

CURRICULUM VITAE FOR APPRAISAL

NAME: NSUDE, OKECHUKWU PAUL
DATE OF BIRTH: 15th May, 1984
SEX: Male
MARITAL STATUS: Married
NATIONALITY: Nigerian
STATE OF ORIGIN: Enugu
L.G.A OF ORIGIN: Igbo Etit
RANK ON FIRST APPOINTMENT: Technologist II
PRESENT RANK: **ASST. LECT., CONUASS 02¹**
DATE OF LAST PROMOTION: October, 2020

EDUCATIONAL AND PROFESSIONAL QUALIFICATIONS:

S/N	Institution Attended	Qualification	Area of Study	Date
1	Enugu State University of Science & Technology (ESUT)	Ph. D	Polymer Chemistry	Nov, 2022
2	Nnamdi Azikiwe University Awka	PGDE	Post Graduate Diploma in Education (NTI)	June, 2018
3	Enugu State University of Science & Technology (ESUT)	MSc.	Polymer Chemistry	April, 2017
4	Federal University of Technology, Owerri, Imo state	B. Engineering	Polymer and Textile Engineering	July, 2010
5	Boys Secondary School, Aku in Igbo Etit L.G.A	SSCE	NECO	2001
6	Community Primary School, Aku in Igbo Etit L.G.A	FSLC	-	1995

ACADEMIC HONOURS AND DISTINCTIONS: Nil

MEMBERSHIP OF SCIENTIFIC/PROFESSIONAL ORGANIZATION

1. Member Polymer Institute of Nigeria (PIN), 2019
2. Member American Chemical Society (ACS), 2020. With ID 32290406.
3. Member Chemical Society of Nigeria

PROFESSIONAL DISTINCTION WITH DATE: Nil

HISTORY OF EMPLOYMENT BEFORE ASSUMPTION OF DUTY IN ESUT:

S/N	Place of Service	Period of Service	Position Held	Reason for Leaving
1	SCC Pipe Factory, Quality Control Department, Bwarri Abuja	2007	Industrial Trainee	End of Industrial Training
1	Government Sec. Sch. Anantigha, Calabar South L.G.A (NYSC)	2010 - 2011	Teacher	End of Service year
2	National Directorate of Employment (NDE), Graduate Assessment Program (GAP) at Enugu state Broadcasting service ESBS	2011	Graduate Trainee	Ending of Trainee program
3	INEC	2011	Assistant Registration officer/Polling Officer	End of Adhoc staff exercise

SERVICE IN ESUT:

S/N	Position Held	Date	Change of Position
1	Academic Technologist in Industrial Chemistry	2012 – 2020	Conversion to Academics
2	Assistant Lecturer in Industrial Chemistry	2020 till Date	Nil

DATE OF CONFIRMATION OF APPOINTMENT: 1st October, 2014

SUPERVISION OF POSTGRADUATE STUDENTS: Nil

EXTERNAL EXAMINATION: Nil

SERVICE TO THE COMMUNITY IN ESUT:

Service to the Nation	Service to State	Service to Local Govt.	Service to other Bodies
-	-	-	-

COMPLETED RESEARCH PROJECTS AND CONSULTATIONS IN ESUT

Client	Sponsor	Project Title	Project Value	Date of Commencement	Date of Completion
-	-	-	-	-	-

CONFERENCES ATTENDED/PAPER PRESENTED:

S/N	Conference Attended	Conference Paper Presented	Date
1	ACS Spring Meetings 30-35	Optimization and Environmental Remediation of Heavy Metals with RSM, Kinetics and thermodynamic modeling	2021
2	18 th Biennial Conference, Coal City Chem 2021 on The Role of Chemistry in Mitigating Covid-19 and other diseases	The Corrosion inhibition potential of <i>Phyllanthus mellerianus</i> (Nvo Nkwu) on mild steel at varying temperature and HCl concentration at fixed time 18 B81, 7(202)	2021
3	5 th International Conference/Training Workshop on Energy for Sustainable Development in Africa (ICTWESDA 2022)	Extraction and Characterization of Cellulose from <i>Raphia fariniferaa</i> inflorescence waste material C 23	2022
4	5 th International Conference/Training Workshop on Energy for Sustainable Development in Africa (ICTWESDA 2022)	Isolation and Physicochemical properties of Cellulose from <i>Pentaclethra Macrophylla Benth</i> (oil bean) Pod biomass wastes	2022
5	1 st Annual international Conference of Applied Natural Science, ESUT.	Microcrystalline Cellulose from Oil Bean Pod; Extraction and Characterisation	2022
6	1 st Annual international Conference of Applied Natural Science, ESUT.	Antimicrobial screening and phytochemical analysis of <i>Citrulluslanatus</i> Leaf	2022

CREATIVE ACTIVITIES:

(a) Thesis:

1. Production, modification and Characterization of Modified Lignocellulose of *Pentaclethra macrophylla* Beth (Oil Bean) Pod for Heavy Metal Extraction (Ph. D)
2. Strategies for Curbing Examination Malpractices in Igbo Etiti LGA of Enugu State (PGDE)
3. The Corrosion Inhibition Potential of *Phyllanthus Mellerianus* (Nvo Nkwu) on Mild Steel at Varying Temperatures and HCl Concentrations (MSc.)
4. The Study of Degradation of Natural Rubber by *Streptomyces Spp* Using Dilution Solution Viscosity Measurement Technique (B. Sc.)

(b) Books:

1. C. E. Ezeh, C. O Ike and **P. O Nsude** (2020), General Chemistry Practical (ICH111) Manual. Publisher, CKC Invt. LTD, Enugu. ISBN: 978-2321182
2. P. I Udeozo and **P. O Nsude** (2022), Organic Chemistry Practical (ICH224) Manual, The last Done Global Service, Enugu.

(c) Monographs: Nil

(d) Journal Articles:

1. Ogbuanu C.C, Nwagu L.N, Obi P.O and **Nsude P.O** (2014) Isolation and partial characterization of Anthraquinones of *Vitex Doniana* Root and *Phyllanthus Amarus* Leaves. *Word Journal of Biotechnology* 15(1); 2304 - 2309
2. Ogbuanu C.C, Nwagu L.N, Chime C.C, Obi P.O and **Nsude P.O** (2014) Preliminary chromatography and Uv spectroscopic characterization of Alkaloid in *Vitex Doniana* Root And *Phyllanthus Amarus* Leaves. *WordJournal of Biotechnology* 15(1); 2269 – 2278
3. Ogbuanu C.C, Nwagu L.N, Obi P.O and **Nsude P.O** (2014) Isolation and partial analysis of flavonoids In *Vitex Doniana* Root and *Phyllanthus Amarus* Leaves. *African Journal of Science* 15(1); 3339 – 3348
4. Ogbuanu C.C, Nwagu L.N, Amujogu C.N, Obi P.O and **Nsude P.O** (2014) Nutraceutical and Health Benefits of Some Vegetables Eaten In Enugu State Nigeria *African journal of food science* 8(9); 471 – 475 DOI: 10.5897/AJFS2014.1193
5. Ezeh E.C, Ukoha P.O, Bulus H, Nweze B.N, Nwagu N.L, **Nsude P.O** and Agboeze E., (2019). Adsorption Isotherms and Kinetics Studies of Pb and Cu Sorption by semi carbazide immobilized Poly Siloxane as materials for water purification. *ANACHEM Journal*, 9(1); 1652 – 1664
6. Bulus H, Ezeh E. C, Saidu M.S, Attah J.C, **Nsude O.P**, Agboeze E, Ike O.C, Gaiya D. J, Sekkarri N.B, Dahiru T.S, Igbebinadun J.O. (2021) Immobilized thiosalicyclic ligand system potentials for the detoxification of some Heavy Metals from Tannery wastewater, *Science Journal of Chemistry* 9(3); 72-79 DOI: 10.11648/j.sjc.20210903.13

7. Agboeze, E., Attah, J., Ogbobe, O., and **Nsude, O. P.**, (2021) Optimization and Environmental Remediation of Heavy Metals with RSM, Kinetics and thermodynamic modelling *ACS Spring Meetings* 30-35
8. Ike O.C, Orjioko N.M, Okoro U.C, Ogbuanu C.C, Chukwuemeka-Okorie H.O, Aguoma C.C, Nweloke C.R, **Nsude O.P**, Ugwu M. C, Benjamin P.A, (2021) Comparative studies on the antimicrobial properties of seed and bark of walnut. *PharmacologyOnline Archieve. vol(1)* 262- 269
9. **Nsude, P. O**, Gloria E. A., Nwankwo U. C (2022) Design and Impelementation of Student Registration Attendance Management System Using Biometric (A Case Study of Computer Science Department) Enugu State University of Science and Technology (ESUT) *International Research Journal of natural and Applied Sciences vol. 9* 2349-4077
10. **Nsude, P. O**, Orié K. J, (2022) Thermodynamic and Adoption Analysis of Corrosion Inhibition of Mild Steel in 0.5M HCl medium via Ethanol Extracts of *Phyllanthus mellerianus* *American Journal of Applied Chemistry* 10(3): 67-75 DOI: 10.11648/j.ajac.20221003.12
11. **Nsude, P. O**, Orié K. J, Okoro Ogbobe (2022) *Phyllanthus mellerianus* Stem Inhibition Properties for Mild Steel Corrosion in 1.0M HCl medium: Adsorption, kinetics and thermodynamics investigation *EPRA International journal of mulitdisiplinary Reaerch (IJMR)* vol. 8 2455-3662 DOI: 10.36713/epra10473
12. Ike, O. C, Orijioko, N. M., Ogbuanu, C. C., Chime, C. E., Amuka, J. O., Uhama, K. C., **Nsude, O. P**, Okoye, N. J., Aguoma, C. C., Ugwu, M. C., Oha, S. N., Nweloke, C. R. (2022) Phytocheical and Antimicrobial Activity of Moringa Leaf Extracts *IOSR Journal of Applied Chemistry vol. 15* 2278-5736
13. **Nsude, O. P**, Orié, K. J., (2022) Phytochemical Constituent and Anti-corrosion Properties of the Root Extract of *Phyllanthus mellerianus* (Nvo-nkwu) Plant on Mild steel in 1.5M HCl medium *Chemical Science International Journal* 31(2): 21-34 DOI: 10.9734 DOI: 10.9734/CSJI/2022/v31i230278
14. **O. P. Nsude**, K. J. Orié, P. I. Udeozo, O. Ogbobe, C. C. Chime (2022) Isolation, Physicochemical and BET Analysis of Cellulose from *Pentaclethra macrophylla Benth* (Oil bean) Pod Biomass waste, *International Research Journal of Pure and Applied Chemistry* 23(5): 9-22 DOI: 10.9734/IRJPA/2022/V23i530474
15. **O. P. Nsude**, E. Agboeze, E. C. Ezech, O. C. Ike, O. C. Omuluche, K. J. Orié, O. Ogbobe (2022) Isolation and Characterization of Cellulose from *Pentaclethra macrophylla Benth* Pod Biomass wastes for Polymer reinforcement composite, *Journal Chemical Society of Nigeria* 47(3) 611-622: DOI: 10.46602/JCSN.v47i3765
16. Okwesili, L. C., **Nsude, O. P**, Onyishi C. K., (2022) Correlation Analysis of Levels of Microplastics in Fish from river Niger at Onitsha *International Journal of Environment and Ecology Research vol. 4* 38-41
17. Okwesili, L. C., Chime C. C., **Nsude, O. P**, (2022) Physiochemical Analysis of Water from River Niger at Isimmili Idemmili Onitsha, Anambra State, Nigeria *International Journal of Chemistry Studies vol. 6* 67-72

18. **O. P Nsude**, K.J. Orie (2022) Microcrystalline Cellulose of Oil Bean Pod: Extraction, Physico-chemical, Brunauer–Emmett–Teller (BET), and Flow-ability Analysis, *Asian Journal of Applied Chemistry Research* ; 12(4) 1 – 12. DOI; 10.9734/ajacr/2022/v12i4226
19. **O. P Nsude**, K. J. Orie, Eleche O (2023) Characterization of Celluloic- Based Polymer of Pentaclethra Macrophylla Benth Pod (PMBP) and its Copper (ii) ion Adsorption Performance. Preprint- Spinger. License. CC BY 4.0. DOI; 10.21203/rs.3.rs-2650345/v1
20. **O. P Nsude**, K.J. Orie. (2023) Characterization and Antimicrobial Profiling of Ethanol-Toluene Extract of *Pentaclethra macrophylla Benth Pod*, *Asian Journal of Applied Chemistry Research*, 13(3) 15 – 24. DOI; 10.9734/AJACR/2023/v13i3244.

REFERENCES

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