

## Biodata



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**Age :** 39yrs

**Date of birth :** 16/07/1971

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### **Career Objective**

(Mention a generalized career objective in not more than 2-3 lines)

### **Educational Qualifications**

M.Sc. Industrial Chemistry: Bias in polymer and environment	2009
B.Tech. Industrial Chemistry	1996
Certificate in ENTERPRENEURSHIP AND INNOVATION PROGM.	2009
Certificate in Computer appreciation and data processing	2000
Basic FTIR Spectroscopy, Basic AAS Spectroscopy, Basic AA Spectrometry, Basic gas chromatography and first line maintenance	2000
West African Examination Council Certificate	1987
General Certificate of Education	1987
First School Leaving Certificate	1982

## **Work Experience**

### ***Senior Research fellow (2005 till date):***

- (A) L.O.C. member representing N.A.R.I.C.T at the national workshop on the processing of printed circuit boards, organized by the Raw Materials Research and Development Council, Abuja
- (B) Committee/Technical Member, Production of Biodigester for Solid Municipal Waste Management, Bioenergy and Fertilizer (a joint project between N.A.B.D.A, N.A.R.I.C.T and Energy Commission of Nigeria).
- (C) Committee/Technical Member, Joint NBBRI-NARICT project on the Production of Wood-Plastic Composite boards/profiles: a waste-to-wealth program initiative.
- (D) Coordinator KENAF AND ALLIED FIBERS CONSULTATIVE GROUP a collaborative research and consultative group formed from an inter ministerial initiative .

## **Projects**

Carrying out research and development activities in:

- a. Production of non-conducting copper clad substrates for printed circuit board production.
- b. Production of wood-plastic composite boards from waste agro and plastic materials.
- c. Extraction, characterization and enhancing the dye material from *Indigofera tinctora* plant.
- d. Extraction, characterization and modification of dye material from the seeds of *Bixa Orellana* plant.
- e. Extraction, characterization and optimizing the utility value of cellulose fiber from the leaves of *Lantana Camara* stem.
- f. Production of bio adhesives from natural rubber latex, soybean seed flour e.t.c.
- g. Extraction, production and purification of natural and synthetic polymeric materials for drug delivery system applications.
- h. Biomaterials engineering technology for medical and environmental applications.
- i. Waste conversion and utilization process technologies.
- j. Production of boards & profiles from processed Kenaf plant.
- k. Production of boards & products from Bamboo plant.
- l. Production of adhesive & sealant from field latex for football and other goods production.

## **MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS/BODIES**

- 1. Professional Member Institute of Chartered Chemists of Nigeria[ICCON] (2007)
- 2. Professional Member Chemical Society of Nigeria (since 1999)
- 3. Professional Member Polymer Institute of Nigeria (since 2000)
- 4. Professional Member Materials Society of Nigeria (since 2001)
- 5. Professional Member Solar Energy Society of Nigeria (since 2005)

## **COMMUNITY SERVICE**

- a. Chairman bye-law drafting committee, materials society of Nigeria Zaria (2004).
- b. L.O.C's Secretary, Materials Society of Nigeria Annual International Congress (2005).
- c. Secretary NARICT seminar committee(2009).
- d. Member, MoU drafting and technical committee NARICT-IAR&T collaborating working group.(2009).

- e. Member, MoU drafting and technical committee NARICT-SMEDAN collaborating working group.(2009).
- f. Member, MoU drafting and technical committee NARICT-NBTI collaborating working group.(2010).
- g. Member, NARICT publications revamping committee(2010)

### **EXTRA-CURRICULAR ACTIVITIES**

Plays: Dart, Volleyball, Chess and Badminton

Dots around areas like information technology, herbal pharmaceutical research, environmental and sustainable development initiatives.