**COLLEGE OF POSTGRADUATE STUDIES**

**NNAMDI AZIKIWE UNIVERSITY**

**AWKA**

PROFILING OF POSTGRADUATE SUPERVISORS

List of Potential Supervisors (According to Faculty & Department

1. FACULTY OF ENGINEERING

Department of Electronic & Computer Engineering

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| --- | --- | --- | --- | --- | --- | --- |
| S/N | Potential Supervisor | Rank | Research Expertise and Interests | Programme Approved to supervise | Ten key Publications in Specialty Areas | E-mail (UNIZIK only) |
| 1. | Victor Ndubuisi Okorogu | Senior Lecturer | Mitigation of noise & interference in communication systems, Smart Antennas and IoT. Improvement in Quality of Service (QoS) in GSM and LTE Networks. | PGD & Masters | **1. Okorogu, V. N et al** (2012). A Technique for Planning Microwave and Cellular Path Profile in the Tropics and Determination of Antenna Tower Heights: International Journal Engineering Science and Innovative Technology (IJESIT), Vol. 1, Issue 2, Nov. 2012; pp224-231  **2. Okorogu, V. N et al**  (2012). Simulation Implementation of Micro-strip Antenna Arrayd for 1.8GHz Band with 10dB Gain: International Journal of Emerging Technology and Advanced Engineering (IJETAE), Vol. 2, Issue 12, Dec 2012; pp11-17  **3. Okorogu, V. N et al**  (2013). Design and Simulation of Low Cost Digital Beam-forming (DBF) Receiver Antenna for Wireless Communication: International: International Journal of Innovative Technology (IJEIT), Vol. 2,Issue 2, January 2013; pp10-17  **4. Okorogu, V. N et al**  (2013). Empirical Characterization of Propagation Path Loss for Co-site Urban Environment: International Journal of Applications (IJCA), Vol. 70, No. 10, May 2013; pp34-41  **5. Okorogu, V. N et al**  (2013). Mitigation of inter-modulation effects due to co-existence o GSM900MHz and CDMA 20001xSystems using Antenna Isolation Technique. International Journal of Scientific and Engineering Research (IJSER), Vol. 4, Issue 6, June 2013; pp 966-978  **6. Okorogu, V. N et al**  (2013). Antenna Isolation Techniques for interference Reduction in Co-site Networks: International Journal for Advance Research in Computers and Communications Engineering (IJARCCE), Vol. 2, Issue 7, July 2013; pp2859-2869  **7. Okorogu, V. N. et al** (2015). Accurate Antenna Isolation Technique for Mitigation of CDMA Interference in a Co-site urban Environment: International Journal of Advanced Research in Electrical, Electronic and Implementation Engineering (IJAREEIE), Vol. 4, Issue 8, August 2015; pp6839-6848  **8.** **Okorogu, V. N. et al** (2016). Technical Overview of Assignment For Radio Broadcasting In Nigeria: IOSR Journal of Electrical and Electronic Engineering (IOSR-JEEE) e-ISSN: 2278-1676.p-ISSN: 2320-3331. Vol. 11, Issue5, Ver. 1 (Sep-Oct. 2016); pp01-05  **9. Okorogu, V. N. et al** (2017). The Internet of Things: Insight to a Technological Revolution: International Journal for Research in Applied Science and Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887. Vol. 5, Issue IX, Sept. 2017; pp1420-1427  **10. Okorogu, V. N. et al** (2019). Narrowband IoT and its implications in Developing Countries: International Journal of Scientific and Engineering Research (IJSER), Vol. 10,Issue 12, ISSN: 2229-5518, Dec. 2019; pp105-109 | vn.okorogu@unizik.edu.ng. |