

**KCG COLLEGE OF TECHNOLOGY**

**DEPARTMENT OF AERONAUTICAL ENGINEERING**

**PAPER PUBLICATIONS BY FACULTY 2017-2018**

S.No.	Author	Title	Journal	National / International	Date
1	Dr. K Vijayaraja	Performance Optimization of Aircraft in Frontline Squadrons.	Aircraft Engineering and Aerospace Technology	International	Volume 89, Issue 2, 2017
2	Dr. K Vijayaraja	Reduction of Aircraft Downtime using Concurrent Maintenance Philosophy and Condition Based Maintenance.	Journal of Balkan Tribological Association	International	Volume 23, No 1-1, 2017
3	Dr. K Vijayaraja	Maintenance Challenges of Wankel Rotary Engines and Utility in Aviation Applications	International Journal of Theoretical and Applied Mechanics	International	Volume 12, Number 3 2017
4	Dr. K Vijayaraja	<u>Acoustic and mixing characteristic of CD nozzle with inverted triangular tabs</u>	International Journal of Ambient Energy	International	Aug-2017
5	Dr. K Vijayaraja	<u>Flow field and acoustic characteristics of elliptical throat CD nozzle</u>	International Journal of Ambient Energy	International	Aug-2017
6	Dr. K Vijayaraja	Flow field and acoustics characteristics of elliptical jet	Aircraft Engineering and Aerospace Technology	International	Aug-2017

**PAPER PUBLICATIONS BY FACULTY 2016-2017**

S.No.	Author	Title	Journal	National / International	Date
1	S.Aravindan K.K.Nithiyantham R.Prabu Rubika.M	Design and Analysis of Reduction of Induced Drag by using Ring-Wing Configuration	International Journal of Engineering Research & Technology	IJERT (International)	31.01.2017
2	K.Arun Kumar Vijayaprakash Adhil sharief.A	Computational Analysis on Gas flame acceleration using propane-air mixture	International Journal of Engineering Research & Technology	IJERT (International)	27.01.2017
3	R.Naren Shankar	Numerical Characterisation of Effect of lip thickness on CFJ	TJSASS	International	04.05.2016

4	Mr. Syam Narayanan S & Dr. Asad Ahmed	Experimental study of single and multi winglets	Advances and applications in fluid mechanics	International	April 2016
---	---------------------------------------	---	--	---------------	------------

**PAPER PUBLICATIONS BY FACULTY 2015-2016**

S.No.	Author	Title	Journal	National / International	Date
1	Dr. Asad Ahmed	"Study of Slanted perforated shapes in tabs for control of subsonic Jets"	Proceedings in 33rd Applied Aerodynamics Conference held at Dallas, Texas, USA	International	June 2015
2	Dr. Asad Ahmed	"Effect of Slanted Perforation in tabs for subsonic and sonic jets"	Proceedings in Springer Lecture Notes of Fifth International COncference on FLuid Mechanics and Fluid Power held at IIT Kanpur India	International	Jan 2016
3	DR.ASAD AHMED & SYAM NARAYANAN.S	EXPERIMENTAL STUDY OF SINGLE AND MULTI-WINGLETS	ADVANCES AND APPLICATIONS IN FLUID MECHANICS	INTERNATIONAL	07-Aug-2015
4	K.K.NITHYANANTHAM	DESIGN AND DEVELOPMENT OF CO-AXIAL ROTORCRAFT	MIDDLE EAST JOURNAL OF SCIENTIFIC RESEARCH	INTERNATIONAL	6-Feb-2016
5	SYAM NARAYANAN.S	EXPERIMENTAL INVESTIGATION OF EFFECT ON COEFFICIENT OF LIFT USING FIXED TO FLEXIBLE WING	INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH	INTERNATIONAL	07-06-2015

**PAPER PUBLICATIONS BY FACULTY 2014-2015**

Sl No	Date	National / International	Journal	Title	Author
1	March 15	International	ASME JFE	"Low Reynolds number flow characteristics of two side by side rotating cylinders"	Supradeepan, K. & A. Roy
2	June 14	International	Physics of Fluids	Characterisation and analysis of low Reynolds number flow past two side by side circular cylinders - A Numerical approach	Supradeepan, K. & A. Roy

3	Nov 14	International	Journal of Applied Engineering Research,	"Augmentation of Lift by Airfoil modification",	R. Asad Ahmed, S. Elangovan & D. Hasen,
4	Nov 14	International	Journal of Applied Engineering Research,	"Numerical simulation of supersonic free jets",	R. Asad Ahmed & S. Elangovan,