**NNAMDI AZIKIWE UNIVERSITY, AWKA**

**FACULTY OF ENGINEERING**

**Department of Electrical Engineering**

**ABRIDGED CURRICULUM VITAE OF ENGR DR JOSIAH CHINAGOROM ONUEGBU**

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| **S/N** | **Supervisor** | **Rank** | **Research Expertise and Interest** | **Programme Approved to Supervise** | **Ten Key Publications in Specialty Area** | **Email (UNIZIK only)** |
| 1. | Engr Dr Josiah Chinagorom Onuegbu | Reader | Electrical Machines; Power System; Renewable Energy; High Voltage Engineering | PGD, Masters and Ph.D | **[1]. J.C. Onuegbu**, A.E. Anazia and V.N. Agu. Analysis of Electrical Installation in a Flood Prone Environment. British Journal of Applied Science & Technology (BJAST). ISSN: 2231-0843 [www.sciencedomain.org](http://www.sciencedomain.org) pp. 1-9, May 2016.  **[2]. Onuegbu J.C.** and Anazia E.A., Characterization and Analysis of Healthy 330 Kilovolt Double Circuit Transmission Line. International Journal of Electronics Communication and Computer Engineering. Volume 4, Issue 1, ISSN (Online): 2249-071X, ISSN (Print): 2278-4209, pp.199 – 202, Jan. 2013.  **[3]. Onuegbu J.C**., Ezennaya S.O. and Onyedikachi S., The Influence of Three-Phase Auto-reclosure of Transmission line on the Dynamic Stability of Power Systems. Research and Reviews: Journal of Engineering and Technology. RRJET: Volume 2, issue 3, ISSN: 2319-9873, pp.34-47, July 2013.  **[4].** Okolo C.C., **Onuegbu J.C**, Ezeugbo I.C., Okwuelu N. and Uduh E.J. Enhancing transient Stability of the Nigerian 330kV Transmission System Using Proportional Integral Based VSC High Voltage Direct Current Method at Makurdi Bus/Jos Makurdi Transmission Line. Global Scientific Journal Vol.8, Issue 3, ISSN: 2320-9186, March 2020.    **[5]. Onuegbu J.C**., Madueme T.C., Enemuoh F.O. and Anazia E.A. Vector Diagram Correlation of Leading and Lagging Power Factor in Salient Pole Synchronous Machine. IOSR Journal of Engineering (IOSRJEN). e-ISSN: 2250-3021, p-ISSN: 2278-8719 Vol. 3, issue 12, pp. 29-37, Dec. 2013.  **[6].** **Dr. J.C. Onuegbu**, Dr. F.O. Enemuoh and Dr. E.A. Anazia., Design of Three Phase Solar-Based 4.5kW AC Power Inverter Station. American Journal of Engineering Research (AJER). e-ISSN: 2320-0847 p-ISSN: 2320-0936, Volume-02, Issue-07, pp.185-190, July 2013.  **[7].** **Onuegbu J.C**., Anazia E.A. and Okafor T.C. Comparative Analysis of Discrete based UPS Topologies. International Journal of Electrical and Telecommunication Systems Research. UNIZIK Awka, ISSN: 0795-2260 <http://www.electroscope-edu.org> Vol. 3 No. 3, pp.29-36, July 2009.  **[8].** Obute K.C., Enemuoh F.O. and **Onuegbu J.C**.  Mathematical Model And Steady-State Simulation Study of Three Phase Squirrel Cage Induction Machine, Using The Dot Convention Technique for Magnetically Coupled Circuit. Journal of Electrical and Electronics Engineering (IOSR -JEEE) e-ISSN: 2278-1676, p-ISSN: 2320-3331 Vol. 12, issue 1, pp. 39-45, Jan-Feb. 2017.  **[9].** Y. M. Oruma, L. U. Anih, **Dr. J. C. Onuegbu**. Steady-State Performance of Dual Stator Winding Polyphase Induction Motor with Reactive Power Compensation. Iconic Research and Engineering Journals (IRE Journals), ISSN: 2456-8880 Volume 3 Issue 8, pp 139 – 146, Feb. 2020.  **[10].** Samson Ugochukwu, Anazia E.A., **Josiah C. Onuegbu,** Simplified Approach to Design of 75 kW (100 HP) Industrial Permanent Magnet Synchronous Motor. International Journal of Electrical Machines & Drives Vol. 1: Issue 2. [www.journalspub.com](http://www.journalspub.com). *IJEMD pp.9-40, 2015.* | jc.onuegbu@unizik.edu.ng |