

**Mr.C.S.Karunakaran, Assistant Professor,**  
School of Aeronautical Sciences, HITS.  
# 4/1783 5<sup>th</sup> st west corner Gnanam Nagar, Thanjavur  
9944073774 / 9003031454  
cskaruna@hindustanuniv.ac.in



**(1) Articles in Journals (National / International). Give full details.**

- (a) "LIFT OPTIMIZATION OVER GLIDER UAV THROUGH COMPARATIVE STUDY OF NACA AIRFOIL WITH ITS KLINE-FOGLEMAN VARIANT" in IEEE international conference at KIT Coimbatore during 3<sup>rd</sup> March 2017
- (b) STRATEGIC ANALYSIS OF INDIAN MRO INDUSTRY in "IRTMAMES" International Conference held at KIT, Coimbatore during 12 – 13 February 2015
- (c) DESIGN AND FABRICATION OF STRAND BURNER in "IRTMAMES" International Conference held at KIT, Coimbatore during 12 – 13 February 2015
- (d) CONCEPTUAL DESIGN OF FIXED WING UAV in "IRTMAMES" International Conference held at KIT, Coimbatore during 12 – 13 February 2015
- (e) "NON DESTRUCTIVE EVALUATION ON WHEELS AND BRAKES OF WIDE BODY" in "IRTMAMES" International Conference held at KIT, Coimbatore during 12 – 13 February 2015
- (f) "BOEING 737-600/900 AIRCRAFT HYDRAULIC SERVICING DOWNTIME REDUCTION THROUGH CPM" International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) Special Issue, May 2018,
- (g) "ACCIDENT REDUCTION THROUGH APPLICATION OF HUMAN FACTORS IN AIRCRAFT MAINTENANCE" in National Conference on Aerospace Technologies at HITS on 27<sup>th</sup> September 2018

**(2) Articles in Newspapers / Magazines / Association Newsletters, etc., which has contributed awareness about the Institution / content to the public**

- a) "Future of Indian Commercial Aviation" article in Mobility Engineering Magazine December 2015 issue
- b) "SAE INDIA Aero Design Challenge" article in Mobility Engineering Magazine September 2016 issue
- c) "International Seminar for space Odyssey" article came in The Hindu, The New Indian Express, NewsToday, Trinity Mirror, YouTube, Sakshi (Telugu newspaper)
- d) "AeSI Aero Talntz 16" article came in The Hindu, The New Indian Express, NewsToday, Trinity Mirror.
- e) "Roadmap for future passenger drone sector" article in Mobility Engineering Magazine June 2018 issue.
- f) "Need of Human Factors Training for sustainable aerospace sector" article in Mobility Engineering Magazine December 2018 issue.
- g) "Article on India's First Flying Bike" on Indian Express EdEx online newsletter on 2<sup>nd</sup> February 2019

**(3) Awards / Achievements**

- a) "Extraordinary Contributor Award" for the service in Aerospace in India by SAEINDIA at Hotel Ramada plaza on 7<sup>th</sup> December 2017.
- b) "Best International Mentor Award" for mentoring India's First Flying Bike by IAAA at IIT, Guwahati on 2<sup>nd</sup> September 2018.
- c) "Best Faculty Advisor" by SAEINDIA at CIT, Chennai during 2013.
- d) 22 awards through Honors as Chief Guest & Invited lecture
- e) First Chief of Aerospace Development Council, SAEINDIA Southern Section 2015 & 2016.
- f) Honorary Secretary General for IAAA from 2017 – till date.
- g) EC Member & Student Competition Committee Member of AeSI Chennai Branch.