume 3, issue 1, pp. 1-8 <p>National Journal</p> <ol style="list-style-type: none"> 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. 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. 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. 	

4. 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.
5. R. P. Chowdary, T. Kishen Kumar Reddy, M. V. S. Murali Krishna, and P. V. K. Murthy (2013), "Performance, Emissions and Combustion Characteristics of Waste Fried Vegetable Oil Based Biodiesel in high Grade Low Heat Rejection Diesel Engine", Journal of Mechanics & Industry Research, Volume 1, Issue 2, pp. 33-43.
6. M.V.S. Murali Krishna, T.K.K.Reddy, V.V.R.SeshagiriRao, and R.P. Chowdary (2011),"Comparitive Studies Of Pollution Levels Of High Grade Insulated Engine With Jatropa Oil and Pongamia Oil Based Bio Diesel", Ecology, Environment & Conservation. Volume17, Issue 3, pp. 575-579.
7. M.V.S. Murali Krishna, G.Sarita, V.V.R.SeshagiriRao, R.P. Chowdary, and Ch.V.Ramana Reddy (2010), "Performance and Emission Characteristics of a Low Heat Rejection Engine with Different Air Gap Thicknesses with Jatropa Oil Based Bio-Diesel", EnvironmentScience &Engg, Volume52, Issue2,pp 97-102.
8. M.V.S. Murali Krishna, P.V.K.Murthy, R.P. Chowdary , And V.V.R.SeshagiriRao (2009), "Matching Of Injection Timing In High Grade Low Heat Rejection Engine For Improved Performance With Pongamia Oil Based Bio Diesel", Enviro Media, Volume 28, Issue 2,pp. 171-180.
9. M.V.S. Murali Krishna, T.K.K.Reddy, V.V.R.SeshagiriRao, and R.P. Chowdary (2008),"Performance and Emission characteristics of a low heat rejection engine with different air gap thicknesses with pongamia oil based bio-diesel" Engineering today,' Volume 10, Issue 10, pp 17-28.
10. M.V.S. Murali Krishna, R.P. Chowdary , A.Satish Chandra, V. Shiva Krishna and CH.Raju (2007), "Performance Evaluation Of Low Heat Rejection diesel Engine with Blends of Diesel and Waste Fried Vegetable Oil", Enviro Media, Volume 26, Issue 3,pp. 429-434.

International Conferences:

1. R.P. Chowdary, M.V.S. Murali Krishna, T. Kishen Kumar Reddy, B.SudheerPrem Kumar and K.Ravi Kumar (2016),"Comparative Studies on Exhaust Emissions of Waste Fried Vegetable Oil in Crude Form and BioDieselof High Grade Semi Adiabatic Diesel Engine", International Conference on Current research topics in Power, Nuclear and Fuel Energy(PNFE)-2016, organized by St.Peter's Engineering College, Hyderabad,from 25-10-2016 to 27-10-2016.
2. Raaviperaiahchowdary, Maddali. V.S. Krishna,T.Kishen Kumar Reddy,D.Srikanth, P.V.Krishna Murthy and N.Janardhan (2015), "Experimental Investigations on DI Diesel Engine with Low Heat Rejection Combustion Chamber with Waste Fried Vegetable Oil and its Bio-Diesel", Paper Number: IMECE2015-53202, ASME International Mechanical Engineering Congress& Exposition, pp.V08BT10A059, Houston,Texas, from 13-11-2015 to 19-11-2015.