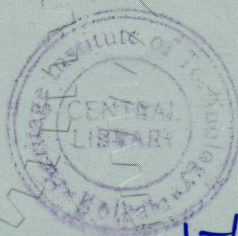


# The IUP Journal of MECHANICAL ENGINEERING



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# The IUP Journal of MECHANICAL ENGINEERING

Vol. 18 No. 1

February 2025

## Contents

### Focus

5-6

### Smart Maintenance in Industry 4.0: Optimizing Equipment Performance Through Digital Twins and Lean Six Sigma Integration

7-31

*Attia Hussien Gomaa*

### Design and Development of a Hybrid Composite Safety Helmet Using Jute and E-Glass Fiber

32-46

*M Nanthakumar, B Rajesh Kannan,*

*A Arul Marcel Moshi and K Balamurugan*



### Tribological Performance of Coatings on Automotive Piston Rings: A Review

47-70

*Harvinder Singh and Varinder Singh*