

CURRICULUM VITAE (RESUME)

Name: ABDULLAHI AYEGBA

Date of Birth: 07/06/1984

Present position: Engr I, Department of Engineering and space systems

Employer: National Space Research and Development Agency (NASRDA), Abuja, Nigeria.

Educational qualifications: ND &HND (Electrical/Electronics Engineering- Federal Polytechnic, Idah, Kogi state), PGD (Education-NTI, Kaduna, Nigeria), PGD(Satellite communication-African Regional Centre for Space Science and Technology Education in English,Ile-ife, Nigeria), MTECH(Space science and technology, about to end- African Regional Centre for Space Science and Technology Education in English, Ile-ife, Nigeria/Federal university of technology, Akure, Nigeria)

Details of employers

Engineer, NASRDA, Abuja	From: 2013	Till: date
Associate lecturer, Kogi state college of health science and tech	From : 2012	Till: 2013
Principal, Victory Sec. sch. Idah, Kogi state	From: 2011	Till: 2012
Maths/physics tutor, St Kizito Seminary, Idah	From: 2004	Till: 2011

Major research areas:

Satellite communication, mobile/wireless communication, solar power system, Radio propagation, Satellite electrical power system and antenna.

List of projects carried out:

1. Design and construction of solar tracking system
2. Drafting of electrical wiring of four bedroom bungalow
3. Design and construction of 3kw solar inverter
4. Telemedicine framework for rural area; A case study of Fubur village, plateau state, Nigeria
5. Design of distance learning system for Ibaji community of Kogi state, Nigeria.

6. Design and simulation of solar electrical system for the computer lab of the federal polytechnic Idah, Kogi state.
7. Design and simulation of electrical power subsystem of a low earth satellite.

List of published academic textbooks

1. Analyzed Mathematics volume I
2. Easy Understanding Introductory Technology
3. Better Foundation Mathematics
4. Easy Understanding Health Education
5. Easy way to calculations in Economics
6. Basic principles of science
7. Fundamental Approach to Basic Science
8. Accord Practical Physics
9. Analyzed Mathematics Vol II
10. Orbital mathematics
11. Introduction to calculations in electromagnetic waves
12. Elementary approach to space science and technology
13. Elementary approach to computer mathematics
14. Introduction to MS excel

List of published papers

1. Design And Simulation Of Solar Power System For Satellite Ground Station - A Case Study Of National Centre For Remote Sensing, Jos, Plateau State, Nigeria- International Journal For Research & Development In Technology
2. Investigation Of Global Solar Energy Potential Of Jos, Plateau State- International Journal Of Trend In Research And Development.
3. Design of a 4.5GHz rectangular microstrip patch antenna- international journal of trend in research and development.
4. Variation of Radio Refractivity with Season: A case study of Ikeja , Lagos state, Nigeria- International Journal of Science and Engineering Research

5. IMPACT OF DIELECTRIC CONSTANT ON THE DIMENSION OF SQUARE MICROSTRIP PATCH L-BAND ANTENNA- International Journal of Science, Engineering and Technology Research
6. Experimental Determination of Three Hourly Refractivity of IDAH, Kogi State, Nigeria- International Journal of Science and Research (IJSR)
7. The seasonal variation of radio refractivity over Abuja- International Journal Of Trend In Research And Development.
8. Assessment Of Global Solar Radiation: A Case Study Of Abuja, Nigeria- International Journal Of Trend In Research And Development.
9. Assessing the Seasonal Variation in Global Solar Radiation of Lagos State, Nigeria- International Journal of Scientific and Research Publications
10. Estimation Of Global Solar Radiation Of Portharcourt, Nigeria And How It Is Influenced By Daily Temperature Range-International Journal of Science, Engineering and Technology Research
11. Examining The Effect Of Solar Cells Percentage Degradation On The End-Of- Life Power Of A Satellite-International Journal For Research & Development In Technology
12. “Impacts of Relative Humidity and Mean Air Temperature on Global Solar Radiations of Ikeja, Lagos, Nigeria-International Journal of Scientific and Research Publications
13. A study of consumers’ experience on online shopping in Nigeria- International Journal For Research & Development In Technology

List of papers yet to be published

1. Assessing the effect of frequency and dielectric constant variation on the conductance of microstrip patch antenna
2. A study of the variation of global solar energy potential of Kogi state Nigeria
3. Assessing the global solar radiation of plateau state, Jos.
4. Examining the global solar radiation of Benue state, Nigeria.
5. Assessment of reference Evapotranspiration of Abuja, Nigeria.