

CURRICULUM VITAE

PERSONAL DATA

Name in Full: ENGR. DR. JIMOH, SUMAILA OMEIZA

Place of Birth: OKENE, KOGI STATE

Date of Birth: 16TH JULY, 1968

Nationality: NIGERIAN

Home Address: 17 OMOTOYE ESTATE ROAD, ORILE-AGEGE, LAGOS STATE.

Office Address: MATERIALS AND INDUSTRIAL ENGINEERING DEPARTMENT. AMBROSE ALLI UNIVERSITY, EKPOMA, EDO STATE.

Telephone: +2348034151205; +79505601069.

E-mail: smaila20002001(a)yahoo. co.uk

Marital Status: Married with children (3 Children)

EDUCATIONAL QUALIFICATIONS

SCHOOLS ATTENDED

DURATION

URAL FEDERAL UNIVERSITY, RUSSIA.	2013-2017
MAGNITOGORSK INSTITUTE OF MINING AND METALLURGICAL ACADEMY, RUSSIA	1992-1993
MAGNITOGORSK INSTITUTE OF MINING ANDMETALLURGICAL, MAGNITOGORSK, USSR	1985-1990
DONETSK STATE UNIVERSITY, DONETSK, UKRAINE IHIMA COMMUNITY	1984-1985
SECONDARY SCHOOL OKENE CENTRAL PRIMMARY SCHOOL	1977-1982
	1970-1976

* PhD (Extractive Metallurgy and Materials Processing)	2017
* M.Ph (Operation of Modern Blast Furnace)	1993
* M.Sc (Metallurgy and Materials Engineering)	1990
* Higher and Special Secondary Education Certificate (HSC)	1985
* West Africa Examination Certificate	1982
* First School Leaving Certificate	1976

EXPERIENCE

ORGANIZATION	POSITION HELD	DURATION
❖ Magnitogorsk Metallurgical Steel plant, Russia. NO. 38, Prospect Lenina, Magnitogorsk.	Iron & Steel Making Unit (Engineer ii)	1993-1994
❖ Magnitogorsk Metallurgical Institute	Research Officer 1 1	995-1998
❖ NYSC BT Microxperts Limited No. 7, Toyin Street, Ikeja, Lagos	NYSC	1999-2000
❖ Yaba College of Technology School of Engineering, Departament of Mechanical Engineering, Foundary unit.	Lecturer I	2003-2005
❖ MATERIALS AND PRODUCTION Engineering Department, Faculty of Engineering and Technology, Ambrose Alii University, Ekpoma, Edo State.	Lecturer II	NOV. 2005-2009

Engineering Department,
Faculty of Engineering and Technology,
Ambrose Alii University,
Ekpoma,
Edo State.

❖ Department of Iron and Steel Making. Senior Lecturer SEPT 2013-OCT 2014
Institute of Materials Science and Metallurgy.
Ural Federal University, Ekaterinburg Russia
Federation.

DUTY

As a Lecturer, I have taught the following course:-

Course Title	Course Code
Properties of materials	MEE 109
Foundry Technology	MEE 218
Materials Processing	MPE 305
Thermodynamics of Materials System	MPE 307
Ferrous metallurgy	MPE 409
Design of Machine Element	MPE 406
Introduction to Materials	MPE 211
Science and Engineering	GEE 212
Material Science	MPE 406
Fuel, Furnace and refractories	MPE 514
Process and Plant Design	MPE 401
Mineral Processing	MPE 304
Physical Metallurgy I	MPE 504
Project under Graduate Research Supervision Metallurgical Thermodynamics of	MPE 603
Materials Engineering at Post graduate level	

- Teaching, Research and Development of Department.
- Supervision of Students Training (I.T.).
- 500 Level Class coordinator 2005/2006 sessions; 2007/2008 Session; 2008/2009 session and 2009/2010 session respectively.
- Foundation programme co-coordinator 2005/2006 Session; 2006/2007 Session.
- Examination officer for 2006/2007 Session; 2007/2008 Session; 2008/2009 Session Respectively.
- Chairman NUC accreditation committee for the department 2007/2008 till 2011/2012 session respectively.

INDUSTRIAL TRAINING:

(i)	Introduction	1 Month
(ii)	Technological	2 Months
(iii)	Pre-Degree	8 Months
(iv)	Pedagogical	1 Month
(v)	Postgraduate	10 Months

MEMBERSHIP OF PROFESSIONAL BODIES

- ❖ Registered by the council for The Regulation of Engineering in Nigeria, (COREN).
- ❖ Corporate member of Nigeria society of Engineers. (NSE).
- ❖ Corporate member of Metallurgical, Materials and Mining Division (MMMD / NSE).
- ❖ Corporate member, Nigerian Metallurgical Society (NMS).
- Research Grants And Other Grants (Specify Amounts)
 - Tertiary education trust fund academic staff training and development for overseas training scholarship awards (TETFUND), PhD Programme,
 - Best Paper Awards: Assessment Of Granulometric Composition Of Ore Materials And Ore Load On Developmental Regenerative Processes In The Peripheral Zone Of The Blast Furnace.

NEXT OF KIN

Mrs. Jimoh, R.O.

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Orile-Agege,
Lagos State.

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E-Mail: Remiimoh@yahoo.com

CONFERENCES/WORKSHOPS/SEMINAR ATTENDED

- The Nigeria Society of Engineers: Metallurgical, Mining and Materials Division: Annual General Meeting/ Conference "LAGOS" 2004 at NBRRI Ikoyi, Lagos.
- The Nigeria Society of Engineers: Metallurgical, Mining and Materials Division: The 2004 Materials Distinguished Lecture at Firro, Oshodi, Lagos.
- The Nigeria Society of Engineers: Metallurgical, Mining and Division: The 2006 Distinguished Lecture.

LECTURER: **MR. L.K.SHEGAL**. Managing Director, Director, Global Infrastructure Holdings (Operators of Ajaokuta and Delta Steel Companies).

TOPIC: "Roadmap for Steel Development in Nigeria. Revitalization of the Nigeria Sector".

Venue: Sheraton Hotel and Tower Abuja March 9th, 2006.

- 16th "Engineering Assembly", Council for the Regulation of Engineering in Nigeria.
- 2th international conference on research quality leadership and Sustainable development in Africa centre for the promotion of international studies and development in association with unimedia P.O.BOX 051634, Osu- Accra, Ghana held at the sale audio visuelle, University National Benin, Abomey, Calvary Cotonou, Benin Republic 18th - 21th November 2010.

- 3rd International Conference in Engineering research & Development (ICER & D2010) held at university of Benin, Nigeria. 7th - 9th Sept 2010.
- Ceramic Association of Nigeria (CERAN), advancer in ceramic Materials and Technology. Held at post graduate school (Former IDR) Ahmadu Bello University Samaru-Zaria, Kaduna State, Nigeria 6th - 9th October 2010.
- International Scientific Conference in technology research and Engineering held at Ural Federal University, Ekaterinburg Russian Federation, 18th - 20th February, 2014.
- 3rd International Scientific Conference for student Postgraduate and young scientist organized by the Institute of Metallurgy and material science held at Ural Federal University, Ekaterinburg Russian Federation 26th - 29th March, 2014
- 8th International Scientific conference held at Ural Federal University Ekaterinburg Russian Federation 19th -22nd November, 2012.
- 4th International conference on Engineering, Research & Development advances in Engineering, Science & Technology. (ICERD2012) 4th -6th September, 2012. University of Benin, Nigeria.

PUBLICATIONS, PUBLISHED CONFERENCE PROCEEDINGS AND PAPER SUBMITTED FOR PUBLICATION.

1. **Jimoh S.O.** Controlling the peripheral temperature of the blast furnace / S.A.Zagainov, S.V. Filatov, L.Y. Gileva,A.V. Lozovich, S.O. Jimoh // Steel in Translation, Vol. 46, Issue 6, June 2016, p. .378-383.
2. **Jimoh S.O.,** Energy efficient technology to produce hot metal from titania- magnetite ore / S. Zagainov, V. Fillipov, S. Filatov, Y. Gordon, L. Gileva, S.Jimoh,A. Lozovich // AISTech - Iron and Steel Technology Conference Proceedings. Vol. 1, 2016. P. 559-566.
3. **Jimoh S.O.,** Analysis of the characteristics of the blast Furnace peripheral zone / S.O. Jimoh, S.A. Zagaynov, C.B. Pyhteeva // International Journal of Scientific & technology research. - 2013. - vol.2, Issue 9. - P. 125-128.
4. **Jimoh S.O.,** Assessment of Granulometric Composition of Ore Materials and Ore Load on Developmental Regenerative Processes in the Peripheral Zone of the Blast Furnace/ S.O. Jimoh, S.A. Zagainov, A.V. Lozovich, L.U. Gileva.// International Journal of Metallurgical & Materials Science and Engineering/ Vol. 5. Issue 2. April 2015. p 7-16.
5. Casting technology and development "Nigeria as a case study" / **S.O. Jimoh,** P.S.A Irabor, I. U. Abhulimen, S. O. Amiebenimen//International Journal of Scientific & technology research. - 2013. - Vol. 2, Issue 11. - p. 257-260.

6. Engineering Facilities Information Documentation and Management in Industry Using Autocad / N.N. Ehigiamusoe, **S.O. Jimoh**, J.O. Nordiana, J.O. Igbinoba, U.B. Ehigiamusoe // journal of Engineering and Applied Sciences. - 2008. -No 3. - P. 282-289.
7. Fakuloju, O.S. Admixture of using engine oil with (Kerosene) as an alternative fuel for foundry shop / O.S. Fakuloju, **S.O. Jimoh**, B.S.O Ighalo //Advance Material Research. - 2007. - Vol. 18-19. - P. 535-539.
8. Ibrahim, E.M. Contemporary Issues and Trends in Engineering Education and Practice in Nigeria / E.M. Ibrahim, **S.O. Jimoh** // Journal of Academics. - 2006. - Vol. 1, No 2. - P. 221-228.
9. Irabor, P.S. Ceramic Raw Materials Development in Nigeria / P.S. Irabor, **S.O. Jimoh**, O.J. Omowunmi // International journal of Scientific & technology research. - 2014. - Vol. 3, Issue 9. - P. 275-287.
10. **Jimoh S.O.** Blast furnace model to stabilize (Optimize) the burden distribution / S.O. Jimoh // Advanced Material Research and published by Trans tech publication. - 2017. - (In press).
11. **Jimoh S.O.** Design and Construction of Automobile brake drum / S.O. Jimoh, E. U. Abhulimen, L.I. Kubeyinje // Advanced Material Research and published by Trans tech publication. - 2017. - (In press).
12. **Jimoh S.O.** Design and Construction of Melon Shelling and Separating Machine / S.O. Jimoh, M.E. Iribhogbe, E.P. Ohiosimuan // 2nd International Conference on Engineering Research & Development: Innovations (15th - 17th April 2008, Benin City, Nigeria). - 2008. -p. 711-712.
13. **Jimoh S.O.** Determination of Optimum Lump size of Sinter obtained from Itakpe Iron Ore Concentrate as charge material for Blast Furnace / S.O. Jimoh, M.E. Ibrahim, B.S.O. Ighalo // Nigeria Journal of Engineering in Faculty of Engineering Ahmadu Bello University Zaira. - 2008. - Vol. 14, No 2. - p. 5-7.
14. **Jimoh S.O.** Distribution of raw materials in the blast Furnace / S.O. Jimoh, D.j. Vetali, Y.V. Fedelov // Proceeding of Inter-Government Scientific Conference. - Magnitogorsk, Russia. - 1993. - P. 39-42.
15. **Jimoh S.O.** Effect of Different Factors on High Profile and cohesive Zone in a Blast Furnace / S.O. jimoh, D.j. Vetali // Inter-College Article. - Magnitogorsk, Russia. - 1990. - P. 10-12.
16. **Jimoh S.O.** Importance of Engineering Materials in Mandate of iron and steel Industry / S.O. Jimoh, U.I. ADhulimen // International Journal of Scientific & technology research. - 2013. - Vol. 2, Issue 12. - P. 47-56.
17. **Jimoh S.O.** The Effect of Chromium additions on the Microstructure and some Mechanical Properties of Delta Steel Company Nodular Cast Iron / S.O. Jimoh, N.N. Ehigiamusoe // journal of Applied Basic Science: International Coverage of all

aspects of science. - 2017. - (In Press).

18. Physical and chemical Analysis of some Nigeria Gypsum Minerals for application in manufacturing Construction and Allied Industries / P.S.A. Irabor, **S.O. Jimoh**, OJ. Omowummi, S.SJ. Ighalo // International Journal Of Scientific & technology Research. - 2013. - Vol. 2, Issue 10. - P. 229-235.
19. Rules in use for building self-diagnostic, adaptive work-system just in Time in practice in Toyota / L. Imaekhai, E. Omokhuale, E. Osawe, **S.O. Jimoh** // A categorical Imperative journals of science and technology research. - 2010. - Vol. 9, No 3. - P. 104- 117.
20. Suitability of Lagos Sand for Making Moulds in the Founder Industries in Nigeria / F.I.Apeh, E.O. obadinama, M.E. Ibrahim, **S.O. Jimoh** // journal of Engineering Science and Application. - 2009. - Vol. 6, No 2. - P. 28-36.
21. **Jimoh S.O.** Design and Construction of an Impact Testing Equipment for Brittle Materials / S.O. Jimoh, F.I. Apeh // International Journal of Scientific & technology research. - 2017. - (In Press).
- F. **Jimoh S.O.** Design and Construction of Automobile Brake Drum / S.O. Jimoh, I. Apeh // International Journal of Scientific & technology research. - 2017. - (In Press).
22. **Jimoh S.O.** Investigation of control opportunities for Thermal performance of the peripheral zone of blast furnace / S.O. Jimoh, A.V. Lozovich, S.A. Zagainov // Izvestiya Ferrous Metallurgy. - 2014. Vol 59. No. 7, pp.66-67.

PROJECT WORK SUPERVISED

- Design and Construction of a Mobile Electric Oven
- Design and construction of an Electric Plantain Roaster
- Design and Fabrication of a Portable Gas Cooker
- Design and Fabrication of a Metal Bending Machine
- Design and Fabrication of a Metal Rolling Machine
- Design and Fabrication of a Impact Test Equipment for Brittle Materials
- Design and Fabrication of a Parabolic Solar Cooker
- Design and Fabrication of a Mellon Shelling and Separating Machine

RESEARCH IN PROGRESS:

(a) On-going Research:

- (1) Cast alloys of copper and aluminum basis
- (2) Investigation of the effect of different factors on the high and profile of cohesive zone of blast furnace. (Applicable to Ajaokuta Steel Company)

HOBBIES: _____

Travelling, Reading and Music

REFEREES:

- **Prof. Engr. E.M. Ibrahim**
Dean School of Engineering,
Federal university of Technology,
Yola.
Tel: 08023047897
E-Mail: muheibrahim@yahoo.com
- **Engr. Prof. G.I Ighalo**
Dept, of Electrical/Electronic Engineering,
Faculty of Engineering & Technology Ambrose
Alii University Ekpoma, Edo State,
Tel: +2348055124329 Email:
ighawin@yahoo.com
- **Prof. S.A. Zagaynov**
Head of Department
Department of Iron & Steel Making
Institute of Material Science and Metallurgy
Ural Federal University
Ekaterinburg, Russia
Tel: +79022669622
Email: zaqarinovskv@mail.ru