Profile Page



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Research Interests:

Thermal Polygeneration, Hybrid Energy Systems, Motorless Solar Tracking, Conducting exergy scrutinizing, Industrial Waste Heat Recovery, Thermal Desalination, Solar Cooling, Advanced Combined Cycle Systems, and Kalina Plants.

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ResearchGate Click Here

Journal Publications:

Year	Journal	Publication

2022	Journal of Energy Storage, 48,	Kumar, R., Mitra, A. and Srinivas, T., Role of nano-additives in the
	p.104059 (SCI, Q1,	thermal management of lithium-ion batteries: A review
	doi.org/10.1016/j.est.2022.104059)	
2022	Heat Transfer (https://doi.org/10.1002/htj.22558).	Shaik, V.B. and Tangellapalli, S., Design and simulation of water?cooled dehumidifier for HDH desalination plant
2022	International Journal of Exergy, 37(1), pp.40-56 (SCI, Q2, doi:10.1504/IJEX.2022.120107 doi.org/10.1016/j.enconman.2021. 114472).	Srinivas, T., Exergy analysis of a HDH-VCR cycle for water and air conditioning
2022	International Journal of Environment and Sustainable Development, 21(3), pp.270-284.	Shankar, R., Srinivas, T. and Franco, W.R.G., 2022. Experimental investigation on cooling cogeneration plant for low temperature waste heat recovery process
2022	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 44(3), pp.6281-6302.	Saxena, A. and Tangellapalli, S., 2022. Performance analysis of solar-powered integrated desalination and air conditioning system.
2021	IET Renewable Power Generation. (SCI, Q2, DOI: 10.1049/rpg2.12155)	Ganesh, N.S., Maheswari, G.U., Srinivas, T. and Reddy, B.V., Performance assessment of a novel power generation system
2021	Energy Conversion and Management, 244, p.114472 (SCI, Q1, https://doi.org/10.1016/j.enconman .2021.114472)	Tangellapalli, S., Humidification-dehumidification and heat pump integration for water purifier and air conditioning
2020.	Thermal Science and Engineering Progress, 20, p.100744.	Shankar, R., Srinivas, T., Anand, B., Murugavelh, S. and Rivera, W., Design and analysis of cooling co-generation cycle using aqua-ammonia as working fluid
2020	Advances in Energy Research, Vol. 1 (pp. 125-137). Springer, Singapore	Anand, B. and Srinivas, T., Cogeneration of Power and Desalination Using Concentrated Photovoltaic/Thermal Humidification and Dehumidification System
2020	Energy Reports, 6, pp.2697-2712.	Maheswari, G.U., Ganesh, N.S., Srinivas, T. and Reddy, B.V., Thermoeconomic investigation on advanced Kalina power generation system
2020	International Journal of Precision Engineering and Manufacturing-Green Technology, pp.1-24.	Ganesh, N.S., Maheswari, G.U., Srinivas, T. and Reddy, B.V., Exergoeconomic Analysis of a Novel Zeotropic Mixture Power System
2019	Progress in Industrial Ecology – An International Journal, 13(3), pp.280-291.	Chiranjeevi, C., Srinivas, T., Amrit Raj and Shankar R, Experimental investigation on a coconut coir packed humidifier for a solar desalination plant
2019	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 41(3), pp.298-308.	Ganesh, N. S., and Srinivas, T., Nuclear energy-driven Kalina cycle system suitable for Indian climatic conditions
2019	Energy and Environment, 30(7), 1190–1205, SAGE publications	Ganesh, N.S., Srinivas, T., Uma Maheswari, G., Mahendiran, S. and Manivannan D, Development of optimized energy system
2019	Desalination and Water Treatment, 156: 136–147	Anand, B., Shankar, R., Srinivas, T., Murugavelh, S., Performance analysis of combined two stage desalination and cooling plant with different solar collectors
2019	Desalination and Water Treatment, 156: 148-160.	Chiranjeevi, C. Srinivas, T. and Shankar R, Experimental investigation on a hybrid desalination and cooling unit using humidification-dehumidification technique
2018	I J of Refrigeration 91: 146-157	Shankar, R., Srinivas, T., Novel cooling augmented cogeneration cycle

2018	I J of Refrigeration 86: 163-185	Shankar, R., Srinivas, T., Performance investigation on Kalina cooling
2016	1 J of Kenngeration 80. 103-183	cogeneration cycle
2018	Applied Solar Energy, 54(3),	Samuel, V., Srinivas, T. and Reddy, B.V., Effect of Inlet Air Humidity on
2010	213-219.	Performance of Solar Hybrid Combined Cycle Power Plant.
2018	Applied Solar Energy 54(1),	Shankar, R., Srinivas, T., Reddy, B.V., Investigation of Solar Cooling
	65-70.	Cogeneration Plant
2017	Renewable and Sustainable Energy	Pradeep Varma, G.V. and Srinivas, T. Power generation from low
	Reviews 75C: 402-414.	temperature heat recovery
2017	Applied Solar Energy 53(3):	Shankar, R., Srinivas, T., Reddy, B.V., Thermodynamic evaluations of
	84-93.	solar cooling cogeneration using NaSCN-NH3 mixture
2017	Applied Solar Energy 53(3):	Anand, B., Srinivas, T., Performance evaluation of photovoltaic/thermal
	243-249.	HDH desalination system
2017	Proceedings of the Institution of	Natarajan, M. and Srinivas, T. Design and analysis of a gravity based
	Mechanical Engineers, Part C:	passive tracking mechanism to a linear solar concentrating collector
	Journal of Mechanical Engineering	
2017	Science 231(13): 2503-2514.	
2017	I J of Refrigeration, 80: 106–119.	Chiranjeevi, C and Srinivas, T. Augmented desalination with cooling integration
2017	ASCE J of Energy Engineering,	Pradeep Varma, G.V. and Srinivas, T. Power augmented steam power
2017	143(1): 1-12.	plant in a cogeneration cement factory
2017	Applied Solar Energy 53(1):	Shankar, R, and Srinivas, T. Cooling cogeneration cycles
2017	61–71.	Shankar, 12, and Shinivas, 1. Cooling Cogeneration Cycles
2017	Renewable Energy, 105: 312-323.	Natarajan, M. and Srinivas, T. Experimental and simulation studies on a
		novel gravity based passive tracking system for a linear solar
		concentrating collector
2017	ASME Journal of Thermal Science	Suraj, M. Chiranjeevi, C., Srinivas, T and ThundilKarupparaj R.,
	and Engineering Applications 9:	Experimental and CFD studies on dehumidifier in a combined cooling
	1-9.	and desalination plant
2016	Alexandria Engineering Journal	Chiranjeevi, C and Srinivas, T., Influence of vapor absorption cooling on
	55(3): 1961–1967.	humidification-dehumidification (HDH)
2016	Journal of Power Technologies 96	Pradeep Varma, G.V. and Srinivas, T. Comparative study on steam flash,
	(2): 81–91.	organic flash and Kalina for enhanced power generation from waste heat
2015	Int. I. Engage Tachagla are and	Shoulan Consol, N. and Scinivas T. Franco officient navon agreeation
2015	Int. J. Energy Technology and Policy 11(4): 358-370.	Shankar Ganesh, N. and Srinivas, T. Energy efficient power generation systems at low and medium heat recoveries
2015	Applied Solar Energy 51(4):	Natarajan, M, and Srinivas, T. Study on solar geometry with tracking of
2013	274–282.	collector
2015	Int. J. Energy Technology and	Shankar Ganesh, N. and Srinivas, T. Exergy analysis of energy efficient
2016	Policy 11(3): 234-245.	power generation system
2015	Desalination 376(16):9-16.	Chiranjeevi, C and Srinivas, T. Experimental and simulation studies on
	` ,	two stage humidification-dehumidification desalination and cooling plant
2015	Case Studies in Thermal	Pradeep Varma, G.V. and Srinivas, T. Design and analysis of a
	Engineering 5, 24-31.	cogeneration plant using heat recovery of a cement factory
2015	International Journal of Green	Srinivas, T. Reddy, B.V. and Gupta, A.V.S.S.K.S. Thermal performance
	Energy 12, 585–594.	of biomass plant with triple generation system
2014	Proceedings of the Institution of	Shankar, R. and Srinivas, T. Coupled cycle with Kalina cycle system and
	Mechanical Engineers, Part A:	vapor absorption refrigeration, Proceedings of the Institution of
	Journal of Power and Energy 228	Mechanical Engineers,
201:	(8), 953-964.	
2014	Sadhana - Academy Proceedings	Shankar, R. and Srinivas, T. Development and analysis of a new
	in Engineering Sciences 39(6),	integrated power and cooling plant using LiBr-H2O mixture
	1547–1562.	

2014	International Journal of Energy	Srinivas, T. and Reddy, B.V. Comparative studies of augmentation in
	Research 38(9):1201-1213.	combined cycle power plants
2014	Energy Conservation and	Srinivas, T. and Reddy, B.V. Study on power plants arrangements for
	Management 85(C):7-12.	integration
2014	Desalination 345(15):56-63.	Chiranjeevi, C and Srinivas, T. Combined Two Stage Desalination and Cooling Plant
2014	ASME Journal of Solar Energy	Shankar, R. and Srinivas, T. Investigation on operating processes for a
	Engineering 136(3):1-10.	new solar cooling cogeneration plant
2014	ASME Journal of Energy	Srinivas, T. and Reddy, B.V. Thermal optimization of a solar thermal
	Resources Technology	cooling cogeneration plant at low temperature heat recovery,
	136(2):1-10.	
2014	Case Studies in Thermal	Srinivas, T. and Reddy, B.V. Hybrid solar-biomass power plant without
	Engineering 2(C): 75-81.	energy storage
2014	Thermal Science	Shankar Ganesh, N. and Srinivas, T. Processes development for high
	18(s2):s393-s404.	temperature solar thermal Kalina power station
2013	ASME Journal of Solar Energy	Shankar Ganesh, N. and Srinivas, T. Power augmentation in a Kalina
	Engineering, 135(3): 1-10.	power station for medium temperature low grade heat
2013	ASCE Journal of Energy	Shankar Ganesh, N. and Srinivas, T. Thermodynamic assessment of heat
	Engineering 139(2): 99-108.	source arrangements in Kalina power station
2012	ASME Journal of Energy] Srinivas, T. Reddy, B.V. and Gupta, A.V.S.S.K.S. Thermal performance
	Resources Technology, 134(2):	prediction of a biomass based integrated gasification combined cycle
	1-9.	plant
2012	Applied Energy 91(1): 180-186.	Shankar Ganesh, N. and Srinivas, T. Design and modeling of low
		temperature solar thermal power station.
2012	International Journal of Energy	Srinivas, T. and Vignesh, D. Performance enhancement of GT-ST power
	Technology and Policy 8(1):	plant with inlet air cooling using lithium bromide/water vapor absorption
2011	94-107.	refrigeration system,
2011	International Journal of Energy	Sreeramulu, M., Gupta A.V.S.S.K.S. and Srinivas T., Exergy analysis of
	Technology and Policy, 7(5/6), 469-488.	gas turbine – solid oxide fuel cell-based combined cycle power plant
2011	Proceedings of the Institution of	Srinivas, T. Reddy, B.V. and Gupta, A.V.S.S.K.S. Biomass fueled
	Mechanical Engineers, Part A:	integrated power and refrigeration system
	Journal of Power and Energy 225	
	(3), 249-258, Professional	
	Engineering Publishing.	
2011	International Journal of	Srinivas, T. Reddy, B.V. and Gupta, A.V.S.S.K.S. Parametric simulation
2010	Thermodynamics 14(1): 29-36.	of combined cycle power plant: A case study,
2010	Sadhana - Academy Proceedings	Srinivas. T. Thermodynamic modeling and optimization of a dual
	in Engineering Sciences 35 (5):	pressure reheat combined power cycle
2000	597-608, Springer Publications.	Criminas T. Crimta. A. V. C. C. V. C. and Daddy. D. V. Tharmadamania
2009	ASME Journal of Energy	Srinivas, T. Gupta, A.V.S.S.K.S. and Reddy, B.V. Thermodynamic
2009	Resources Technology, 131(3):1-7. Energy 34(9): 1364-1371.	equilibrium model and exergy analysis of a biomass gasifier Srinivas,T. Study of a deaerator location in triple pressure-reheat
2009	Ellergy 34(9). 1304-1371.	combined power cycle
2009	Energy for Sustainable	Srinivas, T. Gupta, A.V.S.S.K.S. and Reddy, B.V. Carbon dioxide
2009	Development, International Energy	emission reduction from combined cycle with partial oxidation of natural
	Initiative 13(1): 33-37.	gas.
		I Sub.
2008		
2008	Cogeneration and Distributed] Srinivas, T. Gupta, A.V.S.S.K.S. and Reddy, B.V. Thermodynamic
2008		

2008	Cogeneration and Distributed	Srinivas, T. Gupta, A.V.S.S.K.S. and Reddy, B.V. Performance
	Generation Journal 23(1):6-20,	simulation of combined cycle with Kalina bottoming cycle.
	The Association of Energy	
	Engineers Press, Taylor & Francis	
	Group.	
2008	Journal of Scientific and Industrial	Srinivas, T., Gupta, A.V.S.S.K.S. and Reddy, B.V. Thermodynamic
	Research 67(10): 827-834.	modeling and optimization of multi-pressure heat recovery steam
		generator in combined power cycle
2007	Proceedings of the Institution of	Srinivas, T. Gupta, A.V.S.S.K.S. and Reddy, B.V. Parametric simulation
	Mechanical Engineers, Part A:	of steam injected gas turbine combined cycle
	Journal of Power and Energy 221	
	(7): 873-883.	
2007	International Journal of	Srinivas, T. Gupta, A.V.S.S.K.S. and Reddy, B.V. Generalized
	Thermodynamics 10(4): 177-185.	Thermodynamic Analysis of Steam Power Cycle with 'n' number of
		Feedwater Heaters
2007	Journal of the Institution of	Srinivas, T., and Gupta, A.V.S.S.K.S. Thermodynamic analysis of
	Engineers (India): Mechanical	Rankine cycle with generalization of feed water heaters
	Engineering Division 87 (JAN.):	
	56-63.	
2006	International Journal of Energy	Srinivas, T. Gupta, A.V.S.S.K.S. and Reddy, B.V. and Nag, P.K.
	Research 30(1): 19-36.	Parametric analysis of a coal based combined cycle power plant

Conference Publications:

Year	Conference	Publication
2022	Two-day International Conference on Net-zero	Srinivas, T., Rajan Kumar, Shivam Tiwari and
	Emission Technologies for Sustainable Development:	Parmvir Singh, 2022, Geometrical design of a solar
	Challenges and Opportunities (N0ET – 2022), IIT	concentrating collector with a motorless tracking
	Dhanbad,	mechanism, December 12-13, 2022.
2022	International conference (RAiSE 2022)	Deepak Singh, Tangellapalli Srinivas and Rajeev
		Kukreja, 2022. Performance Investigation of the
		Ejector Humidification-Dehumidification Cycle for
		Fresh Water and Cooling Generation" I, 26-27
		February, 2022, Shobhit University Gangoh Uttar
		Pradesh, India.
2021	Theoretical, Computational, and Experimental	Chiranjeevi, C., Sekhar, Y.R., Natarajan, M., Srinivas,
	Solutions to Thermo-Fluid Systems: Select	T., Hashemian, M. and Aditya, V., Exergy Studies on
	Proceedings of ICITFES 2020, p.275. Proceedings of	a Hybrid Desalination and Cooling Plant
	the International Conference on Innovations in	
	Thermo-Fluid Engineering and Sciences [ICITFES -	
	2020] NIT Rourkela, India, 10-12 February 2020).	
2020	National Webinar on Innovations in ODL for Quality	Srinivas Tangellapalli, Subbarao Chamarthi and
	Education-2020, National Centre for Innovation in	Akash Saxena, Assessment of Course Outcomes and
	Distance Education Indira Gandhi National Open	Programme Outcomes using Computer Programming
	University (IGNOU), New Delhi,14-15 October 2020,	
2018	International conference on Desalination	Shankar, R. Chiranjeevi C. and Srinivas T.,
	(InDACON-2018), National Institute of Technology,	Experimental Studies on a Hybrid Desalination and
	Tiruchirapalli, India, 20th and 21st April 2018.	Cooling Plant
2018	International conference on Desalination	Anand, B. and Srinivas T., Combine Power, Cooling
	(InDACON-2018), National Institute of Technology,	and Desalination using Concentrated
	Tiruchirapalli, India, 20th and 21st April 2018. (Won	Photovoltaic/Thermal System
	best paper award).	

2017	6th International Conference on Advances in Energy	Anand B and Srinivas T., Process Integration:
	Research 2017, IIT Bombay, December 12–14, 2017.	Combined Power and Desalination using
	,	CPV/T-HDH System
2017	International conference on Trends and Advanced	Shankar R and Srinivas T., Investigation of Solar
2017	Research in Green Energy Technologies,	Cooling Cogeneration Plant
	ICTARGET-2017, VIT University, Vellore, 30-31	Cooling Cogeneration Figure
	March 2017.	
2016	ICCMEET-2016, SVS College of Engineering,	Chiranjeevi C. and Srinivas T., Parametric study on a
2010	Coimbatore, TN, India, February 26-27, 2016	two stage humidification and dehumidification
	2021104110210, 211, 2110411, 20210411, 20210	desalination plant
2015	International Conference on Advanced in Energy	Kalidasan B, Shankar R, Srinivas, T., Priyank
	Research (ICAER 2015), IIT Bombay, India, 15-17	Agarwal, Absorber tube with internal hinged blades
	December, 2015.	for solar parabolic trough collector.
2015	International Conference on Advanced in Energy	Shankar R, Srinivas, T., Comparison Study of
2012	Research (ICAER 2015), IIT Bombay, India , 15-17	Aqua-Ammonia and LiBr-Water Solar Cooling
	December, 2015.	Cogeneration Cycle
2015	International Conference on Advanced in Energy	Chiranjeevi C, Srinivas, T., Experimental studies on a
	Research (ICAER 2015), IIT Bombay, India , 15-17	combined two stage desalination and cooling plant
	December, 2015.	como mos two stage desamation and cooling plant
2015	International Conference on Advanced in Energy	Pradeep Varma, G.V., Srinivas, T., Investigation on
	Research (ICAER 2015), IIT Bombay, India , 15-17	optimum steam flushing pressure in a cogeneration
	December, 2015.	cement factory
2015	IEEE International Conference on Emerging in	Shankar, R. and T. Srinivas, Analysis of new cooling
	Science, Engineering, Business and Disaster	cogeneration cycle using aqua-ammonia
	Management ICBDM 2015, 27-28 February, 2015,	January Santana
	Noor Islam University, Nagercoil, Tamilnadu, India,	
	pp.26	
2015	International Conference on Renewable Energy and	Chiranjeevi C., Srinivas T. and Ashutosh Singh,
	Sustainable Environment RESE 15, Dr. Mahalingam	'Effect of cooling system on the performance of
	College of Engineering and Technology,	dehumidifier in a desalination plant'
	Pollachi-642003, India. August 10-13, 2015.	
2015	International Conference on Renewable Energy and	Shankar, R. and Srinivas T. LiBr-Water Single Effect
	Sustainable Environment RESE 15, Aug 10-13,	Double Power Solar Combined Power and Cooling
	Dr.Mahalingam Engineering College, Pollachi, 1-6.	Cycle
2015	Proceedings of TC-IFES, CLRI, May 1 & 2, Chennai,	Shankar, R. and Srinivas T. LiBr-water single effect
	pp.81.	double power combined power and cooling cycle
2015	Proceedings of ICBDM, Feb 27&28, Noor Islam	Shankar, R. and Srinivas T. Analysis of new cooling
	University, pp.26.	cogeneration cycle using aqua-ammonia
2015	Proceedings of TC-IFES, CLRI, May 1 & 2, Chennai,	Kalidasan B, R. Shankar and Srinivas T. Experimental
	pp.79.	study on power generation using solar & biomass
		hybrid
2015	2nd International Conference on Bioenergy	Shankar, R. and Srinivas T. Parametric investigation
	Environment and Sustainable Technologies	on aqua-ammonia based cooling cogeneration plant
	(BEST2015), Jan 28-31, Arunai Engineering College,	
	Thruvanamalai, pp.53.	
2015	International Conference on Advanced in Energy	Natarajan M, Srinivas, T., Optimization of incidence
	Research (ICAER 2015), IIT Bombay, India, 15-17	angle for the solar tracker in single and dual axis
	December, 2015.	mode for year around operations
2014	International Conference on Advances in Mechanical	Srinivas, T., Reddy, B.V., and Shankar, R., Cooling
	Engineering, Energy Systems and Sustainability	cogeneration systems
	LAGANERA COLO INIGERA	1
	(ICAMES – 2014), LNCT Group Institutions,	

2014	International Conference on Green Technology for	Chiranjeevi, C., Srinivas, T., Shankar, R.,
	Environmental Pollution Prevention and control	Thermodynamic analysis of two stage solar
	(ICGTEPC 2014), Department of Chemical	humidification dehumidification desalination system
	Engineering, National Institute of Technology	
	Tiruchirappalli (NITT), India, 27th – 29th September	
	2014.	
2014	International Conference on Green Technology for	Kalidasan, B., Srinivas, T. Thermal study on indirect
	Environmental Pollution Prevention and control	heating solar flat plate collector with a focus on
	(ICGTEPC 2014), Department of Chemical	number of transparent covers and its refractive index
	Engineering, National Institute of Technology	•
	Tiruchirappalli (NITT), India, 27th – 29th September	
	2014, p.229.	
2014	10th International Conference on Heat Transfer, Fluid	Kumara Swami Gupta, A.V.S.S., Kolar Deepak,
	Mechanics and Thermodynamics, HEFAT2014,	Srinivas, T., Thermodynamic Modelling and Analysis
	Orlando, Florida (USA), 14-16 July, 2014.	of Low Temperature Kalina Cycle System for
		Geothermal Sources of India
2014	International Conference on Modeling Optimization	Shankar, R., Srinivas, T. Integration of Solar Thermal
	and Computing 2014, April, 10-11, 2014 (ICMOC	Based Power and Cooling Cycle with 50:50 Power
	2014), NICHE, Kumaracoil, Thuckalay, South India	Mass Split Ratio
	(Won best paper award).	The spiritums
2014	International Conference on Modeling Optimization	Raj Kumar, P., Shankar, R., Srinivas, T. Economic
	and Computing 2014, April, 10-11, 2014 (ICMOC	Analysis of Solar Collector with Different Thermic
	2014), NICHE, Kumaracoil, Thuckalay, South India.	Fluids of LiBr-Water Vapour Absorption
	2011), 112012, 120110100011, 1100101101, 200011 110101	Refrigeration System
2013	4th International Conference on Advances in Energy	Shankar, R., Srinivas, T. Combined Power and
2015	Research, IIT Bombay, December 2013, pp 398-402.	Cooling using Aqua-Ammonia Vapor Absorption
	2010, pp 050 1021	Refrigeration System
2013	4th International Conference on Advances in Energy	Shankar, R., Rajkumar, P., Srinivas, T. Energy and
	Research, IIT Bombay, December 2013, pp	Exergy Analyses of LiBr-Water Double Solar Vapor
	1132-1140	Absorption Refrigeration System Coupled Using
		Condenser
2013	International Conference on Energy Efficient	Srinivas, T., Reddy, B.V., Natarajan, R. and Sriram, S.,
	Technologies for Sustainability" (ICEETS 2013), 10th	Thermodynamic and heat transfer studies on solar
	- 12th April 2013, St. Xavier's Catholic College of	Stirling engine
	Engineering, Nagercoil, India.	
2013	2nd International Conference on Emerging Trends in	Venkata Ramayya Naidu, K., Srinivas, T., Mahesh
	Engineering & Technology, April 12, 13, 2013	Babu., G., Design and Analysis of Biogas generation,
	College of Engineering, Teerthanker Mahaveer	Purification and Power generation from Cattle and
	University, India.	Agricultural wastes – A case study
2012	8th International Symposium on Fuels and Lubricants,	Srinivas, T. and Natarajan, R., Kinetic study and
	New Delhi, March 5-7, 2012, India.	production of biogas using withered flowers in
	, , ,	comparison with waste vegetables and its application
2012	International Symposium On 'Recent Advances in	Srinivas, T. Integrated energy systems
	Integrated Energy and Energy Conservation	
	(RAIEEC-2012)' 19th & 20th, December 2012,	
	JNTU, Hyderabad.	
2012	2nd International Conference on Advances in	Sreeramulu. M., A.V.S.S.K.S. Gupta and Srinivas, T.,
	Mechanical, Manufacturing and Building Sciences,	Thermodynamic performance analysis of integrated
	1	pressurized fuel cell-gas turbine combined cycles for
	Vellore.	1-
2011		Shankar. R, Srinivas, T., Performance upgradation of
2 	1	1
	333, 233, 231.	
2011	Mechanical, Manufacturing and Building Sciences, ICAMB-2012, January 09-11, 2012, VIT University,	Thermodynamic performance analysis of interpressurized fuel cell-gas turbine combined cypower generation

2011	Transfer of the second of the	G:: T. D. 11 D.V. 1.G. (AVGGVG
2011	International Conference on Futuristic Trends in	Srinivas, T., Reddy, B.V., and Gupta, A.V.S.S.K.S.,
	Materials & Energy Systems, FTME-2011, December	New Trends in GT-ST Hybrid Power Plants
	29-30, 2011, VR Siddartha Engineering College, Vijayawada.	
2011	International Conference on Futuristic Trends in	Shankar Ganesh. N., and Srinivas, T. Thermodynamic
2011	Materials & Energy Systems, FTME-2011, December	Optimization of A Solar Thermal Kalina Power
	29-30, 2011, VR Siddartha Engineering College,	Station for Low Temperature Heat Recovery
	Vijayawada.	Station for Low Temperature freat Recovery
2011	International Conference on Green Technology and	Shankar Ganesh, N. and Srinivas, T., Parametric
2011	Environmental Conservation (GTEC 2011)	analysis of eco friendly Kalina cycle
	Sathyabama University, Chennai, December 15-17,	analysis of ees intendity ranna eyele
	2011.	
2011	International Conference on Advances in Energy	Shankar Ganesh, N. and Srinivas, T., Exergetic
	Research (ICAER 2011), IIT Bombay, December	analysis of new Kalina cycle
	9-11, 2011.	
2011	International Conference on Advances in Energy	Shankar Ganesh, N. and Srinivas, T., Parametric
	Research (ICAER 2011), IIT Bombay, December	analysis of new Kalina cycle using MATLAB
	9-11, 2011.	
2011	ASME 9th International Conference on Fuel Cell	Sreeramulu, M., Gupta, A.V.S.S.K.S, and Srinivas,
	Science, Engineering and Technology, Paper No.	T., Energy and Exergy Analysis of Gas Turbine –
	FuelCell2011-54783, pp. 85-94, Washington, DC,	Fuel Cell Based Combined Cycle Power Plant
	USA, August 7–10, 2011, ISBN: 978-0-7918-5469-3.	
2011	Second International Conference on Recycling and	Srinivas,T., and Reddy, B.V., Biomass based
	Reuse of Materials, ICRM – 2011, 5, 6 & 7, August	integrated energy systems for power alone and
	2011, Mahatma Gandhi University, Kottayam, Kerala.	combined power and cooling
2011	Second International Conference on Recycling and	Reddy, B.V., and Srinivas, T., Role of biomass,
	Reuse of Materials, ICRM – 2011, 5, 6 & 7, August	municipal solid waste and other waste resources in
	2011, Mahatma Gandhi University, Kottayam, Kerala.	power generation and to reduce global warming
2011	International Conference on Global Manufacturing	Shankar Ganesh, N and Srinivas, T Simulation of
	and Management (ICGMSM 2011), CIT, Coimbatore,	power generation cycle suitable for low temperature
	August 1-3, 2011.	applications
2011	International Conference on Harnessing Technology,	Srinivas, T. Reddy, B.V., Gupta, A.V.S.S.K.S., and
	February 13th & 14th, 2011, Caledonian College of	Shankar Ganesh N., Design and Modeling of 5 kWe
2011	Engineering, Muscat.	solar thermal power station
2011	International Conference on Harnessing Technology,	Srinivas, T. Reddy, B.V. and Gupta, A.V.S.S.K.S.,
	February 13th & 14th, 2011, Caledonian College of	Integration of Hybrid power system using biomass
2011	Engineering, Muscat.	fuel
2011	Proceedings on International Conference on Thermal	Sreeramulu, M., Gupta, A.V.S.S.K.S. and Srinivas, T,
	Energy and Environment (INCOTEE 2011), 24-26	Exergy Analysis of Gas Turbine – Fuel cell based
2011	March 2011, Kalasalingam University, Krishnankoil.	combined Cycle Power Plant Shijo P.J., and Srinivas T., Experimental
2011	Proceedings on International Conference on Thermal Energy and Environment (INCOTEE 2011) 24-26	Development of Solar based Intermittent Vapour
	March 2011, Kalasalingam University, Krishnankoil.	Absorption Refrigeration Unit
2011	International Conference on "Thermal Energy and	Vignesh.D and Srinivas T., Integrated VAR System
2011	Environment (INCOTEE 2011), 24-26 March 2011,	for Performance Upgradation of CCP using Waste
	Kalasalingam University, Krishnankoil.	Heat Recovery
2011	International Conference on Thermal Energy and	Christy, C. and Srinivas, T., Experimental analysis of
-011	Environment (INCOTEE 2011), 24-26 March 2011,	glazing material on performance of solar flat plate
	Kalasalingam University, Krishnankoil.	collector
2010	International Conference on Novel Applications of	Shankar Ganesh. N. and Srinivas. T., Efficiency
_510	Nano Technology, Sep 29-Oct 1, 2010, Arunai Engg.	calculation of Kalina cycle using MatLab
	College, Tiruvannamalai.	The second of the second file second
	Conege, inuvannamana.	

2009	International Conference on Advances in Mechanical	Praveena. M., and Srinivas. T., Emission Reduction
	& Building Sciences in 3rd Millennium ICAMB 2009,	
	14-16 December, 2009, VIT University, Vellore.	Injection in a Natural Gas Fired Combined Cycle
		Power Plant - A Case Study
2009	International Conference on Advances in Mechanical	Gupta, A.V.S.S.K.S., Srinivas, T., and Reddy, B.V.,
	& Building Sciences in 3rd Millennium ICAMB 2009,	Study of partial oxidation of natural gas in combined
	14-16 December, 2009, VIT University, Vellore.	cycle
2009	International Conference on Advances in Mechanical	
	& Building Sciences in 3rd Millennium ICAMB 2009,	thermodynamic properties of ammonia-water mixture
	14-16 December, 2009, VIT University, Vellore.	
2009	Proceedings of the ASME 3rd International	
	Conference on Energy Sustainability, ICONE14, July	
	19-23, 2009, Westin St. Francis Hotel, San Francisco,	generator in a combined cycle power plant,
	CA, ES2009-90453.	
2009	The 2nd Thammasat University International	1 -
	Conference on Chemical, Environmental and Energy	
	Engineering Co-organized by Department of	combined cycle power generation
	Chemical Engineering, Tokyo Institute of	
	Technology, Japan, pp.135-144, March 3-4, 2009,	
2000	Bangkok, Thailand.	G AVGGWG GIVE TO 1D 11 DV
2008	Alternative Energy Symposium, Chicago, IL, October	1 •
	2nd & 3rd, 2008, The Center for Alternative Energy	
	Technology (CAET), American Science and	configurations based on thermodynamic simulation
2008	Technology, Chicago State University. International Conference on Recent advances in	Doddy D.V. Cymto, A.V.C.V.C. Dotto Dropped A.V.
2008		_
	Materials, VRSEC Vijayawada, pp.1 to13, July 3-4, 2008.	
	2006.	1
2008	19th National Heat and Mass Transfer Conference and	
2000	8th ISHMT/ ASME Heat and Mass Transfer	_
	Conference, JNTU Hyderabad, January 3-5, 2008.	gus power plant
2008	3 Day National Seminar on Applications of	nand Performance Up-grading Using Water/Steam Injection in a Natural Gas Fired Combined Cycle Power Plant - A Case Study Gupta, A.V.S.S.K.S., Srinivas,T., and Reddy, B.V. Study of partial oxidation of natural gas in combine cycle all Shankar Ganesh. N. and Srinivas.T. Evaluation of thermodynamic properties of ammonia-water mix up to 100 bar for power application systems Gupta, A.V.S.S.K.S., Srinivas,T. and Reddy, B.V. Study of multi-pressure effect in heat recovery ste generator in a combined cycle power plant, Gupta, A.V.S.S.K.S., Srinivas,T. and Reddy, B.V. Thermodynamic analysis of hydrogen fueled combined cycle power generation Gupta, A.V.S.S.K.S., Srinivas,T., and Reddy, B.V. Comparative study of different combined cycle configurations based on thermodynamic simulation Reddy, B.V. Gupta, A.V.S.S.K.S. Ratna Prasad, A and Srinivas,T. The role of advanced materials and innovative designs for sustainable energy systems reduced global warming Srinivas,T., Gupta, A.V.S.S.K.S. and Reddy, B.V. Second law analysis of zero emission gas power p Srinivas,T. Optimum performance of a combined cycle power plant with simulation at part loads Srinivas,T., Gupta, A.V.S.S.K.S. and Reddy, B.V. Emission reduction with partial oxidation of natur gas in combined cycle Srinivas,T., Gupta, A.V.S.S.K.S. and Reddy, B.V. Thermodynamic analysis of partial combustion of natural gas for hydrogen production to reduce emissions from combined cycle Gupta, A.V.S.S.K.S. Srinivas, T. and Reddy, B.V. Second law simulation of triple cycle power generation
	Optimization Techniques in Mechanical Engineering	
	sponsored by AICTE, Gudlavalleru Engineering	
	College, Gudlavalleru, January 18-20, 2008.	
2007	International Conference on Advances in Energy	Srinivas.T. Gupta. A.V.S.S.K.S. and Reddy. B.V.
	Research, IIT Bombay, pp.717-723, December 12-14,	Emission reduction with partial oxidation of natural
	2007.	gas in combined cycle
2007	International Conference & XX National Conference	Srinivas, T., Gupta, A.V.S.S.K.S. and Reddy, B.V.
	on IC Engines and Combustion, JNTU Hyderabad,	Thermodynamic analysis of partial combustion of
	pp.148-154, December 6-9, 2007.	
		Ÿ
2006	International Conference on Fluid and Thermal	Gupta, A.V.S.S.K.S. Srinivas, T. and Reddy, B.V.
	Energy Conversion 2006 Jakarta, Indonesia, pp.187-1	
_	to 11, December 10-14, 2006.	15
2006	18th National Heat and Mass Transfer Conference and	
	7th ISHMT/ ASME Heat and Mass Transfer	of coal gasifier and gas turbine combustion chamber
	Conference, IIT, Guwahati, pp.1847-1854, January	
200 -	4-6, 2006.	
2006	National Conference on State of the Art of	1
	Technologies in Mechanical Engineering	,
	(NCSAME-2006), JNTU college of Engineering,	station
	Hyderabad, May 5-6, 2006.	

2006	National Conference on Emerging Trends in	Srinivas, T. Gupta, A.V.S.S.K.S. and Ravindra Babu,
	Mechanical Engineering – ETIME 2006, BMSCE,	P. Generalized mathematical model for
	Bangalore, February 10-11, 2006.	thermodynamic analysis of Rankine cycle with
		reheating and regeneration
2004	17th National Heat and Mass Transfer Conference and	Srinivas,T. Gupta, A.V.S.S.K.S. Reddy, B.V. and
	6th ISHMT/ ASME Heat and Mass Transfer	Nag, P.K. Second law analysis of a coal based
	Conference, Indira Gandhi Centre for Atomic	combined cycle power plant
	Research (IGCAR), Kalpakam, pp.973-978, January	
	5-7, 2004.	
2004	National Conference on State of the Art of	Srinivas, T. and Gupta, A.V.S.S.K.S. Exergy Analysis
	Technologies in Mechanical Engineering'	of co-generation power cycle
	(NCSAME-2004), JNTU college of Engineering,	
	Hyderabad, pp.305-312, June 29-30, 2004.	
2004	National Conference on Design, Simulation and	Srinivas, T. Gupta, A.V.S.S.K.S. and Ravindra Babu,
	Modeling of Mechanical Systems, JNTU college of	P. Thermodynamic analysis of Rankine cycle with
	Engineering, Kakinada, pp.191-195, May 7-8, 2004.	feed water heaters
	8th International Conference on Advances in Energy	S. Mishra, T. Srinivas, A. Trehan, P. Singh, 2022.
	Research (ICAER 2022)	Thermal analysis of multi reflector compound
		parabolic collector (MRCPC), 7-9. July, 2022. Indian
		Institute of Technology, Bombay.

Book/Chapter Publications:

Type	Title	Publisher	Authors	ISBN/ISS	Year
				N No.	
Book	Thermal Polygeneration	Ane	Tangellapalli	978939488	2023
			Srinivas	3338	
Book	Concentrated Solar Flux Assessment of	In Innovations in	Natarajan, M.,	ISBN:	2022
Chapter	Water Lens Collector	Energy, Power	Sekhar, Y.R.,	978-981-1	
		and Thermal	Chiranjeevi, C.,	6-4489-4	
		Engineering (pp.	Srinivas, T. and		
		23-29). Springer,	Bicer, Y.		
		Singapore			
Book	Thermal Cycles of Heat Recovery Power	Bentham Science	Tangellapalli	978-981-1	2021
	Plants	Publishers	Srinivas	8-0375-8	
Book	Humidification-Dehumidification	Nova Science	T. Srinivas	978-1-536	2021
Chapter	Desalination Through Solar Water	Publishers, New		19-320-6	
	Heating System, Book: Solar Water	York.			
	Heating: Fundamentals and Applications				
Book	Study of Solar Thermal Power Plant with	Nanotechnology	Srinivas, T. and	978685074	2021
Chapter	Nanofluid	Applications in	Rajan Kumar	517	
		Green Energy			
		Systems, pp.			
		261-276, Nova			
		Science			
		Publishers, New			
		York			

Book	An Updated Review on the Performance	Nanotechnology	Praveen Kumar	978685074	2021
Chapter	Enhancement of Nanofluid-based	Applications in	Tyagi, Krishan	517	
Chapter	Photovoltaic Thermal Systems	Green Energy	Kumar, Rajan		
	2 11010 (010110	Systems, pp.	Kumar and		
		261-276, Nova	Srinivas, T.		
		Science			
		Publishers, New			
		York			
Edited Book	Advances in Clean Energy Technologies	Springer	Prashant V.	978-981-1	2021
		Publishers	Baredar, Srinivas	6-0234-4	
			Tangellapalli,		
			and Chetan Singh		
			Solanki (Editors)		
			2021. p: 1163,		
Edited Deels	Nanatashualasu Angliastiana in Casa	Nava Caianaa	ISBN:	079695074	2021
Edited Book	Nanotechnology Applications in Green Energy Systems	Nova Science Publishers, New	Tangellapalli Srinivas and	978685074 517	2021
	Energy Systems	York	Rajan Kumar	317	
		TOIK	(Editors)		
Book	Cogeneration of Power and Desalination	Springer,	Anand B and	978-981-1	2020
Chapter	Using Concentrated Photovoltaic/Thermal	Singapore.	Srinivas T.	5-2665-7	
1	Humidification and Dehumidification				
	System in Advances in Energy Research				
Book	Flexible Kalina Cycle Systems	Taylor and	Srinivas, T.	978177188	2019
		Francis	Shankar Ganesh	7137	
		Publishers, CRC	N and Shankar R.		
		press			
Book	Exergy Analysis for Energy Systems,	Springer, Cham	Srinivas T	1865-3529	2018
Chapter	Green Energy and Technology, Book			Е	
	title: Exergy for A Better Environment				
	and Improved Sustainability, Volume 1,				
D 1	Series title: Green Energy, Technology	LADIAMPEDE	G : : T 1	070 2 220	2017
Book	Desalination and Cooling Integration	LAP LAMBERT	Srinivas, T. and	978-3-330-	2017
		Academic	C.Chiranjeevi	05775-3	
Book	Chapter 10: Biomass-Based Integrated	Publishing CRC Press,	Srinivas, T. and	978-1-926	2013
Chapter	Power and Cooling Systems, Recycling	Apple Academic	Reddy, B.V.	895-27-7	2013
Chapter	and Reuse of Materials and Their	Press, Inc.,	Reddy, B. V.	073 27 7	
	Products, Volume 3 of the Advances in	Taylor & Francis			
	Materials Science book series	Group,			
Book	Chapter 1: Role of Waste Resources in	CRC Press,	Reddy, B.V., and	978-1-926	2013
Chapter	Power Generation, Recycling and Reuse	Apple Academic	Srinivas,T.	895-27-7	
	of Materials and Their Products, Volume	Press, Inc.,			
	3 of the Advances in Materials Science	Taylor & Francis			
	book series,	Group			
Book	Chapter 4: Design of Integrated R134a	Springer India	Priyank agarwal,	978-81-32	2012
Chapter	Vapor Compression Heating and Cooling		Shankar, R. and	2-1006-1	
	Cycle, Emerging Trends in Science,		Srinivas, T		
	Engineering and Technology, Lecture				
	Notes in Mechanical Engineering				

Book	Chapter 9, Integration of LiBr-H2O	Springer India	Shankar, R., and	978-81-32	2012
Chapter	Vapor Absorption Refrigeration Cycle		Srinivas,T.	2-1006-1	
	and Power Cycle, Emerging Trends in				
	Science, Engineering and Technology,				
	Lecture Notes in Mechanical Engineering				
Book	Chapter 7: The role of sustainable energy	Narosa	Reddy, B.V.,	817319993	2009
Chapter	systems and energy management	Publishing House	Gupta,	0	
	measures on global warming, Renewable		A.V.S.S.K.S. and		
	Energy and Environment for Sustainable		Srinivas,T.		
	Development				

Research Projects:

Role	Project	Title	Funding	From	To	Amount	Status	Co-Investi
	Type		Agency					gator
Principal	Research	Experimental	Science and	14-06-2015	13-06-2017	Rs. 34	Complete	Dr.R.Natar
Investigator	and	study on	Engineering			lakhs	d	ajan
	Equipment	Kalina cycle	Research					
		system	Board					
			(SERB),					
			New Delhi,					
			India					
Principal	Research	Development	Council of	01-04-2013	30-04.2015	Rs. 17.23	Complete	Dr.R.Natar
Investigator	and	of	Scientific			Lakhs	d	ajan
	Equipment	tri-generation						
		(power,	Industrial					
		cooling and	Research					
		desalination)	(CSIR),					
		plant by	New Delhi,					
		compressed	India					
		air						
		humidificatio						
		n and						
		dehumidificat						
		ion						
Principal	Research	Experimental	Science and	11-10-19	10-10-2021	20.20	Ongoing	Dr.Rajeev
Investigator		investigation	Engineering			Lakhs		Kukreja
		on tower type	Research					
		hybrid vapour						
		compression	(SERB)					
		refrigeration						
		(VCR) and						
		humidificatio						
		n-dehumidific						
		ation (HDH)						
		desalination						
		plant						

Principal	Research	Concentrated	Department	29-07-2021	28-07-2023	Rs. 18.42	Ongoing	Dr Rajan
Investigator	and	Solar Air	of Science			Lakhs		Kumar
	Equipment	Heater with	and					
		Passive	Engineering					
		Tracking	(DST)					
		Mechanism						
		and						
		Corrugated						
		Receiver						

Events Organized:

Category	Type	Title	Venue	From	То	Designation
Conference	International	Trends and Advanced	VIT University,	30-03-17	31-03-17	Convenor
		Research in Green	Vellore, India			
		Energy Technologies,				
		ICTARGET-2017'				
Conference	International	Advances in	LNCT Group	22-12-14	24-12-14	Organizing
		Mechanical	Institutions,			Chair
		Engineering, Energy	Gwalior			
		Systems and				
		Sustainability				
		(ICAMES – 2014)				
Workshop	International	Challenged and	VIT Vellore	27-07-12	28-07-12	Convenor
		Prospects in Power				
		Generation Systems				
		Using Biomass				
Innovation	National	Innovation Day	Dr.B.R. Ambedkar	12-10-19	12-10.19	Coordinator
Day		Companion	National Institute of			
			Technology,			
			Jalandhar			
FDP	National	AICTE-ATAL 5-Day	Dr B R Ambedkar	19-10.2020	23.10.2020	Course
		FDP on Challenges and	National Institute of			Coordinator
		Opportunities on	Technology			
		Collection, Storage and	Jalandhar			
		Utilization of Solar				
		Thermal Energy				
Technical	National	Technovation-2021	Dr B R Ambedkar	06-03.2021	07.03.2021	Coordinator
Event			National Institute of			
			Technology			
			Jalandhar			
STC	National	Training and Practice	Dr B R Ambedkar	26-11.2020	30.11.2020	Coordinator
		on MATLAB for	National Institute of			
		Engineering Solutions	Technology			
			Jalandhar			
Workshop	National	IIC Orientation	Dr BR Ambedkar	19-06-2021	19-06-2021	Coordinator
		Programme by	National Institute of			
		Innovation	Technology			
		Ambassadors	Jalandhar			

Professional Affiliations:

Designation	Organization
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Life Member	Indian Society for Heat and Mass Transfer (LMISHMT) - ISHMT
Member	Institution of Engineers, Kolkata (India)
Life Member	Indian Society for Technical Education, New Delhi (LMISTE)

PhD Supervised:

Scholar Name	Research Topic	Status	Year	Co-Supervisor
R.Shankar	Experimental studies on cooling co-generation	Ph.D.	2019	-
	systems	Awarded		
G. Pradeep	Thermodynamic studies on power augmentation	Ph.D.	2017	-
Varma	with low and intermediate temperature heat	Awarded		
	recoveries			
C.Chiranjeevi	Experimental and simulation studies on two stage	Ph.D.	2017	-
	air humidification-dehumidification desalination	Awarded		
	and cooling plant			
M.Natarajan	Development and study on power free	Ph.D.	2017	-
	self-tracking mechanism for a linear focused solar	Awarded		
	concentrating collector			
N. Sankar	Thermodynamic optimization of Kalina cycle	Ph.D.	2014	-
Ganesh	systems at low, medium and high temperature	Awarded		
	heat recoveries			

PG Dissertation Guided:

Student Name	Dissertation Title	Status	Year	Co-Supervisor
Mr. Shivam	Performance Analysis of Organic Flash Cycle	Completed	2021	sole supervision
Srivastava	with Waste Heat Recovery			
Mr. Shubham	Performance Investigation of a Two-Stage	Completed	2021	sole supervision
Kame	Humidification Dehumidification Desalination			
	System with Vapor Compression Refrigeration			
	Cycle			
Mr.Harikrishna	Novel integrated solar air-conditioning and	Completed	2020	sole supervision
Menon	humidification-dehumidification unit with heat			
	recovery			

Patents:

Name	Reg./Ref. No.	Date of	Organization	Status
		Award/Filling		
Trigeneration plant for power,	5029/CHE/2015	21-09-2015	CSIR - VIT	application
desalination and power				awaiting for
				examination
Combined cooling and power system	2622/CHE/2011	09-02-2023	Vellore Institute	Granted
			of Technology	
Semi automatic tracking system	5030CHE/2015	21-09.2015	VIT Vellore	awaiting for
applied to line concentrated single				examination
axis solar collector				
Integrated poly-generation system	202011002594	10-11-2020	Dr B R	Filed
and method thereof,			Ambedkar	
			National Institute	
			of Technology	
			Jalandhar	

Gravity-Assisted Hydraulic Operated	202311002764	13-01.2023	Dr B R	Filed
Tracking Mechanism to Drive Solar			Ambedkar	
Photovoltaic Module and Parabolic			National Institute	
Trough Collector			of Technology	

Admin. Responsiblities:

Position Held	Organization	From	To
Coordinator of Institution's	Dr.B R Ambedkar National Institute of	28-05-2019	30-09-19
Innovation Council (IIC)	Technology, Jalandhar		
Convenor of Institution's	Dr.B R Ambedkar National Institute of	01-10-2019	04-04.2022
Innovation Council (IIC)	Technology, Jalandhar		
Member of Atal Community	Dr.B R Ambedkar National Institute of	01-10-2019	Till Date
Innovation Centre (ACIC)	Technology, Jalandhar		
Associate Dean, Research and	Dr B R Ambedkar National Institute of	04.02.2021	Till Date
Consultancy	Technology Jalandhar		
Vice President, Convenor of	Dr B R Ambedkar National Institute of	05.04.2022	Till date
Institution's Innovation Council	Technology		
(IIC)			

Award and Honours:

Title	Activity	Given by	Year
Beat Teacher	Teaching	Dr B R Ambedkar National	2020-2021
		Institute of Technology,	
		Jalandhar, Punjab.	
Best Paper	Experimental Investigation on	Arunai Engineering College,	2019
	Cooling Cogeneration Plant,	Tiruvannamalai, India.	
	4th International Conference		
	on Bioenergy, Environmental		
	and Sustainable Technologies,		
	28-30 January 2019.		
Best Paper	International conference on	National Institute of	2018
	Desalination	Technology, Tiruchirapalli,	
	(InDACON-2018), 'Combine	India	
	Power, Cooling and		
	Desalination using		
	Concentrated		
	Photovoltaic/Thermal		
	System', 20th and 21st April		
	2018		
Best Paper	Integration of Solar Thermal	NICHE, Kumaracoil,	2014
	Based Power and Cooling	Thuckalay, South India	
	Cycle with 50:50 Power Mass		
	Split Ratio, International		
	Conference on Modeling		
	Optimization and Computing		
	2014, April, 10-11, 2014		
	(ICMOC 2014)		