

CURRICULUM VITAE



BIO DATA

NAME: NJOKU ROMANUS E
SEX: MALE
MARITAL STATUS MARRIED
HOME TOWN: MGBOWO
LOCAL GOVT. AREA: AWGU
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EDUCATIONAL DATA

SCHOOLS ATTENDED/OUALIFICATIONS OBTAINED

1. UNIVERSITY OF NOTTINGHAM, UK **PhD(MANUFACTURING ENGRG)** IN VIEW
2. AHMADU BELLO UNIV. ZARIA, **M.SC(MET ENGRG)** 1998
3. FED UNIV. OF TECH (FUTO), OWERRI **B.ENG(MET &MATS ENGRG)** 1991
4. BOYS' SECONDARY SCHOOL, MGBOWO **WASC** 1986

WORKING EXPERIENCE

1. DEFENCE INDUSTRIES CORPORATION (DIC), KADUNA (NYSC) 1992-1993
2. PROVIDENCE HIGH SCHOOL, ENUGU 2000-2004
3. UNIVERSITY OF NIGERIA, NSUKKA, **LECTURER II** 2005-2010
4. UNIVERSITY OF NIGERIA, NSUKKA, **LECTURER I** 2010-DATE
5. UNIVERSITY OF NOTTINGHAM, UK, **LAB DEMONSTRATOR** 2012-2014
6. **CO-EDITOR**, NIGERIAN JOURNAL OF TECHNOLOGY

DUTIES

1. TEACHING ASSIGNED COURSES
2. SUPERVISION OF FINAL YEAR PROJECTS
3. DEPARTMENTAL SIWES COORDINATOR (2005-2009)
4. DEPARTMENTAL TIME-TABLE COORDINATOR (2009-2011)
5. ACTING HOD.

EXTRA-CURRICULA ACTIVITIES: READING, LISTENING TO MUSIC, TABLE TENNIS, GYMING, INDOOR GAMES.

PUBLICATIONS

1. **Njoku, R. E**, Oloche, B. O and Obikwelu, D. O. N. Effects of Selected Aldehyde on Corrosion of Low Carbon Steel in Hydrochloric Acid Pickling Solution. *Journal of Metallurgical and Materials Engineering*, Vol. 4, No. 1. 2009, p23-27.
2. **R. E. Njoku** and D. O. N Obikwelu, Swelling Characteristics and Tensile properties of Natural Fiber Reinforced Plastic in Selected Solvent. *Nigerian Journal of Technology*, Vol. 27, No. 2, 2008, p58-63
3. **R. E. Njoku**, A. E. Okon and T. C. Ikpaki, Effects of Variation of Particle Size and Weight Fraction on the Tensile Strength and Modulus of Periwinkle Shell Reinforced Polyester Composite . *Nigerian Journal of Technology*, Vol. 30, No. 2, 2011, p87-93
4. **R. E. Njoku**, C. S. Obayi and P. S. Nnamchi, Hybrid Effect on the Mechanical Properties of Sisal Fiber Reinforced Polyester Composite. *Nigerian Journal of Technology*, Vol. 30, No. 3, 2011, p97-102.
5. **R. E. Njoku**, I. Ofili. D. O. Agbiogwu and C. Agu. Effects of Alkali Treatment and Fiber Content Variation on the Tensile Properties of Coir Fiber Reinforced Cashew Nut Shell Liquid (CNSL) Composite. *Nigerian Journal of Technology*, Vol. 31, No. 2, 2012.
6. **Njoku, R. E** and Ugwu, B. N. Investigation of Matrix Crack Growth in E-Glass Fiber Reinforced Polyester Composite. . *Journal of Metallurgical and Materials Engineering*, Vol. 6, No. 2. 2011.
7. **Njoku, R. E** and Agbiogwu, D. O. Effects of KenafFiber Reinforcement on the Mechanical Properties of Cashew Nut Liquid Based
8. C. S. Obayi, B. A. Okorie, D. O. Obikwelu, **R. E. Njoku** and Diego, M. Biodegradable Material for Biomedical Applications: A paradigm Shift. Conference of Nigerian Metallurgical Society, Akure 2011.
9. **Njoku, R. E**, Agbiogwu, D. O, and Nnamchi, P. S. Mechanical Peoperties of Recycled Waste High Density Polyethylene/KenafFiber Composite Biopolymer Composite. *Journal of Metallurgical and Materials Engineering*, Vol. 2, No. 2013.
10. **Njoku, R. E** and Kennedy, A. R. Effects of Sintering Temperature on the Density and Porosity of Sodium Chloride Preforms for Open Cell Aluminium Foam Manufacturing. *Nigerian Journal of Technology*, Vol. 1, No. 2, 2012.

11. P. S. Nnamchi, and **R. E. Njoku**, Alloy Design and Property Evaluation of Ti-Mo-Nb-Sn Alloy for Biomedical Applications. Nigerian Journal of Technology, Vol. 1, No. 2, 2013.
12. Ogbuka, C, P and **Njoku R. E.** CO₂ Uptake on Activated Carbon: A comparison at Low and High Pressures. Nigerian Journal of Technology, Vol. 1, No. 2, 2013.
13. Ogbuka, C. P and **Njoku, R. E.** Remediation of Hydrocarbon Contaminated Soils by Microwave Irradiation. Asian Journal of Engineering and Technology, Vol. 3, No. 2 2013

REFEREES:

1. PROF. S. O. ONYEGUGBU
Department of Mechanical Engineering,
University of Nigeria, Nsukka.
2. PROF. B. A. OKORIE
Department of Metallurgical and Materials Engineering,
University of Nigeria, Nsukka
3. PROF. B. O. N. OBIKWELU
Department of Metallurgical and materials Engineering,
University of Nigeria, Nsukka.