ISSN 2347-3243

Indian Journal of

Information Science <u>in Engineering</u>



Editor-in-Chief: Prof. Jia-Huai You



GBS
PUBLISHERS & DISTRIBUTORS (I)
http://www.gbspublisher.com

Indian Journal of Information Science in Engineering

Volume 3, Number 1 (2014)

Contents

Liquid Oxygen Augmented Gas Core Nuclear Thermal Rocket V. Krishnamurthy 1 and A. Vignesh2	1-6
On the Aerodynamic Performance of Dragonfly Wing Section in Gliding	7-14
Mode Syed Fahad Anweri, Intesaaf Ashraf2, Hussain Mehdii, Akhlaq Ahmad1 and Grafi H3	
Nano-indentation Behaviour of Ultrathin Polymeric Films Syed Vajib Ali.H ^{1*} , Nagamani.A ² , Yeshwanth.A ³ and Sundaram.S4	15-18
Computational Investigation of Control Effectiveness on a Near Transition Open and Closed Axisymmetric Cavity J. Sinha, S. Das, P. Kumar and J.K. Prasad	19-26
Missile Detection and Automatic Destroy System A.M. Anushree Kirthika	27-32
Designing a GPS Based Autonomous Flight Control System for an Unmanned Airship **Addesh Bhardawaj, 2Aditya Sindhu*and 3Archit Jain**	33-38
Extract of Atmospheric Errors using Pseudo Range Measurement Askit Bhalla, Vaibhav and Vaibhav Kaul	39-44
Microcontroller Based Airport Signal Lamp Control and Monitoring Amushree Kirthika	45-50

Numerical Investigation of Shock wave Turbulent Boundary Layer Interaction over a 2D Compression Ramp Asmelash Haftu Amaha	51-58
Circumferential Fan Cooling"–Elite in Turbine Life Bala Murugan R1, Vivekanandan R2, Balasubramaniyan A3, Sivakumar R4 and Senthilkumar H C5	59-62
Exploring Safety Aspects of Aviation Industry Indu Bala, Somesh Kr. Sharma, Sunanad Kumar and Rajnish Shrivastava	63-70
"Flying Saucer Rocket Propulsion" – Dominant Revolution in Space Exploration Jeyaseenivas J1, Sudhakar A2, Dhayanithi M3, Ramkumar G4 and Ranga Rai R5	71-76