

ACADEMIC STAFF PROFILE

1. **Name:** ABDULHAMID, I.G
2. **School:** Engineering
3. **Department:** Electrical/Electronic Engineering, Federal Polytechnic Ilaro
4. **Research Interests:**

- a. Instrumentation and Controls
- b. Precision Agriculture
- c. Smart Sensors
- d. Wireless Sensor Networks

5. **Teaching Areas:**

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|--|----------------|
| a. Electrical Measurement And Control Iii | EEI 311 |
| b. Instrumentation And Control | MEC 314 |
| c. Electrical/Electronic Instrumentation I | EEC 126 |

6. **Journal Publications**

Abubakar, H.D., **Abdulhamid, I.G** & Ahmad, B.M. (2020). Effective Energy Conservation System for Hostel. International journal of latest technology in Engineering, Management and applied sciences (IJLTEMAS). Vol IX (VII). ISSN: 2278-2540

Okoye, C.U., Bitrus I., Alao, M.J., Adelakun, N.O & **Abdulhamid, I.G** (2018). A Study and Analysis of Energy Generation and Consumption in Dangote Plant, Ibese, Ogun State, Nigeria. Global Journal of Advanced Engineering Technologies, And Sciences (2018), Vol. 5(11).

7. **Conferences Attended and Papers Presented**

Muhammad, B. & **Abdulhamid, I.G.** (2020). Enhancement of Safety and Security of Students' Hostel Through Automation Scheme. 1st National Conference of Nigerian Society of Engineers (NSE), Ilaro Branch, 2-3 Nov, 2020

Bitrus, I. & **Abdulhamid, I.G.** (2020). Implementation of Off-Grid Solar Photovoltaic System For a Two Bedroom Apartment. 2nd International conference, The federal polytechnic, Ilaro. Nov 2020

Abdulhamid, I.G & Afunlehin, O.A (2019). The Need for Precision Agriculture in Nigeria, 4th National Engineering Conference On Growing The National Economy Through Technological Advancement, Engineering, Innovation And Application, The Federal Polytechnic, Ilaro, **25th-28th Nov.**

Fadare, S.A & **Abdulhamid, I.G** (2018). Empirical Design of Solar Power System for Barbings Salons in Rural Areas: Ilaro as Case Study, 60th Anniversary, Annual Conference and AGM of The Nigerian Society of Engineers On Sustainable Engineering Infrastructure for Accelerated Rural Development, **28th -30th, Nov.**

Afunlehin, O.A & **Abdulhamid, I.G** (2018). The Effect of Washout Filter In Derivative Control, 1st International Conference and Exhibition On Technological Innovation for Global Competitiveness, The Federal Polytechnic, Ilaro, Ogun State, **5th-8th Nov.**

Abdulhamid, I.G., Fadare, S.A & Bitrus, I (2018). Development of an Automatic Monitoring System of a Greenhouse Environment Using Zigbee, 1st International Conference, and Exhibition On Technological Innovation For Global Competitiveness, The Federal Polytechnic, Ilaro, Ogun State, **5th-8th Nov.**

Bitrus, I., Okoye, C.U. & **Abdulhamid, I.G** (2018). The Need to Embrace Tidal Power Plant in Nigeria for Global Competitiveness in Power Sector. 1st International Conference and Exhibition On Technological Innovation for Global Competitiveness, The Federal Polytechnic, Ilaro, Ogun State, **5th-8th Nov.**

8. Seminar/Workshop Attended

1. 3- Day Mandatory continuing professional Education (MCPE) course for Prospective Corporate Members organized by the Nigerian Society Of Engineers (NSE)

October 2020

2. A 2day Workshop On Teaching Methodology For Some Categories Of Academic Staff Held At Raheem Oloyo International Conference Centre

12th February 2020

3. 1-Day In-House Workshop for Newly Recruited Staff Held at Raheem Oloyo International Conference Centre

27th March 2019

4. Seminar On Codes and Standards for Energy and Telecommunication Held at Chida Event Centre, Utako, Abuja, Organized by West African Federation Of Engineering Organization(WAFEO)

28th Nov 2018

5. A Two Week Training On Visual Basic.Net, C# and Matlab Held at The Federal Polytechnic Ilaro, Ogun State

19-30th March 2018

6. Two Day Capacity Building Training Workshop On Ethical Conduct Amongst Academic Staff Towards Efficient Management of The Federal Polytechnic, Ilaro.

20-21st December 2017

Summary of Profile:

Mr. ABDULHAMID, I.G. obtained a B.Eng. in Electrical Engineering from Kano University of Science and Technology, Wudil, Kano State, Nigeria. He has also obtained an M. Tech. degree in electrical/Electronic Engineering (Instrumentation and Control Engineering) at Sharda University, Greater Noida, Uttar Pradesh, India. He currently works as a lecturer at Department of Electrical/Electronic Engineering, The Federal Polytechnic Ilaro, Nigeria. His research interests include renewable energy systems. He has excellent interpersonal, presentation and communication skills, capable of working effectively in a team and has the ability to handle challenges with ease.