

ACADEMIC STAFF PROFILE



Name: ENEMAKU, Lawrence Ebenehi
(M. Eng.; B.Eng. (ABE); COREN; NSE; MNIAE, MIAENG; EM-PMP, HSE-MS Level 1 & 3; Lecturer II)

School: Engineering Technology

Department: Agricultural and Bio-Environmental Engineering

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Research Interest: Farm, Safety Practices in Agricultural Operations, Innovative Agro-Eco Friendly Technological Practices, Agricultural Waste Management; and Innovative Farming Mechanization Technologies.

Awards and Honours NYSC Millennium Development Goals Advocacy Project. No.16876 - 2009

Lecturing Areas:

- Tractor Operation and Maintenance ABE 112;
- Farm Machinery and Mechanization I ABE122;
- Farm Machinery and Mechanization II ABE 222;

- Farm Machinery Maintenance ABE 230
- Livestock Mechanization Practices ABE 125
- Industrial Safety MEP 322
- Farm Tractors, Operations and Maintenance ABP 321
- Instrumentation ABP 314
- Animal Farm Mechanization APT 311
- Agricultural Personnel Management AGR 402

Conferences Attended:

The Federal Polytechnic, Ilaro Ogun State, Nigeria.

3rd International Conference 16th – 17th August, 2022

Theme: Revamping the Economy: The TVET Perspectives

The Federal Polytechnic Ilaro, Ogun State, Nigeria.

5th School of Engineering Conference National (Virtual) 8th-10th November, 2021.

Theme: Impact of Engineering and Technological Advancement Towards Achieving SDG 2030 in Nigeria.

The Federal Polytechnic, Ilaro, Ogun state, Nigeria.

2nd International Conference (Virtual) 10th-11th November 2020.

Theme: Emerging Trends in TVET as a Contribution for Global Competitiveness.

The Nigerian Society of Engineers (NSE), Ilaro branch, Ogun state

1st National Conference 2nd -4th November, 2020.

Theme: Research and Innovations Through Academia-Industry Synergy: Panacea for Technological and National Development in Post COVID-19 Era.

Plateau state Polytechnic, Barkin-Ladi, Nigeria

2nd National Conference: School of Science and Engineering Technology; 28th -30th September, 2020.

Theme: Innovative Science, Technology and Engineering; Embracing Change in the Present and Emerging Future.

The Federal Polytechnic Ilaro, Ogun State, Nigeria.

4th National Engineering Conference. 25th-28th November, 2019.

Theme: Growing the National Economy through Technological Advancement, Engineering, Innovation and Application.

The Federal Polytechnic, Ilaro, Ogun state, Nigeria.

1st International conference and Exhibition on Technological innovation and global competitiveness. 5th – 8th November, 2018.

Theme: Knowledge and Technological innovation for global competitiveness.

The Federal Polytechnic, Idah, Kogi state, Nigeria.

4th National Engineering conference. 31st July – 3rd August, 2017.

Theme: Engineering and Technology, strategies for diversifying Nigeria's economy.

The Federal Polytechnic Ilaro, Ogun State, Nigeria.

3rd National Engineering Conference. 7th-10th March, 2016.

Theme: Challenges of energy, Transformation, Technical education and Transfer of Technology on sustainable economic growth in Nigeria.

Published Journals

- L.E. Enemaku & C.B. Ogunlade, (2021). Mitigating The Impact of Climate Change On Food Security in Nigeria Through Innovative Farming Technology. *Plateau Hills Journal*

of Science and Engineering; A Publication of the Schools of Science and Engineering Technology Plateau State Polytechnic, Barkin Ladi –Nigeria, 2(2), Pp 117-126.

- Enemaku, L. E. & Oluwagbayide, S., (2021). Impact Assessments of Occupational Farm-Safety on Nigeria Agro-Economy Recovery Agenda. *Techno-Science, Scientific Journal of Burdur Mehmet Akif Ersoy University, (Turkey) 4(1), Pp1-6.*
- Enemaku, L.E. & Ogunlade, C.B. (2021). Assessment of the Effects of Farm Technologies Input Adopted by Subsistence Farmers' in Kogi State, Nigeria. Nigeria. *International Journal of Women in Technical Education and Employment (IJOWITED), The Federal Polytechnic, Ilaro Chapter, 2(1), Pp111-117.*

Major Research Undertaken

- Design and Construction of Smart Greenhouse Structure (2022)
- Designed and Fabrication of Maize Dehusker-Sheller (2021).
- Design, Fabrication and Evaluation of Single Wheel Operated Agro-Chemical Boom Sprayer (2020).
- Design, Fabrication and Evaluation of a groundnut roasting and winnowing machine (2019).
- Design, Fabrication and Evaluation of an Air-cooled 350A electric arc welding machine (2018).
- Design, Fabrication and Evaluation of a groundnut dehulling machine (2017).
- Design, Fabrication and Evaluation of palm oil processing machine (2016).
- Design, Fabrication and Evaluation of palm kernel processing machine (2016).

Seminar/Workshop Attended:

Capacity Building Workshop for Cooperative Stakeholders by Ministry of Community

Development and Cooperatives, Ogun State; August 3rd, 2021.

Staff Development Seminar by School of Engineering; The Federal Polytechnic, Ilaro, for Departmental Officers, Advisers and Counsellors; February 1st, 2021

Advanced Digital Appreciation Program for Tertiary Institutions on Statistical Package for Social Sciences by *Digital Bridge Institute*. Nov. 30th-Dec. 4th, 2020.

The Federal Polytechnic, Ilaro one (1) day in-house training workshop for newly recruited staff. Wednesday 27th March, 2019.