## Journal of Techniques

## 31 December 2024, Volume 6, Issue 4

TLI.	Page
Title	Number
Cover	
ENGINEERING (MISCELLANEOUS)	
A Novel Rubber Composite Sleeper-Deformation-Prediction Model Based on	1-18
Response Surface Method (RSM) and Machine Learning (ML) Techniques	1-10
Real-time Sitting Correction Using Arduino-Based Ultrasonic Sensor at the	19-26
Workplace	10-20
Enhancing the Efficiency of Routing Strategies in WSNs Using Live Streaming	27-39
Algorithms	21 00
Miniaturized Inset-Fed Microstrip Patch Sensor Based on Meander-Line Slot for	40-47
Water Measurement Applications	40-47
A New Geometry of Multi-band MIMO Antenna for 5G and 6G Systems	48-56
"1900	
MECHANICAL ENGINEERING	
Redesign the Best Model for Lower Link Arm in the MF Tractor by Finite Element	
Analysis	57-72
A Comparative Design and Analysis of Conventional and Variable Connecting	72.20
Rod of Engines	73-80
Nonlocal Modeling of Superelastic Behavior in Thin Plate with Central Hole	21 00
Shape Memory Alloys Under Mechanical Loads	81-90
MATERIAL SCIENCE (MISCELLANEOUS)	
Evaluation of Scintillation Counter Detector Using Gamma Radiation for Gold	
Detection	91-97
Influence of Ag <sub>2</sub> O Nanoparticles on the Ammonia Gas Sensing Properties of	00 100
CNT/P3HT Composite Films	98-106