**COLLEGE OF POSTGRADUATE STUDIES**

**NNAMDI AZIKIWE UNIVERSITY**

**AWKA**

**PROFILING OF POSTGRADUATE SUPERVISORS**

**List of Potential Supervisors (According to Faculty & Department)**

1. **FACULTY OF PHYSICAL SCIENCES**
2. **Department of Pure and Industrial Chemistry**

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| **S/N** | **Potential Supervisor** | **Rank** | **Research Expertise and Interests** | **Programme Approved to Supervise** | **Ten Key Publications**  **in Specialty Area(s)** | **E-mail**  **(UNIZIK only)** |
| 1. | Theresa Uzoma Onuegbu | Professor | Briquetting, Flame retadartion, Composites  Corrosion inhibition, Coagulation-flocculation studies | PGD & Masters  PhD | **1.Onuegbu et al.,** (2010), Enhancing the Efficiency of coal Briquette in Rural Nigeria using *pennisetum purpurem.* Advances in Natural and Applied Sciences. **Jordan,** <http://www.aensionline.com/> 4(3): 299-304.  **2. Onuegbu et al.,** (2012), Comparative effects of the Fire Behaviours of Potassium Aluminium Sulphate and Potassium Sesquicarbonate on Flexible polyether foam. Molecular Crystals and Liquid Crystals, Taylor and Francis 556(1): 89-93. **ENGLAND.** <http://www.tandfonline.com/loi/gmcl20>  **3.Onuegbu e**t.al., (2013), Eupatorium Odoratus As Eco-Friendly Green Corrosion Inhibitor Of Mild Steel In Sulphuric Acid. International Journal Of Scientific & Technology Research,www.ijstr.org, 2(2):4-8.  4. **Onuegbu et al.,**(2013). Tensile Behaviour and Hardness of Coconut Fibre-Ortho Unsaturated Polyester Composites. Global Journal of Science Frontier Research (Chemistry), **USA**,13(1): 1-6. <https://globaljournals.org>,  5. **Onuegbu**,et al., (2013). *Emilia sonchifolia* extract as green corrosion inhibitor for mild steel in acid medium using weight loss method. Journal of Natural Sciences Research. 3(9):52-55. [www.iiste.org](http://www.iiste.org).  **6. Onuegbu** et.al., (2013). Effects of Actylation Treatments on physic-mechanical and morphological properties of raffia palm fibre. Nig. J. Mat. Sci. and Eng. 4(1):84-93.  **7. Onuegbu et.al.,**(2015). The Effect Of Maize Cob Biomass On The Properties Of Coal Briquettes. Journal of chemical biological and Physical Sciences, 5(4):3721-3728.  8.Nnaemeka J. Nnaji, **Theresa U. Onuegbu** et.al., **(2016)**  An approach for the reuse of  *Dacryodes edulis* leaf: characterization, acetylation and crude oil sorption studies. Journal of Enviromental Chemistry Engineering. **ELSEVIER**, 4:3205-3216.  9. Ifeoma Maryjane Iloamaeke,…….**Theresa Uzoma Onuegbu** (2021). Mercenaria mercenaria shell: Coagulation-flocculation studies on colour removal by response surface methodology and nephlometric kinetics of an industrial effluent. Journal of Environmental Chemical Engineering (**ELSEVIER**) 9 (2021) 105715 pp1-17,  10. Onuegbu *et al*., (2021) Effects of Powdered *Khaya ivorensis* [heartwood] on some properties of coal briquette.. J. Chem.Soc., Nigeria 46(4):0640-0650.    . | tu.onuegbu@unizik.edu.ng |
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