



CURRICULUM VITAE

PERSONAL INFORMATION

Name: Engr Aliyu Mohammed Lawal

Date of Birth: 20th May, 1973

State of Origin: Bauchi

L.G.A Toro

Nationality: Nigerian

Sex: Male

Address: School of Engineering Technology Abubakar Tatari Ali Polytechnic, Bauchi

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Languages spoken: Hausa and English

EDUCATION

2015: Bayero University, Kano
M. Eng (Energy Engineering)

2005: Bayero University, Kano
B. Eng (Mechanical Engineering)

1987: Government Science Secondary School Gombe G. C. E.

PROFESSIONAL REGISTRATION

2017: NIMECH'E L00078

2018: COREN R42,240

EXPERIENCE

2022 Principal Lecturer

Department of Mechanical Engineering Technology ATAP, Bauchi

2004: Industrial Attachment at Kaduna Refinery and Petrochemicals

2003: Industrial Attachment at Ashaka Cement Factory

RESEARCH WORK

- Pollution Control in Cement Companies and in General
- Energy Potential of Municipal Solid Wastes
- Fuel Consumption of Vehicles
- Energy Content and Thermal Performance of Various Fuel Woods

COURSES ATTENDED

Attended a number of courses and exhibitions related to mechanical engineering

JOURNALS AND PUBLICATIONS

- 1. Evaluation of Improved Wood Burning Stoves Using Tsirir, Marke and Kalgo Wood Species Found in Bauchi State Nigeria.** Published by International Journal of Advances in Engineering and Management (IJAEM) ISSN: 2395 – 5252, volume 3, Issue 13, pp 962 – 972. December, 2021.
- 2. Analysis of Thermal Performance of Improved Wood Burning Stoves Using Different Wood Species Found in Northern Nigeria.** Published by International Journal of Scientific Engineering and Science (IJSSES) ISSN: 2456 – 7361, Volume 5, Issue 12, pp: 107 – 112. December, 2021

3. **Design and Fabrication of Bench Scale Equipment for the Production of Styrofoam Adhesive.** Published by International Journal of Advances Research in Science and Engineering (IJARSE) ISSN: 2319 – 8354, Volume 10, Issue No. 12, pp 61 – 70. December, 2021.
4. **Design and Simulation of Microcontroller based Radio Frequency Identification (RFID) Lock System.** Published by International Journal of Advances in Engineering and Management (IJAEM) ISSN: 2395 – 5252, Volume 2, Issue 3, pp: 521 – 538.
5. **Assessment of Wind Power and Energy Content of ATAP, Bauchi Using Weighbul and Rayleigh Distribution Function.** Published by International Journal of Advances in Engineering and Management (IJAEM) ISSN: 2395 – 5252, Volume 2, Issue 4, pp: 224 – 230. July, 2020.
6. **Design Fabrication and Analysis to Reduce Carbon Monoxide Emission from Home Generator Set Using Coated Stainless Pipe.** Published by International Journal of Advances in Engineering and Management (IJAEM) ISSN: 2395 – 5252, Volume 2, issue 3, pp: 511 – 513.

Contributions to Abubakar Tatari Ali Polytechnic

- I participated in various Management and Academic Board committees of ATAP
- I have been Head of Department Mechanical Engineering and currently Dean School of Engineering

Referees:

1. Engr Professor Isa Garba
Academy Provost, Nigeria Defense Academy, NDA Kaduna
2. Engr Dr. Bawa Mohammed Ahmed
Department of Mechanical Engineering ATBU Bauchi
3. Dr. Alhaji Adamu Saidu
Rector, Abubakar Tatari Ali Polytechnic, Bauchi

