1	Name of Faculty	Dr. S. Narasimha Kumar	
2	Designation	Asst. Professor	
3	Nature of Job/Appointment	Permanent-Regular	
4	Date of Joining	30-01-2008	
5	E-mail	snarasimhakumar_mech@cbit.ac.in	
6	Education Qualifications	**Name of the Degree**	**Class**
	Ph. D	Doctor of Philosophy (Mech)	Awarded
	PG	M. Tech. (Mech)	First
	UG	B. E. (Mech)	First with Distinction
7	Work Experience		
	Teaching	19 Years	
	Research	12 Years	
	Industry	Nil	
	Others	Nil	
8	Area of Specialization	Alternative fuels, Renewable Energy Technologies and Heat Transfer	
9	Professional Memberships		
10	Responsibilities held at Institution Level	Working as Co-InCharge, Academics and Examinations	
11	Responsibilities held at Department Level	Member, Course Expert Group	
12	Research Guidance	4 (Progress)	
13	Awards Received	--	
14	Courses Handled at Under Graduate / Post Graduate Level.	**UG**: Applied Thermodynamics, Thermal Turbo Machines, Control Systems Theory, Energy conservation, Management and Audit, Refrigeration & Air-conditioning and Elements of Mechanical Engineering **PG:** Thermodynamics & Combustion and Turbomachines	
15	No. of Papers Published	National Journals – 03	International Journals – 40
		National Conference – 03	International Conference – 02
16	Projects Carried out	--	
17	Patents	--	
18	Technology Transfer	--	
19	Invited Speaker	--	
20	No. of Books/Chapter Published with details	1. "Experimental Investigation of two stroke copper coated S.I.engine with catalytic converter with gasohol (ISBN NO :978-93-87822-18-4),2018 2. Proceedings of National workshop programme on Alternate Liquids fuels in IC engines on Feb 17-18th 2017, 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. Attended FDP on Finite Element Methods for beginners from 20/04/2020 to 24/04/2020 by CHITKARA University,Punjab. 2. One week FDP on "Research Challenges and OpportunitiesPostCOVID-19 RECOP2020)"Conducted by Research & Development Cell and Institution's Innovation Council of SriVasavi Engineering College (Autonomous) from 4/05/2020 to 9/05/2020. 3. One week National level online Faculty Development Programme on Innovation to Academics From11-05-2020-16-5-2020 By Ramachandra College Of Engineering, Eluru 4. One week FDP on "Outcome Based Education : A Step Towards Excellence " conducted by Govt.Engineering college, Karad,Maharastra from 11th to 15th May 2020. 5. One Week Online Faculty Development Program on "Innovation, Entrepreneurship and its Relevance in Industry 4.0 Practices in the Post Covid-19 Situation"conducted during May 25 – 29, 2020 & was organized by TERNA ENGINEERING COLLEGE,Navi	

		Mumbai. 6. One week Faculty Development Programme on "Outcome based education and NBA accreditation process-UG" organized by CBIT from 28.05.2020 to 01.06.2020. 7. One Week Online FDP on "Funding Opportunities for Engineering Teachers & Technical Paper Writing" from 15th June to 19th June 2020." on 15th june-19th june 2020 Organized by, Rajarambapu Institute of Technology, Rajaramnagar. 8. One Week Online FDP on "INDUSTRY 4.0 - A VISION OF DESIGN AND MANUFACTURING" organized by Mechanical Engineering Department, Chaitanya Bharathi Institute of Technology, Hyderabad, during 16-06-2020 to 20-06-2020 9. One week online FDP on "Enhancing Research and Consultancy Skills"on June 22 - 26, 2020 organized by Department of Mechanical Engineering, Rajarambapu Institute of Technology, Rajaramnagar 10. Three day online FDP" Enabling Self-Reliant Economy Through Techno-Social Innovation In A Perspective of Post COVID- 19 Rural India from 25-27th June 2020 conducted under UBA Cell, RGIT,Mumbai. 11. Attended two week Faculty Development Programme(FDP) on Solar and Wind Energy – Future Technologies scheduled during 12th November 2018 to 24th November 2018 at JNTU Anathpuramu,A.P,India. 12. Attended Refresher course on "Energy conservation and Management" from 24-02-2003 to 15-03-2003, organized by JNTU,Hyderabad 13. Attended Two week ISTE workshop on "Computational Fluid Dynamics" conducted by IIT Bombay from 12th to 22nd June 2012 held under National mission on Education through ICT(MHRD) 14. UGC sponsored four weeks "Orientation Programme"from 3rd june 2013-01st July 2013 15. Attended Refresher course on Emerging trends in renewable energy sources and energy management, 09-06-2014 to 28.06.2014 ,organized by JNTU, Hyderabad 16. Organised A National workshop programme on Alternate Liquids fuels in IC engines on 17-18th 2017, ISBN 978-93-85518-11-9".
22	Details of Journal Publications/ Conferences (**National and International**)	
	International Journal 1. M.V.S.Murali Krishna, K.Kishor, A.V.S.S.K.S.Gupta, D.N.Reddy and S.Narasimha Kumar.(2009). Emission characteristics of high speed spark ignition engine with catalytic converter. International Journal of Ultra Scientist of Physical Sciences, ISSN: 0970 -9150, 23(3),pp 607-612. 2. S.Narasimha Kumar, M.V.S.Murali Krishna, P.V. Krishna Murthy, V.V.R.Seshagiri Rao and D.N.Reddy. (2010). Emissions from copper coated two-stroke spark ignition engine with gasohol with catalytic converter. International Journal of Mechanical Engineering, ISSN: 0974-5823,3(2),July-December,pp163-167(Impact factor = 2.2). 3. P.V.K.Murthy, M.V.S.Murali Krishna, S.Narasimha Kumar, K.Kishor and P. Giridhar Reddy. (2011).Performance of copper coated two stroke spark ignition engine with alternate fuels with catalytic converter. International Journal of Engineering & Techno-Science, ISSN:0976-9293,2(2),pp145-149 (Impact factor = 2.71). 4. S.Narasimha Kumar, K. Kishor, M.V.S. Murali Krishna and P.V.K. Murthy.(2011).Studies on exhaust emissions from copper coated gasohol run spark ignition engine with catalytic converter. International Scholarly Research Net Work (ISRN) in Mechanical Engineering (ME), ISSN: 2090-5122, 2011, Article 757019, pp1-6. (Impact factor=1.0). 5. M.V.S.Murali Krishna, S. Narasimha Kumar, P.V. Krishna Murthy. (2011).Control of aldehyde emissions from copper coated spark ignition engine fueled with alcohol blended gasoline. International Journal of Engineering Research and Applications (IJERA),ISSN: 2248-9622, 1(2),pp 337-340. (Impact factor =1.325). 6. P.V.K.Murthy, S. Narasimha Kumar, K.Kishor and M.V.S. Murali Krishna. (2011). Aldehyde emissions from two-stroke and four-stroke spark ignition engines with catalytic converter running on gasohol. International Journal of Fuels and Lubricants, (Croatia),ISSN: 0350-350X 50(2),pp137-156. 7. S. Narasimha Kumar, M.V.S.Murali Krishna, P.V.K.Murthy, V.V.R.Seshagiri Rao and D.N.Reddy. (2011). Performance of copper coated two stroke spark ignition engine with gasohol with catalytic converter. International Journal on Mechanical & Automobile Engineering (IJMAE), ISSN: 0974 -231X, 12(1),pp 36-43. 8. S.Narasimha Kumar, M.V.S.Murali Krishna, P.V.K.Murthy, D.N.Reddy and K.Kishor. (2011).Performance of copper coated two stroke spark ignition engine with gasohol with catalytic converter with different catalysts. International Journal of Applied Engineering Research, Dindigul, ISSN: 09764259, 2(1),pp 205-218. 9. M.V.S. Murali Krishna, P.V.K. Murthy, S.Narasimha Kumar and K. Kishor. (2011).Control of exhaust emissions from copper coated gasohol run two spark ignition engine with catalytic converter.	

International Journal of Mechanical Engineering Research (Canadian), ISSN: 1927-0607, E-ISSN 1927-0615,1(1),December, pp 24-37.

10. M.V.S.Murali Krishna, K. Kishor, A.V.S.S.K.S. Gupta, P.V.K.Murthy and S.Narasimha Kumar. (2012).Performance of copper coated two stroke spark ignition engine with methanol blended gasoline with catalytic converter", International Journal of Sustainable and Renewable Energy (American Institute of Physics), ISSN:1941-7012,4(1),013102.1-013102.9 (Impact factor-1.214)
11. M.V.S. Murali Krishna, K.Kishor, P.V.K. Murthy, A.V.S.S.K.S. Gupta and S. Narasimha Kumar. (2012). Comparative studies on emissions from two stroke copper coated spark ignition engine with alcohols with catalytic converter. International Journal of Scientific & Technology Research, (France), ISSN: 2277-8616,1(2),pp 85-90.
12. M.V.S. Murali Krishna, K. Kishor, P.V.K. Murthy and A.V.S.S.K.S. Gupta and S. Narasimha Kumar, (2012). Comparative studies on performance evaluation of a two stroke copper coated spark ignition engine with alcohols with catalytic converter. International Journal of Renewable and Sustainable Energy Reviews. ISSN: 1364-0321. 16, pp 6333-6339(Impact factor =6.018)
13. S.Narasimha Kumar, M. V. S. Murali Krishna & P. V. K Murthy (2013)."Comparative Studies on Exhaust Emissions and Combustion Characteristics of Two Stroke Copper Coated Spark Ignition Engine with Alcohol Blended Gasoline with Catalytic Converter" International Journal of Current Engineering and Technology (IJCET) ISSN 2277 - 4106 Vol.3, No.5,Dec 2013,1957-
14. S.Narasimha Kumar , M.V.S. Murali Krishna , P.V.K. Murthy(2014)"Comparative Studies on Performance Parameters and Exhaust Emissions from Two Stroke Copper Coated Spark Ignition Engine with Alcohol Blended Gasoline with Catalytic Converter". International Journal Of Engineering Sciences & Research Technology ISSN: 2277-9655,3(2) pp593-599
15. S.Narasimha Kumar(2014)"Comparative Studies On Exhaust Emissions From Two Stroke Copper Coated Spark Ignition Engine With Alcohol Blended Gasoline With Catalytic Converter". Asian Academic Research Journal Of Multidisciplinary (AARJMD) ISSN : 2319 – 2801Vol.1 Issue 19.
16. S.Narasimha Kumar (2014)" Experimental Investigation On Exhaust Emissions With Ceramic Coated Diesel Engine Using Linseed Oil Based Biodiesel". International Journal of Research in Engineering and Technology (IJRET) ISSN: 2319-1163 ISSN: 2321-7308, Volume: 03 Issue: 02 | Feb-2014.
17. S.Narasimha Kumar(2014)."Comparative Study Of Performance, Combustion And Exhaust Emissions Analysis Of Linseed Oil Based Biodiesel In A Ceramic Coated Diesel Engine". International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) TJPRC ISSN(P): 2249-6890; ISSN(E): 2249-8001 Vol. 4, Issue 2, Apr 2014, pp75-98.
18. S.Narasimha Kumar(2014)."Experimental Investigations on Performance Parameters of Ceramic Coated Diesel Engine with Linseed Oil Biodiesel" International Journal of A dvanced Mechanical Engineering. ISSN 2250-3234. Vol.4, Number 1, pp. 63-84.
19. S.Narasimha Kumar(2014)Comparative Studies on Exhaust Emissions and Combustion Characteristics with Ceramic Coated Diesel Engine with Linseed Oil Based Biodiesel". International Journal of Current Engineering and Technology (IJCET) E-ISSN 2277 – 4106, P-ISSN 2347 - 5161 April 2014,pp 954-962. (Impact Factor:2.523)
20. S.Narasimha Kumar(2014)"Impact of Fixed Injection Timing on Exhaust Emissions with Ceramic Coated Diesel Engine Using Linseed Oil Based Biodiesel" International Journal Of Engineering Sciences & Research Technology(IJESRT) ISSN: 2277-9655,3(4) pp5032-5039 (Impact Factor: 1.852)
21. S.Narasimha Kumar (2014)" Experimental Investigation On Exhaust Emissions With Ceramic Coated Diesel Engine Using Linseed Oil Based Biodiesel". International Journal of Research in Engineering and Technology (IJRET) ISSN: 2319-1163 ISSN: 2321-7308 ,Volume: 03 Issue: 02 | Feb-2014.
22. S.Narasimha Kumar(2014"Experimental Investigation of Two Stroke Copper Coated Spark Ignition Engine with Gasoline and Gasohol" International Journal of Emerging Science and Engineering (IJESE) ISSN: 2319–6378, Vol.2, Issue-5.(Impact Factor:1.0)
23. S.Narasimha Kumar(2014)"Comparative Studies On Exhaust Emissions From Two Stroke Copper Coated Spark Ignition Engine With Alcohol Blended Gasoline With Catalytic Converter". Asian Academic Research Journal Of Multidisciplinary (AARJMD) ISSN : 2319 – 2801 Vol.1 Issue 19
24. S.Narasimha Kumar(2014) "Investigations on Performance Parameters with fixed injection timing of Ceramic Coated Diesel Engine with Linseed Oil Biodiesel." International Journal for Advance Research in Engineering And Technology (IJARET) Vol. 2, Issue III, ISSN 2320-6802, (Scopus indexed)
25. S.Narasimha Kumar(2014)."Effect Of Ethanol–Gasoline Blends On Engine Performance Parameters In Copper Coated Two Stroke Spark Ignition Engine". International Journal of Scientific Engineering and Technology (IJSET) ISSN: 2277-1581) Vol.3 Issue No.4, pp 316-319.
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27. S.Narasimha Kumar(2014)."Comparative Study Of Performance, Combustion And Exhaust Emissions Analysis Of Linseed Oil Based Biodiesel In A Ceramic Coated Diesel Engine". International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) TJPRC ISSN(P): 2249-6890; ISSN(E): 2249-8001 Vol. 4, Issue 2, Apr 2014, pp75-98.
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34. S.Narasimha Kumar(2018)"Performance and exhaust emissions analysis of Ceramic Coated Diesel Engine with Linseed Oil Biodiesel" International Journal Of Creative Research Thoughts(IJCRT) ISSN:2320-2882 volume.6 issue 1
35. S. Narasimha Kumar(2018)"Performance And Emissions Characteristics Of Two Stroke Copper Coated Spark Ignition Engine With Alcohol Blended Gasoline With Catalytic Converter" International Journal of Recent Innovation in Engineering and Research (IJRIER)Vol. 03 Issue: 03 March ,2018
36. S.Narasimha Kumar(2018)Performance Parameters And Combustion Characteristics Of Ethanol–Gasoline Blends in modified Two Stroke Spark Ignition Engine International Journal Of Creative Research Thoughts(IJCRT) ISSN:2320-2882 volume.6 issue 1
37. S.NarasimhaKumar(2018)Experimental Investigation Of The Performance And Emission Characteristics Of Gasoline And Gasohol in Modified Two Stroke Spark Ignition Engine (JETIR) ISSN-2349-5162 Vol.5, Issue 4, April 2018
38. S.Narasimha Kumar (2018) "Control of exhaust emissions from copper coated spark ignition engine with butanol blended gasoline with catalytic converter with different catalysts", Pollution Research, ISSN:: 0257-8050, December, 37(4),278-282. (Scopus indexed)
39. S.Narasimha Kumar (2019) "Experimental Investigation on SI Engine Emissions via EGR and Catalytic Converter with Air Injection Mechanism" Journal of Mechanical Engineering(JME) ,April Vol 16 (1), 33-46(Scopus indexed)
40. S.NarasimhaKumar(2019,)"Experimental Investigations On Performance Parameters Of Ceramic Coated Diesel Engine With Linseed Oil Biodiesel" JETIR (ISSN-2349-5162) June 2019, Volume 6, Issue 6 (UGC approved journal)
41. S.Narasimha KumarExperimental Study of the Effects of Biodiesel on the Performance of a Ceramic Coated diesel engine1.2020 IJCRT | Volume 8, Issue 6 June 2020 | ISSN: 2320-2882.
42. S.Narasimha Kumar "Performance of Catalytically Activated Two Stroke SI Engine with Alternate Fuels with Catalytic Converter"International Journal of Scientific Research and Engineering Development-– Volume 3,Issue 4,June 2020

National Journal

1. K.Kishor,M.V.S.Murali Krishna, A.V.S.S.K.S.Gupta, S.Narasimha Kumar and D.N.Reddy. (2010).Emissions from copper coated spark ignition engine with methanol blended gasoline with catalytic converter. Indian Journal of Environmental Protection, ISSN: 0972-6101, 30(3), 177-183.
2. M.V.S. MuraliKrishna, K.Kishor, A.V.S.S.K.S.Gupta, S.Narasimha Kumar and D.N.Reddy. (2010). "Control of pollutants from copper coated spark ignition engine with gasohol". Pollution Research, ISSN: 02578050, 29(3),391-395.
3. M.V.S.Murali Krishna, K.Kishor, A.V.S.S.K.S.Gupta, S.Narasimha Kumar and D.N.Reddy.(2010)."Investigations on reduction of carbon monoxide in spark ignition engine with gasohol with catalytic converter". Environment, Ecology and Conservation, **ISSN**: 0971-765X, 16(3), 389-393.

International Conferences

1. S**.**Narasimha Kumar (2014)"Studies on exhaust emissions from two stroke copper coated spark ignition engine with alcohol blended gasoline with catalytic converter" International Conference on Advances in Mechanical Sciences" (ICAMS-2014) .Vardaman college of Engineering ,Shamshabad,Hyderabad,09-11,January 2014
2. S.Narasimha Kumar(2014)"Studies on Performance, Combustion and Exhaust Emission Characteri stics of Copper Coated Two Stroke Spark Ignition Engine with Alcohol Blended Gasoline" The International Conference On Advances in Mechanical, Aeronautical and Production Techniques - MAPT 2014. Kuala Lumpur, Malaysia during 02-03 August, 2014. ISBN: 978-1-63248-008-8 doi: 10.15224/ 978-1-63248-008-8-81

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1. S.Narasimha Kumar (2006)"Thermal integration of Trigeneration system using biomass gasifier" Trends in Mechanical engg,Time-2006,KITS,Warangal.
2. S.Narasimha Kumar(2007)"Tri-generation" National Symposium on Emerging Trends in Mechanical Engineering &Technoheights At Dept. Of Mechanical Engg.,Vignan Institute ofTechnology & Science.Hyderabad
3. S.Narasimha Kumar(2018)"Experimental Measurements On Exhaust Emissions On Modified Two Stroke Spark Ignition Engine With Alcohol Blended Gasoline Using Catalytic Converter. National Conference on Advances in Mechanical Engineering and Nanotechnology (NCAMENT2018), 29-30 June, 2018, MED, University College of Engineering, Osmania University, Hyderabad, TS.