



## Table of contents

Editorial	i
Table of contents	iii
1. Effect of rake angle and feed rate on tool wear and surface topography for different chip size in machining carbon steels Mohd Fawzi Zamri, Ahmad Razlan Yusoff .....	1
2. Effect of cutting speeds on wear performance of 22MnB5 boron steel when machining with Al 6061 aluminum alloy Mohd Fairuz Mohd Rashid, Mohd Hadzley Abu Bakar, Mohd Basri Ali, Safarudin G. Herawan, Zulkifli Ahmad .....	12
3. Optimization of machining parameters values during milling on carbon fiber reinforced plastic (CFRP) using RSM Siti Fatirah Ramli, Nor Khairussima Muhamad Khairussaleh, Suhaily Mokhtar, Aishah Najiah Dahnel, Natasha A. Raof .....	24
4. Self-cleaning plasma sprayed TiO <sub>2</sub> coatings modified by laser surface texturing process Yusliza Yusuf, Mariyam Jameelah Ghazali, Mohd Fadzli Bin Abdollah .....	39
5. Evaluation of corrosion and erosive wear behaviour of Co-Ni-Fe coating deposited by electrodeposition method Nik Roselina Nik Roseley, Koay Mei Hyie, Nik Rozlin Nik Masdek, Noor Syahadah Yussoff, Muhammad Ridzwan Abu .....	56
6. Investigation of tribological properties of stir cast AA5052/B4C MMC under different loads Murlidhar Patel, Sushanta K. Sahu, Mukesh K. Singh, Dhaneshwar Prasad Sahu .....	69
7. Effect of current distribution on angle position and current operation time in electroplating bolts Koay Mei Hyie, Salmiah Kasolang, Nik Rozlin Nik Mohd Masdek, Normariah Che Maideen, Yudi Rahmawan, Zamri A. Z. A .....	87
8. Tribological characteristics of piston ring and cylinder linear application of low friction TiN nanocomposite coatings Okka Adiyanto, Effendi Mohamad, Wonsik Choi .....	98

9. <b>The pressure distribution analysis for short hydrodynamic journal bearing with the effect of centrifugal force of lubricant</b> Nguyen Van Thang .....	108
10. <b>Fault detection and identification in friction drilling process</b> Narayana Moorthy N., Kanish T.C .....	119