

5th National Conference on Wind Tunnel Testing (NCWT-05)
Madras Institute of Technology Campus, Anna University, Chennai-600044
16-17, March 2017
Day – 1(16.03.2017) – Technical Session - 3(Oral Presentation)
Parallel Session – 1 – Wind Tunnel Instrumentation

S.No	TIME	PAPER No.	PAPER TITLE, AUTHORS & ORGANIZATION/ INSTITUTION
01.	16.00 –16.15	P31	LabView Based Real-Time Mach Analysis System for Trisonic Wind Tunnel <i>K.S.Chinitha¹, D.B.Singh²</i> <i>1-Dr. Ambedkar Institute of Technology, 2- CSIR-NAL, Bengaluru</i>
02.	16.15 -16.30	P32	Control System Development for Wind Tunnel and Their Applications <i>M.R.Janardhan,</i> <i>CSIR- NAL, Bengaluru</i>
03.	16.30 –16.45	P49	Design of a Rectangular-type Hinge Moment Balance for Load Measurements on Control Surfaces of a Missile-type Wind Tunnel Model <i>Praveen Kumar Jinde, H.Sundara Murthy, G.Rajeev</i> <i>CSIR-NAL, Bengaluru</i>
04.	16.45 –17.00	P72	Implementation of Non-Contact Measurement Technique for Aeroelastic Testing in Low Speed Wind Tunnel <i>R.Ramkumar, B.SampathRao,D.Dwarakanathan, S.Raja,K.Nagaraju, Aravindu . B, Mutturaj H Medar,S.Vedaprakash,</i> <i>CSIR-NAL, Bengaluru</i>

Parallel Session – 2 – Industrial Aerodynamics

S.No	TIME	PAPER No.	PAPER TITLE, AUTHORS & ORGANIZATION/ INSTITUTION
01.	16.00 –16.15	P74	Vortex Induced Vibrations of a Bridge: Effect of Solidity of Railings <i>U.Negi, A.Desai, S.Mittal</i> <i>IIT, Kanpur</i>
02.	16.15 –16.30	P92	Experimental Study: Effect of Slider Reefing on Opening Shock Force and Aerodynamic Characteristics of Square Canopy Parachute <i>Amit Kumar, Vipin Kumar Verma,S.P.Singh, ADRDE, Agra</i>
03.	16.30 –16.45	P93	Automatic Dust Removal System on a Car <i>G.Sivaraj¹, K.M.Parammasivam¹, R. Ruban¹, A.Jaya Prabhu¹, P.Manigandan¹</i> <i>1-Bannari Amman Institute of Technology, 2-MIT, Chennai</i>
04.	16.45 –17.00	P94	Flow Analysis over Low Rise buildings <i>T. Malar Vizhi¹, K.Sathiya Lakshmi¹, G. Sivaraj¹, K.M.Parammasivam²</i> <i>1-Bannari Amman Institute of Technology,</i> <i>2-MIT, Chennai</i>

Note: The above tables indicates only a tentative Schedule for presentation of papers. Registration is a must for presentation in technical sessions. A maximum of only two presentations is allowed per registration.

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Day – 1(16.03.2017) – Technical Session - 3
Parallel Session – 3 – Low Speed Wind Tunnel Testing

S.NO	TIME	PAPER No.	PAPER TITLE, AUTHORS & ORGANIZATION/ INSTITUTION
01.	16.00 -16.15	P67	Experimental Study of the Effect of Wake due to Circular Cylinder <i>G.Balaji¹, S.Nadaraja Pillai², C.SenthilKumar¹</i> <i>1-MIT, Chennai, 2-Sastra University, Thanjavur</i>
02.	16.15 -16.30	P70	Full Scale Wind Tunnel Testing to Estimate the Rudder Hinge Moment of a UAV Vertical Tail <i>B.Saravanan, AbishekNavrakar, GirishTilokani, A.Vadivelan, N.Balachandran</i> <i>ADE, Bengaluru</i>
03.	16.30 -16.45	P75	Experimental Investigations of a Flow Past a Bluff Body <i>Rahul Deshpande, Aditya Desai, VivekKanti, Sanjay Mittal</i> <i>IIT, Kanpur</i>
04.	16.45 -17.00	P79	Experimental and Numerical Studies on Propeller Characteristics <i>P.S.Premkumar¹, C.Senthilkumar²</i> <i>1-Kumaraguru College of Technology,Coimbatore,2-MIT, Chennai</i>

Parallel Session – 4 – High Speed Wind Tunnel Testing

S.NO	TIME	PAPER No.	PAPER TITLE, AUTHORS & ORGANIZATION/ INSTITUTION
01.	16.00 -16.15	P63	Effect of Modification of Sharp Base on Base Pressure <i>Jayaprakash. N Murugan, S.B.Verma, Sri Raghu.R</i> <i>CSIR-NAL, Bengaluru</i>
02.	16.15 -16.30	P64	Effect of Step Height on Flow Separation in Supersonic Flow <i>Jayaprakash. N Murugan¹, Raghuraman. N Govardhan²</i> <i>1-CSIR-NAL, Bengaluru 2- IISc., Bengaluru</i>
03.	16.30 -16.45	P68	Investigation of Steady and Unsteady Flow inside an Air-intake at Supersonic Speed <i>B.H.V.Reddy, R.K.Singh, P.Kumar, S.Das</i> <i>BIT, Ranchi</i>
04.	16.45 -17.00	P61	Methodology and Instrumentation for Verifying Scramjet Combustion Experiments in 1m Shock Tunnel <i>Abhishek Kumar, Saravanan.R, Noorul Ameen, Binoy Mathew,Praveen Kumar Maurya, Srinivasan.K, Satheesh Chandran,</i> <i>Varghese Jacob, D.S.Antuvan</i> <i>VSSC, Thiruvananthapuram</i>

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