

Name :E.T.Chullai  
 E-mail :eusebioustc@hindustanuniv.ac.in  
 Designation :A.P (S.G)  
 Degree (highest degree with year of graduation) :M.E  
 Experience : Industry: 0            Academic:8  
 Specialization :Aerodynamics  
 Research Area :Low Speed Aerodynamics



### Publication details:

#### Journal:

1. EshwarBhargavBhupanam, Salil Bajaj, Eusebius T Chullai“Design And Analysis Of Free Jet Wind Tunnel” International Journal of Ambient Energy.(Communicated)
2. D. Sasindra Reddy, K. Pavan Kumar, Y. Manikanta, B. Prasanna Sai and Mr. E.T Chullai,” Analysis Of Turboshaft Engine-Low Power Margin”International journal of advanced intelligence paradigms(Communicated)
3. K. Manojkumar, P. Manivannan, Eusebius T Chullai,”Experimental Study-Flow Characteristics of Dimpled Wing”, International Journal of Engineering Research & Technology (IJERT) Vol 2 Issue 4 April-2014
4. M. K. Jayakumar,Eusebius T Chullai,”Numerical Investigation of Effect of Swirl in Subsonic Nozzle:, The International Journal of Science &Technoledge Vol 2 Issue 4,2014
5. YashPal,SubhaS,Chullai E T, Bhupen Malhotra,” Effect of miniature trailing edge effectors on performance of NACA 642-215 airfols”,Indian Journal of Engineering Vol 4,Number 11,Sept 2013

#### National Conference:-

1. P.RadhaKrishnan,Eusebius T Chullai,”Numerical Simulation of Aircraft wing with High Lift Device(Trailing Edge Flap),National Conference on Recent Trends in Manufacturing,NCRTM-14
2. Dr P.K Dash,Yash Pal, E T Chullai,”Theoretical Validation on Regression Rate of Hybrid Rocket Fuel Used in Lab Scale Rocket Motor”.25<sup>th</sup> National Conference of Aerospace Engineers(NCAE 2011),November 4-5 BITS Meersa Ranchi

3. Chullai, "Effects of V-Shaped dimples on NACA0012 airfoil", National conference on Recent Trends in Aerospace Technology on 06 May 2016, Bharath Institute of Higher Education and Research

**International Conference:-**

1. E T Chullai, "Analysis of Turboshift engine low power margin", International conference on Recent Trends in Science and Technology" organized by GKM college of Engineering and Technology & TECHOWN Chennai 20<sup>th</sup> April 2018
2. E T Chullai, "Aerodynamic Characteristics Analysis of a NACA 0012 wing section with Trailing edge Modification", International Conference on Innovation in Engineering, Science & Technology (ICIEST), Bengaluru 28<sup>th</sup> May 2017

**Short Term Courses:**

1. AICTE sponsored Short term Course on "Fluid Dynamics-Theory to Industrial Applications(FDTIA) organised by the Department of Applied Mechanics from 17<sup>th</sup> to 22<sup>nd</sup> November, 2014
2. AICTE sponsored Short term Course on "Research topics in Fluid Dynamics" organised by the Department of Applied Mechanics from 19<sup>th</sup> to 24<sup>th</sup> November, 2012
3. Short term training programme on "Introduction to CFD" with hands on session in STARCCM+ 8.06 organized by the School of Mechanical Sciences, Hindustan Institute of Technology and Sciences, Chennai from 9<sup>th</sup> – 21<sup>st</sup> December 2013
4. Faculty Development Programme conducted by Teaching Learning Centre, IIT Madras from 17<sup>th</sup>-19<sup>th</sup> December 2018.

**Workshop:-**

1. AICTE sponsored CD-Cell workshop on "Advanced Topics on Modelling of Turbulent Flows" organised by the Department of Applied Mechanics from 23<sup>rd</sup> to 24<sup>th</sup> March, 2012
2. "Workshop on Practical Aspects of CFD" held at Hindustan University, Chennai from 6-7 February 2015.
3. COMSOL Multiphysics 5.0 workshop on March 27, 2015

**Additional Qualification:-**

1. Completed the "Diploma in AERO CAD-PRO" from CADDAM Technologies (P) Ltd during the period from NOV'08 to JUN' 09