

## Faculty Publications

Faculty	Title of Publication
P.Mohammed Iqbal	P.Mohammed Iqbal, Experimental investigation on the effect of bioadditives on refrigerent hydrate formation , 'International conference on aerospace and mechanical Engineering 2015, ISBN(13):978-93-85965-16-6
	P.Mohammed Iqbal, Experimental Study on the Effects of Surfactants on Formation of Refrigerant Hydrates, 'International conference on aerospace and mechanical Engineering 2015, ISBN(13):978-93-85965-16-6
Dr.M.Jose Prakash	Jose Prakash M, Performance Studies on a Vapour Compression System Using Nanolubricants, 'International conference on aerospace and mechanical Engineering 2015, ISBN(13):978-93-85965-16-6
	Dr. K.A. Shafi, Dr. Jose Prakash M, Numerical and Experimental Studies on Electronic Cooling by Jet Impingement, 'International conference on aerospace and mechanical Engineering 2015, ISBN(13):978-93-85965-16-6'
	R. Leena, Jose Prakash M., Numerical Study of Jet Impingement Cooling on Modified Flat Plate, 'International conference on aerospace and mechanical Engineering 2015, ISBN(13):978-93-85965-16-6'
	Jose Prakash M., Numerical Investigation on the Supercritical Heat Transfer of Cryogenic Methane in Regenerative Coolant Channels, 'International conference on aerospace and mechanical Engineering 2015, ISBN(13):978-93-85965-16-6'
	Jose Prakash M., 24. Numerical Studies on the Effect of Chamber Diameter on the Flow Field and Heat Transfer in a Uni-Element Cryogenic Rocket Thrust Chamber, 'International conference on aerospace and mechanical Engineering 2015, ISBN(13):978-93-85965-16-6'
	Jose Prakash M, R. Leena, Experimental and numerical investigations on steady and unsteady jet impingement cooling for high-power electronics, 'IEEE transactions on components packaging and manufacturing technology, volume 5, No. 5, May (2015), DOI: 10.1109/TCPMT.2015.2420953
	Jose Prakash M, R. Leena, Experimental and numerical investigation on thermal characteristics of multiple circular jet impinging on a flat plate, 2 <sup>nd</sup> international conference on materials mechanics and management
Dr.K.K.Abdul Rasheed	Mathew Skaria , Abdul Rasheed K.K, Shafi.K.A, Kasthuriangan S.'Simulation studies on the thermoacoustic Cooling(2014), International Journal of Design and manufacturing technology -Vol 5, pp 178-183(ISSN 0976-6995)

	Mathew Skaria , Abdul Rasheed K.K,Shafi.K.A, Kasthuriengan S,' Simulation studies on the performance of thermoacoustic prime movers and refrigerator'(2015), Computers& Fluids-Vol 111 ,pp 127-136 (doi 10.1016/01.011)
	Dr. K.K. Abdual Rasheed, Theoretical Investigation on Traveling Wave Thermo acoustic Prime mover, 'International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6'
	Mathew Skaria, K K Abdul Rasheed, K A Shafi, 61. Numerical Simulation of Loud Speaker Driven Thermoacoustic Refrigeration System, 'International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
	S.Jose, Microstructural mechanical and wear characteristics of Al-12.6 Si-3 Cu-(2-2.6wt.%) Ni Piston alloys, 'International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
Dr.P.N.Dileep	P.N.Dileep,V. Hashim, Effect of Inflating Pressure On The Expansion Behaviour Of Coronary Stent And Balloon: A Finite Element Analysis,'International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
	Dr. P.N.Dileep, Shamnadh M, Presurgical Numerical Analysis of Bone Cement Injection and Curing in Vertebroplasty, International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6'
D.K.A.Shafi	Mathew Skaria , Abdul Rsheed K.K,Shafi.K.A, Kasthuriengan S.'Simulation studies on the thermoacoustic Cooling(2014),International Journal of Design and manufacturing technology -Vol 5,pp 178-183(ISSN 0976-6995)
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A .Ashfak	Ashfak A., Performance Evaluation of MR Damper by Finite Element Analysis, 'International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
Dr.Sadiq.A	Dr.Sadiq.A, Shamnad.M,Rahul.M,(2015),'Develepment and Investigation of a Minimum Power Non-Contact Swirl Vane Gripper', International journal of Engineering research and technology(IJERT),vol.4 Issue 8 August 2015[ISSN:2278-0181]

	Sadiq.A, Laila beebi M, Saitha M J,(2015),'Modeling and simulation of water treatment plant for optimum coagulant dosage based on Hammerstein-Wiener Model', International journal of Mechanical and production engineering,vol-3,issue 7 july 2015 [ISSN: 2320-2092]
Dr.M. Nizar Hussain	Nizar Hussain M, Structural equation model for Critical Success Factors of Health care management information systems in India, 'International conference on aerospace and mechanical engineering ISBN (13): 978-93-85965-16-6
Mathew Skaria	Mathew Skaria , Abdul Rsheed K.K,Shafi.K.A, Kasthuriengan S.'Simulation Tudies on the thermoacoustic Cooling(2014),International Journal of Design and manufacturing technology -Vol 5,pp 178-183(ISSN 0976-6995)
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Hashim V	V. Hashim, P.N.Dileep, Effect of Inflating Pressure On The Expansion Behaviour Of Coronary Stent And Balloon: A Finite Element Analysis,'International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
K E Reby Roy	Reby roy K.E.,Jesna Mohammed, Experimental Investigation on the Effects of Cryogenic Cooling on Chip Breakability and Tool Wear in Turning of316L Stainless Steel,'International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
	Reby roy K.E.,Jesna Mohammed, Numerical Prediction of Oxygen Expulsion from a Typical Cryogenic Storage Tank,'International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
	Jesna Mohammed,Reby Roy K.E, Beneficial effects of Cryogenic Cooling on Chip Breakability, Shear angle and Tool wear in turning AISI 1050 steel,International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
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	Dr. Reby Roy, Rijo Jacob Thomas, Theoretical Studies on Fibre Bragg Grating based Flowmeter, International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
T.S.Krishna Kumar	T.S. Krishnakumar,Ahammed Vazim.K.A,Syed Muhammed Fahd, 'Experimental Studies on the Effect of TiO2 Nanoparticles on the Mechanical Properties of Aluminium Matrix Nanocomposites ,International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6

	T.S. Krishnakumar, Experimental Studies on the Effect of Surfactants on Thermophysical Properties of Nanofluids, International conference on aerospace and mechanical Engineering 2015, ISBN(13):978-93-85965-16-6
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R. Leena	R. Leena, Numerical Investigation on the Effect of air Jet Velocity in Co-Axial Air-Water Jet Impingement Quenching of Hot Steel Plate, 'International conference on aerospace and mechanical Engineering 2015, ISBN(13):978-93-85965-16-6
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	Jose Prakash M, R. Leena, Experimental and numerical investigations on steady and unsteady jet impingement cooling for high-power electronics, ' IEEE transactions on components packaging and manufacturing technology, volume 5, No. 5, May (2015), DOI: 10.1109/TCPMT.2015.2420953
Jesna Mohammed	Jesna Mohammed, Reby Roy K.E, Experimental Investigation on the Effects of Cryogenic Cooling on Chip Breakability and Tool Wear in Turning of 316L Stainless Steel, 'International conference on aerospace and mechanical Engineering 2015, ISBN(13):978-93-85965-16-6
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Dr. Rijo Jacob Thomas	Easwaran Nampoothiry Rijo Jacob Thomas, 'Thermodynamic Analysis of an Integrated System For LNG Regasification and power production' (2015) Asian Journal of Engineering and Technology .Vol-03-Issue 04, [ISSN 2321-2462]
	Jomy Joseph , Dr. Rijo Thomas , 'Exergy analysis on vapour compression refrigeration system using evaporative condenser',
	Majo Davis, Dr. Rijo Jacob Thomas, 'Exergy analysis of different practical Re-liquefaction cycles for LNG system
	Dr. Reby Roy, Rijo Jacob Thomas, Theoretical Studies on Fibre Bragg

	Grating based Flowmeter, International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
Sheeba.A	Sheeba. A, Experimental Investigations on Tube in Tube Helical and Conical Heat Exchangers, 'International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
Ahmmmed Vazim.K.A	T.S. Krishnakumar,Ahammed Vazim.K.A,Syed Muhammed Fahd,'Experimental Studies on the Effect of TiO2 Nanoparticles on the Mechanical Properties of Aluminium Matrix Nanocomposites ,'International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6
Syed Muhamemed Fahd	T.S. Krishnakumar,Ahammed Vazim.K.A,Syed Muhammed Fahd,'Experimental Studies on the Effect of TiO2 Nanoparticles on the Mechanical Properties of Aluminium Matrix Nanocomposites ,'International conference on aerospace and mechanical Engineering 2015,ISBN(13):978-93-85965-16-6