

CURRICULUM VITEA

(A) PERSONAL DATA

NAME: ADEGBENRO, Simeon Adedoja
DATE OF BIRTH: 5th April, 1966
NATIONALITY/STATE OF ORIGIN: Nigerian, Oyo State
MARITAL STATUS: Married
NUMBER OF CHILDREN: Four (29yrs, 27yrs, 25yrs, 18yrs.)
NAME AND ADDRESS OF NEXT OF KIN: Mrs. Adegbenro F.O.
Km 7, Old Lagos Road, Podo
Village, Ibadan.

CONTACT ADDRESS: Department of Mechanical
Engineering. The Federal
Polytechnic, Ilaro.

GSM NUMBERS: 08097355028 and 07087856382
EMAIL ADDRESS: simeonadegbenro@gmail.com
SCHOOL: School of Engineering
DEPARTMENT: Mechanical Engineering
DATE OF LAST PROMOTION: 1st January, 2014
PRESENT GRADE AND SALARY: CONPCASS 9/8
(~~₦~~ 6, 204, 408.91 P.A)
CURRENT STATUS: Chief Lecturer
SPECIALIZATION: Production and Maintenance of
Internal Combustion Engines.

(B) QUALIFICATION AND EXPERIENCE

▪ Academic Qualification:

School/Institutions Attended with Dates:

- | | |
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| (i) Awe High School, Awe, Nigeria | 1997 – 1982 |
| (ii) Federal Government College, Ogbomosho, Nigeria | 1982 – 1984 |
| (iii) Russian University of Peoples' Friendship, Moscow Russia | 1985 – 1992 |
| (iv) Russian University of Peoples' Friendship, Moscow Russia | 2015 – 2019 |

• **Academic Qualification with Dates:**

- (i) West African School Certificate O/L 1982
- (ii) West African School Certificate A/L 1984
- (iii) M.Sc. Mechanical Engineering 1992
- (iv) Computer Literacy and Microsoft word 2003
- (v) Post Graduate Diploma in Education 2012
- (vi) P.hd Mechanical Engineering 2019

▪ **Professional Qualifications:**

- (i) Registered Engineer, Council for the Regulation of Engineering in Nigeria 2000
- (ii) Member, The Nigerian Society of Engineers 1997
- (iii) Member, International Association for Automotive and Road Engineering Education (IAAREE) 2015
- (iv) Member, Teachers Registration Council of Nigeria 2019

▪ **Work Experience:**

- a. Maintenance Engineer – Standard Breweries (Nigeria) Ltd. 1993 – 1994
- b. Lecturer – Department of Mechanical Engineering, The Polytechnic, Ibadan. 1994 – 1998
- c. Shift Engineer – Nigerian Bottling Company 1998 – 1999
- d. University College Hospital, Ibadan 1999 - 2003
- e. The Federal Polytechnic Ilaro 2003 Till Date

▪ **Administrative Responsibilities:**

- (i) Dean School of Engineering
2023 Till Date
- (ii) Chairman Committee of Deans
- (iii) Chairman Institutional Applied and Replicative Research Committee
- (iv) Chairman, Training and Workshop for Academic and Non Academics
- (v) Member Staff Development Committee
- (vi) Head of Department of Mechanical Engineering
2011 - 2015

- (vii) Head, Automotive Unit
- (viii) Chairman, Agric Engineering Curriculum Development Committee
- (ix) Member, Project Defense Committee
- (x) Member, project Exhibition Committee
- (xi) Member, School of Engineering Conference Planning Committee
- (xii) Member, Department Accreditation Committee
- (xiii) Member, Departmental Accreditation Committee
- (xiv) Member, Departmental Staff Appraisal Committee
- (xv) Member, School of Engineering Academic Planning and Accreditation Committee

(C) TEACHING INNOVATIONS AND DESIGNWORKS

- Fabrication of three way pulley puller
- Construction of electricity generator using internal combustion engine of Datsun 120Y
- Construction of Palm Kernel Nut cracker
- Take students on excursion to expose them to auto-equipments and tools not available in the school workshop
- Construction of the prototype ignition system on the table to demonstrate the vehicle ignition system.
- Use tin sheet metal to construct the operational principle of a four stroke cycle of spark ignition engine.
- Construction of the prototype braking system of a motor vehicle to facilitate a better understanding of the system.
- Performance evaluation of bio-diesel oils in Engineering Applications

(D) THESIS

- (i) Design of 4.0 Lts. Diesel Engine of a Tractor (M.Sc.) Thesis 1992
- (ii) Mixture of Palm Oil and petroleum diesel as Fuel for Diesel Engine (Ph.d Dissertation)

(E) BOOKS/CHAPTER IN BOOKS

- (i) Automobile Electrical Systems
- (ii) Introduction to Element of water supply and sanitary engineering
- (iii) Basic Technology: An Introductory approach 1. (Auto mechanical 1 Chapter five)
- (iv) Practical Manual for Technology Education (Automobile Technology Practicals).
Vol 1.
- (v) Practical Manual for Technology Education (Automobile Technology Practical)
Vol.2

(F) PUBLISHED ARTICLES IN LEARNED JOURNAL

- **Adegbenro S.A.:***Methodology and Techniques in Solving Engineering Problems* (Journal of Engineering and Technology, The Polytechnic Ibadan) 2010
- **Adegbenro S.A.:** *Imperative of Adequate Maintenance Culture of Motor Vehicles for National Development* (Journal of Education Innovation and Development) Vol. 5, No 2. 2020
- **Adegbenro S.A.& A.O. Aikulola:** *Funding: Problem Militating Against Technology Education in a Democratic Setting in Nigeria* (Journal of Contemporary Issues in Basic Education and Economic Development).
- **Adegbenro S.A.:***A survey of perceived areas of difficulties in technical drawing by technical education students* (Nigerian Journal of Education productivities and Contemporary Issues) vol. 4, no. 2 2010.
- **Adegbenro S.A.:***Towards effectives skill acquisition and skill development in vocational and technical education* (Journal of School of Management Studies, FPI. JORMATECH) 2010
- **Adegbenro S.A.:***A Study of the Effect of practical Exposure Outside the School Work on Students Skill in Vehicle Maintenance and Repair.* (Journal of Education and School Review) October, 2010.
- **Adegbenro S.A.:***Design Construction of Automatic Car Parking Light.* *Journal of Management and Technology* (JORMATECH) 2013

- **Adegbenro S.A.:***Feedback and Remediation: Strategies for Improving Students' Achievement in Thermodynamics.* The Engineer: Journal of Engineering and Technology (2014).
- **Adegbenro S.A.:***Construction of Biogas Plant as an Alternative Source of Energy in Nigeria.* (Nigerian Journal of Educational Research and Developmental Issues (NJERDI) vol. 3 No.1 (January, 2017).
- **Adegbenro S.A.:** *Application of Bio-Gas as an Alternative Source of Energy in Nigeria.* (Education and School Review ESR). Vol. 9. FEB. 2017
- **Adegbenro S.A.:** *Strategies for improving Students Academic Performance in Automobile Technology in Nigeria Polytechnics.*
- **Adegbenro S.A.& Aderemi Dada:***An investigation into the Engine Performance and Emission Characteristics of Diesel Engine Running on the mixture of Petroleum Diesel and Refined Palm Oil as Alternative Source of Energy in Nigeria.* (Journal of Education Theory and Practice (JETP) Vol. 7, No 2 (April, 2018).

(G) PAPERS PRESENTED AT CONFERENCES, SEMINARS AND WORKSHOPS ATTENDED

- **Adegbenro, S.A. (2007):***Polytechnic Education, Industrialization and National Development.* A conference paper presented at the 2nd Ilaro ASUP National Conference held at the Federal Polytechnic Ilaro, Ogun State. between 10th and 13th September, 2007.
- **Adegbenro, S.A. (2007):***Application of Science and Technology to Small and Medium Scale Enterprises in Nigeria.* A paper presented at the 3rd National Conference of the School of Applied Science and Technology held at the Federal Polytechnic Ilaro Ogun State Nigeria.
- 2D Auto-Cad Training held at The Federal Polytechnic Ilaro (2008)
- **Adegbenro S.A., Fajuyitan E.O. Aikulola A.O.:***Degree Awarding Status and Challenges of Curriculum Development, Human Capacity Building Infrastructure*

Upgrade and Funding Pattern in Nigeria Polytechnic. (A Paper Presented at 3rd National Conference of ASUP, Ilaro Branch November, 3rd – 6th November, 2008).

- **Adegbenro S.A.:***Maintenance Management of Compression Ignition Engines for Electricity Generation.* (Paper Presented at the First School of Engineering Conference, Federal Polytechnic, Ilaro 3rd – 5th November 2010).
- **Adegbenro S.A. (2011):** *Technical Education Training Entrepreneurial Skills and Realization of Nigeria Vision 20:2020.* A paper presented at the 4th ASUP Ilaro Chapter National Conference held at The Federal Polytechnic Ilaro Ogun State, between 5th and 9th September, 2011.
- **Adegbenro S.A. (2011):***Train the Trainer Workshop on the use of TVET/SKILL “G” EQUIPMENT between 19th and 22nd December 2011.*
- **Adegbenro S.A.(2012):***The development of a Garri Sieving Machine,* Paper presented at the 2nd National Conference of the School of Engineering, The Federal Polytechnic Ilaro between 12th and 15th November 2012.
- **Adegbenro S.A.(2012):***Workshop on Fire Prevention and Fire Fighting* held at The Federal Polytechnic Ilaro on 12th December 2012
- **Adegbenro S.A.(2013):***Improving the Quality of Technological Education towards achieving National Transformation Agenda.* A paper presented at the 2nd National Conference of the School of Applied Science, The Federal Polytechnic Ilaro between 6th and 9th May 2013.
- **Adegbenro S.A.(2013):***Capacity Building, Motivation: Pre-requisites for Strengthening Technical Teacher Education in Nigeria.* A paper presented at the 2nd National Conference of Colleges of Education Academic Staff Union of Emmanuel Alayande College of Education Capter, Oyo between 19th and 22nd August 2013.
- **Adegbenro S.A.(2014):***Adequate Implementation of Vocational and Technical Education Curriculum in Government Technical Colleges: Antidotes to Unemployment and National Security.* A paper presented at the 3rd National Conference held at Emmanuel Alayande College of Education, Oyo between 17th and 20th February 2014.

- **Adegbenro S.A.(2018):***First International Conference at The Federal Polytechnic Ilaro on Knowledge and Technological Innovation for Global Competitiveness* held from 5th – 8th November, 2018.
- **Adegbenro S.A.(2020):***Seminar on Co-operative Decency and A Healthy You. A One day Seminar* held on 12th December, 2020 at The Federal Polytechnic Ilaro, Ogun State Nigeria.

(H) OTHER RELEVANT INFORMATION

1. Resource Person as Guest Speaker at Yewa Egbado College (Senior School) Ilaro Ogun State Nigeria. on the occasion of the School’s “Career Day”
2. Member of the Technical Advisory Committee of Technology Incubation Centre, Ibadan Oyo State Nigeria.
3. Vice-President of Oyo Progressive Elite Club Oyo State Nigeria.
4. Member Oyo Premier Club Oyo Nigeria.

(I) EXTRA CURRICULAR ACTIVITIES

Driving, Traveling and Sports.

REFEREES

(i) ENGR. O.A. OSORE

Department of Mechanical Engineering
Federal Polytechnic Ilaro,
Ogun State, Nigeria
08036896807

(ii) Dr. O.P. DUROJAIYE

Department of mathematics and Statistics
Federal Polytechnic Ilaro,
Ogun State, Nigeria.
08033806704

(iii) Dr. B.T. LASISI

Department of Technical Education
Emmanuel Alayande College of Education
Oyo Stat, Nigeria
08033546609

Signature

Date