

Sl.No.	Title	Correspondant	E-mail
2	Cure for shock instability instability in HLL-CPS Riemann solver through antidiffusion control	J C Mandal	sangeethsimon2@gmail.com
5	Reinvestigating Discrete Stability of Numerical Schem using Pseudospectra	Ameya D Jagtap	ameya.aero@gmail.com
8	A Numerical Study on the effect of Stacking AEROFOILS at different lean angles on the secondary flow behaviour and performace of a typical turbine stage	David John R	david.john.gtre@gmail.com
13	Solution of Elliptic Equations using Weighted Least Squares Meshless Method	Konark Arora	konark.arora@gmail.com
14	Numerical Simulation of flow over a re-entry crew module	Rathnavel S	rathnavels@rietedu.in
15	Pintle Nozzle Flow Field Simulation of Solid Propulsion Control Systems for Missile Applications	Sudhakara Reddy A.V	sudhakar.Reddy@rcilab.in
16	Performace Loss Associated with WAKE Evacuation effect in ED NOZZLE	Aravind Vaidyanathan	aravind7@iist.ac.in
17	Numerical Investigation of Aerodynamic Drag reduction using Vortex generators	Anand V	anandvenugopal96@gmail.com
18	Numerical Simulation of Supersonic flow seperation in over expanded planar de-Laval NOZZLE	D S Ramaswamy	ramaswamydevakottai@gmail.com

19	Aerodynamic characteristics of a generic fighter aircraft with air to air missiles carried at underwing station vis-à-vis wing tip	PATHANJALI R J	pathanaero@gmail.com
20	An assesment of effects of Canard Sweep angle on the Longitudinal Aerodynamics of Delta wing aircraft	PATHANJALI R J	pathanaero@gmail.com
21	Development of 2-dimensional axisymmetric solver for imperfect gas simulation at high temprature	Anant Diwakar	adiwakar@iitb.ac.in
22	Wake Decay Characteristics of transonic axial compressor rotor	Q H Nagpurwala	qhn1947@gmail.com
23	CFD Analysis of mechanical thrust vectoring control system of missile	Umesh Kulkarani	null
24	Numerical Simulation of Arc-heated flows	Ved Mukherjee	ved.yeldiz@gmail.com
25	A WENO hybrid scheme for Ideal Magneto-hydrodynamics	Ved Mukherjee	ved.yeldiz@gmail.com
26	Numerical Analysis of Unsteady interactions in a centrifugal compressor	Kishore Kumar C	kk@gtre.drdo.in
27	CFD Optimisation of winglets	Niyam B Joshi	joshi.niyam@gmail.com
28	Aerodynamic Coefficents through CFD Simulations and flight estimation for a winged body reusable launch vehicle	G Vidya	g_vidya@vssc.gov.in

29	Effect of Jet on aerodynamics of Crew Escape Vehicle at subsonic flow	C Babu	babu_chokkan@vssc.gov.in
30	Numerical Analysis of Strength of Downwash from a Wing in Tak-off Configuration	Vasanth Kumar G	g_vasanthkumar@cb.amrita.edu
31	Predictions of aero-thermal loading of an HPT stator blade of a typical small turbofan engine	Roddam Narasimha	roddam@jncasr.ac.in
32	A MACH-NUMBER GRADIENT-BASED SHOCK SWITCH FOR ACCURATE COMPUTATION OF INVISCID COMPRESSIBLE FLOWS	Paragmoni Kalita	paragmk@tezu.ernet.in
33	Euler, Three-dimensional Model for Varying Heat Capacity Ratio	Kuldeep Singh	kuldeepsingh050895@gmail.com
34	Application of open-source CFD code SU2 to Ascent configuration of Reusable Launch Vehicle	Amit Sachdeva	aero_amit@hotmail.com
35	Numerical simulations over launch vehicle in the presence of umbilical tower at liftoff	Amit Sachdeva	aero_amit@hotmail.com
36	Performance of a compressible DNS Code on multi-GPU architectures	S M Deshpande	smd@jncasr.ac.in
37	Computation of Flush Air Data System(FADS) port pressure through CFD and comparison with flight derived data	C Babu	babu_chokkan@vssc.gov.in
38	An upwind KFVS method for the SU2 suite	S M Deshpande	smd@jncasr.ac.in

39	A reduced order model based LQR feedback control of one dimensional heat equation	Sintu Singha	ssingha@nal.res.in
40	Performance evaluation of lips of different profiles on an axisymmetric air intake at subsonic to supersonic speeds	Satya Prakash	satya@jetmail.ada.gov.in
41	Prediction of Heat Transfer Distributions in Transitional Hypersonic Flows	Sreekanth Raghunath	s.raghunath@uq.edu.au
43	Calculation of a potential vortex hazard index at cruise-level	Saravanakumar J	saravanakumarjayaraj@yahoo.com
44	COMPUTATION OF SUPERSONIC FLOW WITH AND WITHOUT CAVITY FOR MIXING ENHANCEMENT	ASHFAQUE A KHAN	ashfaque@nal.res.in
46	Grid-free Solver with CUDA Computing	K Anandhanarayanan	kanand_cfd@yahoo.com
47	Techniques for simulating multiple propellers using OpenFOAM software	K Veena	aarya.vjs@gmail.com
48	Numerical Investigation on the Effect of Angle of Attack on Aerodynamics of a Launch Vehicle in Presence of Jet	Sanjoy Kumar Saha	sanjoy_kumar@vssc.gov.in, sanjoy254@gmail.com
52	Multidisciplinary Design Optimization for an Airfoil using OpenMDAO	Sachchit Vekaria	vekariasachchit@gmail.com
53	Lattice Boltzmann Relaxation Scheme for Ideal Magnetohydrodynamics	Rohan Deshmukh	rohan112358@gmail.com

56	EFFECT OF INLET TURBULENCE ON THE PERFORMANCE OF AN HAN-BASED MONOPROPELLANT MICROTHRUSTER SUPERSONIC NOZZLE	C RAJASHEKAR	rajashekarc@nal.res.in
57	ON THE FLOW PAST A HIGH-BLOCKAGE V-GUTTER FLAMEHOLDER	C RAJASHEKAR	rajashekarc@nal.res.in
59	Computational Investigation of Diffuser Augmented Wind Turbine-3D Analysis with a Cycloidal profile	Shamla Shamsuddeen A P	shammashaz@gmail.com
60	Numerical Investigation of Flow pattern inside an Autoclave	Abinandan K C	abhikcra@gmail.com
62	Design and Optimization of a Combustor using CFD	Natteri M Sudharsan1	sudharsann@asme.org
63	Response Surface Methodology Based Optimization of Aerodynamic Package of a FSAE Car	Dharmendra Yadav	dyadav_be15@thapar.edu
65	Prediction of Intake Flow in presence of Radar Screen at the Entry of an S-Shaped Intake	Satya Prakash	satya@jetmail.ada.gov.in
66	Reacting flow CFD simulations to optimize the dilution zone of straight flow annular combustor	Ranjith P V	mechmuthu1@nal.res.in
67	3D Numerical Investigation of Insect-sized flapping wings under different frontal inflow conditions	Manabendra M De	manav@nal.res.in
68	Artificial Compressibility Based Method for Two-phase Surface Tension Dominated Flows	S P Bhat	bhat.sourabh@iitb.ac.in

70	Multi-Store Release Simulation Using PARANAM Mesh Free Solver Based Store Separation Suite	C K Niranjana	ckniranjana@ctfd.cmmacs.ernet.in , shikhar@nal.res.in, vramesh@nal.res.in
71	Numerical Studies on the effect of Blade fillet in an Axial Turbine Stage	Pratap NAL	prathap@nal.res.in
72	Study of Effect of inner Iteration on Solution of an Incompressible Flow inside Lid driven cavity	Siddu Patil S B	sbpatil46@gmail.com
73	EMPIRICAL FORMULATION OF DROPLET SIZE FOR A MULTIPLEX FUEL INJECTOR USING COMPUTATIONAL FLUID DYNAMICSEMPIRICAL FORMULATION OF DROPLET SIZE FOR A MULTIPLEX FUEL INJECTOR USING COMPUTATIONAL FLUID DYNAMICS	Aditya Ghodgaonkar	aditya.ghod@gmail.com