



### PERSONAL INFORMATION

Name	Deshi Maurice Jude
Email	<a href="mailto:ogak2018@gmail.com/deshi2017maurice@yahoo.com">ogak2018@gmail.com/deshi2017maurice@yahoo.com</a>
Personal Website	<a href="https://scholarprofiles.com/deshimauricejude">https://scholarprofiles.com/deshimauricejude</a>
Date Of Birth	5th August, 1992
Profession	Engineering
Discipline	Electrical and Electronics Engineering
Phone Number	07033343452
Nationality	Nigeria
State	Plateau
Local Government	Kanke
Marital Status	Married
Sex	Male
Qualification	M.Eng. Electrical Engineering (Electronics)
Degree in view	PhD. Control Engineering (presented 3 out of 4 seminars)

### TERTIARY EDUCATION

Abubakar Tafawa Balewa University, Bauchi	PhD. Student (Control Engineering)	
Abubakar Tafawa Balewa University, Bauchi	M.Eng. (Electronics Engineering)	Distinction (CGPA 5.00)
Abubakar Tafawa Balewa University, Bauchi	B.Eng. (Electrical and Electronics Engineering)	Second class upper (CGPA 4.34)

## SECONDARY EDUCATION

Government Secondary School Forkhir, WASCE/NECO 2010  
Amper

## PRIMARY EDUCATION

Roman Catholic Mission (RCM) Primary First School Leaving Certificate 2004  
School, Amper

## ACADEMIC PUBLICATIONS

### *Journals Publications*

Development of Counter Based Digital Capacitance Meter Implementation Using Synchronized Relaxation Oscillator <https://ijasre.net/index.php/ijasre/article/view/13>

Armature Regulation of DC Motor Using PI Controlled DC-DC Flyback Converter <https://www.irejournals.com/formatedpaper/1702934.pdf>

Classical and Intelligence Speed Control Techniques for Separately Excited DC Motor [https://www.ijareeie.com/upload/2021/december/5\\_Classical\\_NC.pdf](https://www.ijareeie.com/upload/2021/december/5_Classical_NC.pdf)

Performance Evaluation of Single and Three-Phase 21-Level Symmetric Cascaded H-Bridge Multilevel Inverter using Level shifted POD-PWM Technique [https://www.researchgate.net/publication/397730682\\_Performance\\_Evaluation\\_of\\_Single\\_and\\_Three\\_Phase\\_21-Level\\_Symmetric\\_Cascaded\\_H-Bridge\\_Multilevel\\_Inverter\\_using\\_Level\\_Shifted\\_POD-PWM\\_Technique](https://www.researchgate.net/publication/397730682_Performance_Evaluation_of_Single_and_Three_Phase_21-Level_Symmetric_Cascaded_H-Bridge_Multilevel_Inverter_using_Level_Shifted_POD-PWM_Technique)

### *Books publications*

Fundamentals of Science and Engineering Mathematics <https://www.amazon.com/Fundamentals-Science-Engineering-Mathematics-light/dp/B09FS2THK1>

Advance Mathematics for Science and Engineering <https://www.amazon.com/-/es/Deshi-Maurice-Jude/dp/B09QG55VH1>

## AWAITING PUBLICATION

Development of Control Strategies for Harmonic Mitigation in Solar PV Multilevel Inverters: A Hybrid AI-Based Approach *Journal of Electrical Systems and Information Technology (Under Review)*

Design and Optimization of a High-Efficiency Boost Converter with Enhance Perturb and Observe MPPT for Grid-Connected Solar PV Systems      Journal of Electrical Systems and Information Technology (Under Review)

### **JOURNAL ROLE**

Member, Reviewer Board of International Journal of Science, Technology and Society (IJSTS)      <http://www.ijsts.net/reviewers>

### **ACADEMIC PROFILE**

Research gate      <https://www.researchgate.net/profile/Deshi-Jude>  
Academia      <https://atbunet.academia.edu/Deshijude>  
ORCID      <https://orcid.org/my-orcid?orcid=0009-0000-2059-9354>  
Mathworks      <https://www.mathworks.com/matlabcentral/profile/authors/20161898>  
Youtube      [www.youtube.com/@deshimauricejude2379](http://www.youtube.com/@deshimauricejude2379)  
Linkedin      <https://www.linkedin.com/in/deshi-maurice-6998b82aa?originalSubdomain=ng>

### **SOFTWARE SPECIALIZATION**

MATLAB and Simulink  
Proteus Simulations  
LTspice Simulations

### **RESEARCH INTEREST**

Power Systems and Control  
Power Electronics Converters  
Renewable Energy  
Artificial Intelligence and Machine Learning

### **LEADERSHIP**

Former HOD of Mathematics Department Sunshine International School, Bauchi  
Former Head Boy, Government Secondary School Forkhir, Amper  
Former JETS President, Government Secondary School Forkhir, Amper

## WORK EXPERIENCE

Part time Lecturer at ATBU, Bauchi	2025 till date
Tutor at GauthMath	2023 till date
Further Mathematics Tutor at Sunshine International School Bauchi	2021-2025
Former Tutor at Airmath	2022-2023
Former Engineer at Bauchi State Ministry of Works and Transport	2017-2018
Former Sound monitoring and Device maintenance Engineer at Silver Bird Communications Jos	2015-2016
Former Broadcast Engineer at Plateau Radio Television Corporation (PRTVC) Jos	2014-2015

## SCHOLARSHIPS

Petroleum Technology Development Fund In-Country scheme (PTDF-ISS)	PhD. Category
Federal Government Scholarship Award for Nigerian Students (FSB-NA)	M.SC Category

## PROFESSIONAL MEMBERSHIP

- Member, International Association of Engineers (IAENG)
- Member, Nigerian Societies of Engineers (NSE)

## REFREES

Deshi Bartholomew Maurice	Resident Doctor, Federal Medical Centre (FMC), Abuja +234 8063573934, <a href="mailto:deshibartholomew25@gmail.com">deshibartholomew25@gmail.com</a>
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Deshi CV