

# International Journal of Mechanical and Aeronautical Engineering (IJMAE)

## CONTENTS

---

**Vol.1, No. 1,September, 2017**

**An Adaptive Smith Predictor Control Scheme for a Downstream Vacuum System.....1**

*An-Chen Lee, Shih-Chung Chang and Tai-Ho Fu*

**The Design of Car Window Control System on CAN Bus .....13**

*Wenjun Chen*

**Visual Inspection System for the Spur Gears.....17**

*Shinn-Liang Chang, Yu-Zeng Lin and Wei-Chung Chen*

**Effect of Transverse Eccentric Ballistic Damage on Static Torsional Strength of Tail Drive Shaft of Helicopter.....23**

*Qasim Zaheer, Abdullah Ehtisham and Aun Haider*

**A New Low Thermal Conductivity HT-VIC with SiC Foam Core.....28**

*S. Somashekar, Santosh Kolli*