



## The Journal of Industrial Technology

วารสารวิชาการเทคโนโลยีอุตสาหกรรม ปีที่ ๒๐ ฉบับที่ ๑ ประจำปี ๒๕๖๗

VOLUME 20 ISSUE 2 2024 Focused on engineering and industrial technology

## The Journal of

## **Industrial Technology**

วารสารวิชาการเทคโนโลยีอุตสาหกรรม ปีที่ ๒๐ ฉบับที่ ๒ ประจำปี ๒๕๖๗

## บทความ (Articles)

- Study of Strength and Corrosion Behavior on Aluminum A1050 and Copper C1100 Joints by Mechanical Steel Bolt, Blind Steel Rivet, and Resistance Spot Weld, The Journal of Industrial Technology, 2024, 20(2), 1-17.
- Bicycle Trainer Connected to The Grid, The Journal of Industrial Technology, 2024, 20(2), 18-33.
- Hardness Improvement on Graphite by Silicon Nitride (Si<sub>3</sub>N<sub>4</sub>) Reinforcement using Slurry Infiltration, The Journal of Industrial Technology, 2024, 20(2), 34-46.
- Application of Integrated Framework of Kansei Engineering and Kano Model Applied to Healthy Office Chair, The Journal of Industrial Technology, 2024, 20(2), 47-65.
- Research and Development of a Dual-Fuel Radiant Burner for Diverse Applications: Utilizing of Liquefied Petroleum Gas and Bio-Ethanol, The Journal of Industrial Technology, 2024, 20(2), 66-78.
- Development of Infectious Waste Prototype Bin for Public Toilets in Commercial Buildings, The Journal of Industrial Technology, 2024, 20(2), 79-96.
- Application of Failure Mode Effect and Critical Analysis for Risk Management: A Case of Road-rail Transport at the Thai-Lao PDR Cross Border, The Journal of Industrial Technology, 2024, 20(2), 97-111.
- Effect of Injection Pressure to Fuel Consumption of Single Cylinder Diesel Engine for Agriculture,
  The Journal of Industrial Technology, 2024, 20(2), 112-124.
- An Optimization Process of Automatic Finishing Surface Treatment Al 7075 by a Single Roller Burnishing Tool, The Journal of Industrial Technology, 2024, 20(2), 125-140.
- A Study of the Freeze-Drying Process for Probiotics in Yogurt Produced from a Typical Household Freeze Dryer, The Journal of Industrial Technology, 2024, 20(2), 141-151.
- The Study of the Effect of O<sub>2</sub> Contamination on Discoloration at Root Pass Welding of Titanium Grade 2 Pipe ASTM B 861 Using Gas Tungsten Arc Welding, The Journal of Industrial Technology, 2024, 20(2), 152-164.
- The Work Station Improvement by Ergonomics Principle to Reduce Fatigue from Work of Worker's in Smoked Rubber Sheets Processing, The Journal of Industrial Technology, 2024, 20(2), 165-183.
- ldentifying the Optimal Location and Capacity of Distributed Generation for Improving Reliability in Distribution System, The Journal of Industrial Technology, 2024, 20(2), 184-195.
- Efficiency Enhancement of An Inductive Power Transfer System Used for Battery Charging Through Frequency Control and Compensation Adjustment, The Journal of Industrial Technology, 2024, 20(2), 196-211.
- Fiffect of the Ternary Blends (Ethanol-Biodiesel-Diesel) on Deterioration of a Stationary Agricultural Engine,
  The Journal of Industrial Technology, 2024, 20(2), 212-228.

จัดพิมพ์โดย: หน่วยวิจัยและส่งเสริมวิชาการ วิทยาลัยเทคโนโลยีอุตสาหกรรม มหาวิทยาลัยเทคโนโลยีพระจอมเกล้าพระนครเหนือ 1518 ถนนประชาราษฏร์ 1 แขวงวงศ์สว่าง เขตบางชื่อ กรุงเทพฯ 10800 โทร. +66 2 555-2000 ต่อ 6615 Email JIT.journal@gmail.com