

ASET 2018

List of Accepted Papers for ORAL Presentation

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2.	A Qualitative process control methodology for the reduction in differential thrust of S-200 pair segments	CH Devi Vara Prasad, J Niroop kumar, Hare Krushna Pathy, Sree Ram Banerjee, A Prasada rao, P. Selva Raj, Ranganathan.V, SDSC	18
3.	Optimization of Propellant Burn Rate for Large Solid Rocket Booster	A Natarajan, S Adarsh, Santosh Kumar Dehury, Prasanth C, Jeenu R, Sowmianarayanan L, Jayaprakash J, Jayakumar B, VSSC	36
4.	Computational Analysis of a Deflagration to Detonation Transition Device with Different Blockage Ratios	Samuel Luis, Mukit Azad Khan, Vinita M. Samuel, Aldin Justin S, A.N.Subash, Karunya, Coimbatore	52
5.	Multiple Scarfed Nozzle Motor: Design Challenges	Shailesh Prasad *, K Sreejith, R Bagavathiappan, V Eswaran, VSSC	54
6.	Age Effect of Copper Chromite Catalysed Propellant on Ballistics of Solid Motors	Kiran Pinumalla*, Prasanth C, Jeenu R and Jayaprakash J, VSSC	68
7.	Burn-Rate Modifiers in Composite Solid Propellants: A Review	O. Sai Siddhartha, A.S. Ramateja, P. Kanakaraju, SDSC	109
8.	Six Equation Compressible Multi-Fluids Simulation of Granular Propellant Combustion	Annie Rose Elizabeth, IITM	128

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4.	Design and Development of a Throttle Flow Control Valve for 800N Throttleable Engine.	Chinmoy Mondal*, Benoy Joseph K, Venkittaraman D, Radhakrishnan M. LPSC-V	13
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9.	Quantification of Hydroxyl(OH) radicals in Laminar Flat Flame and Inverse Diffusion Flame of Coaxial Injector	G Kashyapa Maharshi , Aravind Vaidyanathan , CK Muthukumaran, Nandakumar K (LPSC-V)	57

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