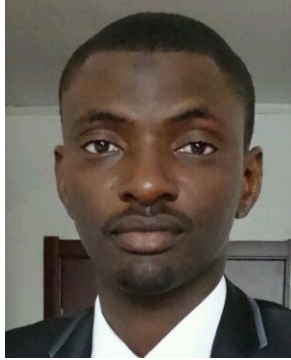




CURRICULUM VITAE



Abdurrahman Ahmad Umar

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Education

Year of Award	Degree Type	Institution
2014	M.Eng. (Mechanical)	Liaoning University of Technology, China
2009	B.Eng. (Mechanical)	Bayero University, Kano

Areas of Research Interest

- Digital design and manufacturing (CAD/CAE/CAM)
- Strength of materials
- Finite element analysis

Appointments

Date	Position	Employer
2014-2017	Assistant Lecturer	Bayero University, Kano
2012-2014	Graduate Assistant	Bayero University, Kano



Professional Qualification (Membership/Affiliation)

Registered Engineer - Council for the regulation of Engineering in Nigeria (**COREN**)
Corporate Member - Nigeria Society of Engineers (**NSE**)
Corporate Member - Nigerian Institution of Mechanical Engineers (**NIMechE**)
Graduate Member - Nigerian Institute of Management (**NIM**)

Publications

a. Journal Papers (15 most recent)

- 1 **Abdurrahman Ahmad Umar**, Abdulrahaman Shuaibu Ahmad, Auwalu Gidado Yusuf and Zulfiqar Ibrahim Bibi Farouk, Effect of Face Width on Bending Stress of Spur Gear Using AGMA and FEA. *Advanced Material Research Vols. 945-949 (2014)*, Trans Tech Publications, Switzerland. www.scientific.net/AMR.945-949.840.
- 2 A.Y Gidado, I. Muhammad, **A. A. Umar**, Design, Modelling and Analysis of helical gear according bending strength using AGMA and ANSYS. *International Journal of Engineering Trends and Technology (IJETT)* - Volume 8, Number 9 - February, 2014. www.ijettjournal.org/archive/ijett-v8p287.
- 3 Abdulrahaman Shuaibu Ahmad, Prof. Dr. Qing He, **Abdurrahman Ahmad Umar**, Saidu Bello Abubakar, Modal analysis of Double rotor Travelling wave Rotary Ultrasonic Motor (DTRUM) (Single Degree of freedom. *IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)* Volume 11, Issue 2, Version IV (March-April, 2014)

b. Conference Proceedings (15 most recent)

- 1 **A. A. Umar**, M. T. Sa'id, and A. G. Yusuf, Effect of Final Drive Transmission Ratio on Fuel Economy of Conventional Automobile. International Conference on Green Engineering for Sustainable Development (IC-GESD2015)
- 2 **Abdurrahman Ahmad Umar**, Abdulrahaman Shuaibu Ahmad, Auwalu Gidado Yusuf and Zulfiqar Ibrahim Bibi Farouk, Effect of Face Width on Bending Stress of Spur Gear Using AGMA and FEA.