

ISSN Print: 2305-3625 ISSN Online: 2305-8463

International Journal of Education and Management Engineering



IJEME **Vol.16**

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

Vol. 16 No.3 June 2026

International Journal of Education and Management Engineering (IJEME)

ISSN: 2305-3623(Print), ISSN: 2305-8463(Online)

Volume 16, Number 3, June 2026

Contents

REGULAR PAPERS

ONTOGRAZING: A Semantic Monitoring and Decision-Support Framework for Sustainable Grazing Management <i>Ngazia Balama, Gazissou Balama, Isaac Touza, Daouda Hassana Daouda, Dayang Paul</i>	1
Enhancing ATM Card Fraud Detection in Nigeria: A High-Performance Model with AI-Based Spending Pattern Analysis and Biometric Authentication <i>Pradeep B. M., Sudeep J., Shivashankara S., Pavithra D. R., Ananth G. S.</i>	15
Enhancing Customer Experience in Real-Time Travel Reservation Systems through AI-Powered Multi-Agent Systems for Dynamic Support Optimization <i>Biman Barua, M. Shamim Kaiser</i>	29
An Intelligent, Bilingual Pregnancy Health Monitoring System <i>Isah Omeiza Rabiou, Bitrus Judah Tanko, Nuhu Bello Kontagora</i>	46
Smart Diagnosis: An Ensemble Machine Learning Web Application for Early Detection of Alzheimer's Disease <i>Yetunde D. Otun, Abosede O. Oguntunde, Samson A. Arekete, Oluwole B. Olajide, Benjamin S. Aribisala</i>	62
Enhancing Student's Skillset by Add-on Certification of NPTEL/SWAYAM NIELIT Courses under ISE Component <i>Sachin S. Patil, Reva S. Patil, Ankita S. Patil</i>	81
Quantum Key Distribution-Enabled Federated Learning over Blockchain for Privacy-Preserving AI in Large-Scale IoT Networks <i>David Shiala Ongoma</i>	94
RiceVision: A Cross-Platform System for Real-Time Rice Variety Identification Using Deep Learning <i>Al Hossain Abid, Mirza Niaz Morshed, Md. Ashif-Ul-Haque, Md. Masudul Islam, Md. Shafiqul Islam</i>	105
