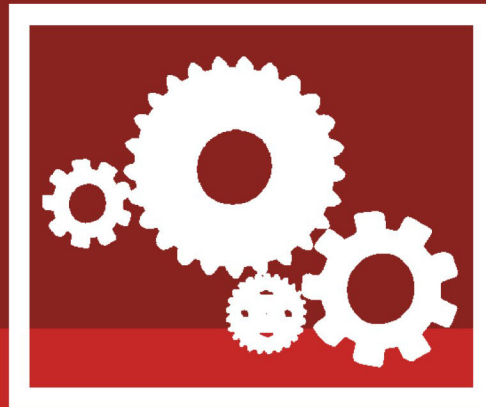


ISSN Print: 2305-3631, ISSN Online: 2306-5982

International Journal of Engineering and Manufacturing



IJEM Vol.11

[Http:// www.mecs-press.org](http://www.mecs-press.org)

Vol. 11 No.5 October 2021

International Journal of Engineering and Manufacturing (IJEM)

ISSN Print: 2305-3631, ISSN Online: 2306-5982

Volume 11, Number 5, October 2021

Contents

REGULAR PAPERS

Neural Networks-based Process Model and its Integration with Conventional Drum Level PID Control in a Steam Boiler Plant 1

Douglas T. Mugweni, Hadi Harb

Parametric optimization of Liquid Flow Process by ANOVA Optimized DE, PSO & GA Algorithms 14

Pijush Dutta, Madhurima Majumder, Asok Kumar

Cropland Mapping Expansion for Production Forecast: Rainfall, Relative Humidity and Temperature Estimation 25

Prodipto Bishnu Angon, Imrus Salehin, Md. Mahbubur Rahman Khan, Sujit Mondal

Online Signature Verification Using Fully Connected Deep Neural Networks 41

Snehal Reddy Yelmati, Jayasree Hanumantha Rao

COVID-19 Patient Health Monitoring System 48

Anurag Tatkare, Hemangi Patil, Tejal Salunke, Shreya Warang, Dipak Marathe
