


1	Name of Faculty	Dr V V R Seshagiri Rao		
2	Designation	Associate Professor		
3	Nature of Job/Appointment	Regular		
4	Date of Joining	24-05-2005		
5	E-mail	seshagirirao_mech@cbit.ac.in		
6	Education Qualifications	Name of the Degree	Class	
	Ph. D	Doctor of Philosophy (Mechanical Engineering)	Awarded	
	PG	M. Tech (Thermal & Fluids Engg) from IITB	CGPA of 8.02	
	UG	B. Tech (Mechanical Engg.)	First Class	
7	Work Experience			
	Teaching	28 Years (Includes research experience)		
	Research	12 years		
	Industry	--		
	Others	--		
8	Area of Specialization	Internal Combustion Engines, Alternative Fuels		
9	Professional Memberships	Life Member of Indian Society of Technical Education (ISTE) (LM23480)		
10	Responsibilities held at Institution Level	1. Assistant Controller of Examinations since January 2019 for a tenure of 2 years. 2. ISO coordinator for Mechanical Engineering Department.		
11	Responsibilities held at Department Level	1. Member – Board of Studies 2. Coordinator - Course Expert Group - Thermal Engineering Stream.		
12	Research Guidance	---		
13	Awards Received	---		
14	Courses Handled at Under Graduate / Post Graduate Level.	UG	1. Thermodynamics; 2. Applied Thermodynamics; 3. Applied Thermodynamics and Heat Transfer; 4. Refrigeration and Air-conditioning; 5. Thermal Turbo Machines; 6. Applied Thermodynamics Lab; 7. Applied Thermodynamics & Heat Transfer Lab; 8. Thermal Engineering Lab.	
		PG	1. Advanced Thermodynamics; 2. Thermal Systems Lab	
15	No. of Papers Published	National Journals – 08	International Journals – 22	
		National Conference – 02	International Conference – 01	
16	Projects Carried out	----		
17	Patents	----		
18	Technology Transfer	----		
19	Invited Speaker	----		
20	No. of Books/Chapter Published with details	1. Book published by National Level publishers, with ISBN/ISSN number: "Proceedings of National workshop programme on Alternate Liquids fuels in IC engines, ISBN 978-93-85518-11-9".		
21	Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).	1. Coordinator for the TEQIP-II sponsored "A Two-Day National Workshop Programme on Alternative Liquid Fuels in I.C. Engines conducted at CBIT, Hyderabad during 17-18, February 2017. 2. A 1-week STTP on "CNC & Robotics Programming in Manufacturing Industries" organized by Department of Mechanical Engineering, JNTU, Kakinada during 2 nd -7 th July 2018 (Sponsoring Agency: TEQIP)		
22	Details of Journal Publications/ Conferences (National and International)			

International/National Journals from the Year 2017

1. V.V.R.Seshagiri Rao, "Performance Parameters of Diesel Engine with Jaropha-Methanol Operation at Different Injection Timings and Injector Opening Pressures", Alochana Chakra Journal. ISSN : 2231-3990, Volume IX, Issue VI, 6427-6433, June 2020.
2. V.V.R.Seshagiri Rao, R.P.Chowdary, "Pollution Levels of Diesel Engine With Vegetable Oil-Alcohol Operation at Different Injection Timings", The International Journal of Analytical and Experimental Modal Analysis, ISSN:0886-9367, Volume XII, Issue VI, 1424-1428, June 2020.
3. K.Kishor, V.V.R.Seshagiri Rao, "FE Thermal Analysis of Liner of a 2-Stroke Copper Coated SI Engine", Alochana Chakra Journal. ISSN : 2231-3990, Volume IX, Issue VI, 6400-6406, June 2020.
4. V.V.R.Seshagiri Rao, K.Kishor, "Emissions Characteristics of Diesel Engine With Jaropha-Methanol Operation at Different Injector Opening Pressures", Alochana Chakra Journal. ISSN : 2231-3990, Volume IX, Issue VI, 5907- 5912, June 2020.
5. R.P.Chowdary, V.V.R.Seshagiri Rao, "Performance of Used Cooking Oil Based Biodiesel in a Low Heat Rejection Diesel Engine", International Journal of New Innovations in Engineering and Technology, Volume 13, Issue 3, 19-25, April 2020.
6. V.V.R.Seshagiri Rao, "Evaluation of Performance Parameters And Combustion Characteristics Of A Diesel Engine With Vegetable Oil Operation", Journal Of Emerging Technologies and Innovation Research, ISSN: 2349-5162, Volume 6, Issue 6, 234-242, June 2019.
7. V.V.R.Seshagiri Rao, "Comparative Analysis of Crude Jatropha Oil-Methanol operation in DI Diesel Engine", International Journal of Recent Innovation in Engineering and Research, ISSN:2456-2084, Volume 3, Issue 6, 26-33, June 2018.
8. V.V.R.Seshagiri Rao, "Effects Of Preheated Crude Jatropha Oil On Performance And Emissions Of DI Diesel Engine", International Journal of latest Trends in Engineering and Technology, ISSN:2319-3778, Volume 10, Issue 2, 071-076, April 2018.
9. V.V.R. Seshagiri Rao, "Experimental investigations on performance evaluation of DI diesel engine with crude jatropha oil with varying injection timings and injection pressures", Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162, Volume 5, Issue 4, 305-312, April 2018.
10. V.V.R. Seshagiri Rao, "Experimental investigations on performance, emissions and combustion characteristics of conventional diesel engine with non-edible vegetable oil operation at varying injection timings", International Journal of Creative Research Thoughts, ISSN: 2320-2882, Volume 6, Issue 1, 420-429, March 2018.

11. N.Venkateswara Rao, M.V.S.Murali Krishna, R.Peraiah Chowdary, N.Janardhan, V.V.R. Seshagiri Rao and T. Ratna Reddy, "Experimental Investigations On Pollution Levels From Supercharged Partially Adiabatic Diesel Engine With Tamarind Biodiesel Blended With Diethyl Ether", Pollution Research, ISSN:1075-1079, Volume 37, Issue 4, 1075-1079, December 2018.