

RESUME

Name : STANLEY SAMLAL
E-mail : Stanleys@hindustanuniv.ac.in
Designation : Assistant Professor (S.S)
Degree (highest degree with year of graduation) : M.E(2012)
Experience : Industry :- Academic : 6.5Yrs
Specialization : Aeronautical
Research Area : Projectile Impact/Bird strike



Publication details:

- **Stanley Samlal**, R. Santhanakrishnan, V. Paulson, S. Mahendran “On The Crushing Response Of Foam Core Sandwich Specimens Subjected To Edgewise Compression With Varied Size Circular Face/Core Debond: Experimental” International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P): 2249-6890; ISSN(E): 2249-8001 Vol. 8, Issue 6, Dec 2018, 317-324
- R. Santhanakrishnan, **Stanley Samlal**, A. Joseph Stanley & J. Jayalatha (2018) “Impact study on sandwich panels with and without stitching, Advanced Composite Materials”, 27:2, 163-182, DOI: 10.1080/09243046.2017.1410376
- S. Mahendran, V. Paulson, **Stanley Samlal** “Micro Heat Systems for Space Avionics” Journal of Mechanical Engineering and Technology (IJMET) Volume 9, Issue 2, February 2018, pp. 589–600 Article ID: IJMET_09_02_060

Funded project details:

S.NO	PROJECT TITLE	RESEARCH BOARD	AMOUNT IN LAKHS
1	EVALUATION OF NUMERICAL BIRD MODEL PARAMETERS THROUGH THE DYNAMIC TEST OF BIRD PROJECTILE	GAS TURBINE RESEARCH ESTABLISHMENT (GTRE), DRDO.	9.66
2	SIMULATION OF TRAUMATIC BRAIN INJURY USING FINITE ELEMENT METHOD	HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE (HITS).	5.80

Consultancy project details:

S.NO	PROJECT TITLE	RESEARCH BOARD	AMOUNT IN LAKHS
1	ESTIMATION OF SHOCK LEVELS AND ITS IMPACT ON THE UNDERWATER AXISYMMETRIC BODIES	THE NAVAL SCIENCE AND TECHNOLOGICAL LABORATORY NSTL, DRDO.	6.65

Conference attended/organized:

- **Stanley Samlal**, V. Paulson, R. Santhanakrishnan, “Effect of Stitching Angle on Impact Characteristics of Sandwich Panels”, Proceedings of 2nd International Conference on Emerging Trends in Mechanical Engineering, ISBN 978-93-5235-270-8, (2015) Pg 74.
- M. Gowthaman, **Stanley Samlal**, “Evaluation of mechanical properties of sandwich construction with 3D Tri-axial laminated face sheet”; School of Aeronautical sciences, Hindustan University, Chennai. NAFEMS India Regional Conference 2015.
- **Stanley Samlal**, Mebil Babuji Koshy, Taniya Benny 2014, “Predicting Exit Velocity in Compressed Air Gun”, Proceedings of International Conference on Futuristic Trends In Aeronautical Engineering (ICFTAE 2014).

Seminar Organized:

- Organized seminar on “Vibration and Noise Control” by Mr PVS Ganesh Kumar Sc “H” (OS) NSTL DRDO on 20th September 2018.