



CURRICULUM VITAE



Dr. Nuruddeen Yusuf
Department of Chemical and Petroleum Engineering
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Education

Year of Award	Degree Type	Institution
	PhD (Chem. Eng)	ABU Zaria
	M.Eng. (Chem. Eng)	ABU Zaria
	B.Eng. (Chem. Eng)	ABU Zaria

Areas of Research Interest

Appointments

Date	Position	Employer
28/9/15	Associate Professor	Bayero University Kano
2015	Deputy Director (Research)	NARICT, Zaria
2011	Chief Research Officer	NARICT, Zaria
2008	Research Assistant	Sultan Qaboos University, Muscat, Oman



Professional Qualification (Membership/Affiliation)

Member, Nigerian Society of Engineers

Member, Science Association of Nigeria

Member, Material Society of Nigeria

COREN Registered

Publications

a. Journal Papers

- 1 **Yusuf, N.**, (2014). Investigation and comparison of the optimal condition for the production of biodiesel from Shea butter oil and Groundnut oil using homogeneous catalysis. Accepted for Publication in the Nigeria journal of materials science and engineering (NJMSE) ISSN 214-453-2.
- 2 **Yusuf, N.**, (2013). Analysis and comparison of flow pattern maps in horizontal oil water flow. *NSUK Journal of Science and Technology vol. 2, pp130-139.*
- 3 **Yusuf, N.**, and Sirajo, M. (2009). An Experimental Study of Biodiesel Synthesis from Groundnut Oil. Part I: Synthesis of Biodiesel from Groundnut Oil under Varying Operating Conditions. *Australian Journal of Basic and Applied Sciences, 3(3): 1623-1629.*
- 4 **Yusuf, N.**, Salaudeen, N., Muhammad, F. (2011). An experimental study of biodiesel synthesis using groundnut oil. Part II: Kinetics study of the reaction. *Australian journal of basic and applied science research. 5(6): 912-919.*
- 5 **Yusuf, N.**, Zakari, B., Mohammed, F. (2008). Investigation into the effects of electric field on the absorption of carbon dioxide in a polar solvent (water). *Journal of Applied Sciences Research, 4(6): 754-759, 2008.*

b. Conference Proceedings

- 1 Salisu, J., Muhammad, M.B., Bello, M., **Yusuf, N.**, Atta, A., Bugaje, I. M, (2015). Performance Evaluation of Downdraft Gasifier for Syngas Production using Rice Husk. Presented at the **1st International engineering conference (IEC 2015). Federal University of Technology, Minna. 1st-3rd September, 2015.**
- 2 Muhammad, M. B., Salisu, J., Mukhtar, B., **Yusuf, N.**, Atta, A.Y., Bugaje, I.M, (2015). Effect of Air Flow Rate on Quality of Syngas Produced Via Gasification of Sawdust. Presented at the **1st International engineering conference (IEC 2015). Federal University of Technology, Minna. 1st-3rd September, 2015.**
- 3 Yusuf A.I., Aminu H., Bello A., **Yusuf N.**, Musa S., Omojola M., Atta A., Ibrahim H.D and Bugaje I.M. (2015). Process design for the co-production of precipitated calcium carbonate and sodium hydroxide using the lime-soda route. **Paper presented at the 14th Nigeria material congress 2015, Uyo.**
- 4 Ahmed, O.U, Yusuf, N., Omar, A.U., Gano, Z.S., Fasanya, O.O., Aminu, M., Gandimoh, S., Atta, A.Y. and Bugaje, I.M., (2012). Heat of Integration of Methanol Plant, **42nd Annual Meeting, Exhibition and Conference of Nigerian Society of Chemical Engineers, Abuja, held in November, 2012.**



- 5 **Yusuf, N.**, Al-Wahaibi, T., Al-Wahaibi, Y., Al-Ajmi A., Al-Hashmi A., Olawale, A.S., Mohammed, I.A. (2012), Comparison on the efficiency of two drag reducing polymers in horizontal oil – water flow. *International symposium on multi-phase flow and transport phenomena, Agadir, Morocco, April 22-25, 2012*

Awards/Recognition

1. 2013 Nigerian Society of Chemical Engineers Pinnacle Holdings Award in Recognition of Outstanding Chemical Engineering Research and Innovation for the Methanol Plant Heat Integration Project.