**ENGR. SYLVESTER ANI UGWU**

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**PERSONAL:**

**Date and Place of Birth:** 7th December 1963, Akegbe-Ugwu, Awkunanaw.

**State and Nationality:** Enugu State, Nigeria.

**Marital Status:** Married

**EDUCATION:**

W.A.S.C (O’ Level) 1982, Boys’ Secondary School, Neni, Aniocha L.G.A., Anambra State.

B.Eng (Hons)(Mechanical Engineering) 1987, University of Nigeria, Nsukka.

M.Sc (Production Engineering) 1990, Ahmadu Bello University, Zaria.

**PROFESSIONAL SOCIETIES:**

Member, Nigerian Society of Engineers, COREN Registered Engineer ( R6162).

**OTHER SCHOLARLY ACHIEVEMENTS:**

**WORK EXPERIENCE:**

1990-1991: Lecturer III, Department of Mechanical Engineering, Federal Polytechnic Bida, Niger State.

1991: Lecturer II, Department of Mechanical Engineering, Ahmadu Bello University, Zaria.

1991: Lecturer II (Part Time), School of General and Remedial Studies, Ahmadu Bello University, Zaria.

1991-1994: Lecturer II, Department of Mechanical Engineering, University of Nigeria, Nsukka.

1994-1997: Lecturer I, Department of Mechanical Engineering, University of Nigeria, Nsukka.

1997-Date: Senior Lecturer, Department of Mechanical Engineering, University of Nigeria, Nsukka.

1993-1996: Lecturer II (Part Time), Department of Microbiology, University of Nigeria, Nsukka.

1996-1997: Lecturer I (Part Time), Department of Microbiology, University of Nigeria, Nsukka.

1994: Lecturer I (Visiting), Department of Mechanical Engineering, University of Maiduguri, Maiduguri, Borno State.

1995-1997: Lecturer I (Part Time), Science Laboratory Technology Training Scheme (Evening programme), University of Nigeria, Nsukka.

1997-2005: Senior Lecturer (Part Time), Science Laboratory Technology, Training Scheme (Evening programme), University of Nigeria, Nsukka.

1997-1999: Lecturer I (Part Time), Department of Computer Science, University of Nigeria, Nsukka.

1999-2005: Senior Lecturer (Part Time), Department of Computer Science, University of Nigeria, Nsukka.

1997-2000: Senior Lecturer (Part Time),Department of Statistics, and Computer (Sandwich Unit), University of Nigeria, Nsukka.

**SERVICE TO GOVERNMENT AND OTHER PUBLIC BODIES:**

**Member**, Faculty Board of Engineering 1991-Date.

**Member**, Departmental Board of Mechanical Engineering 1991-Date

**Member**, University of Nigeria Students Industrial Work Experience Program Committee 1992-2003.

**Coordinator**, Dept. of Mechanical Engineering Students Industrial Work Experience (SIWES)1992-2003.

**Member**, Faculty of Engineering Welfare Committee 1992-2003.

**Member**, Faculty of Engineering Examination committee 1992-2003.

**Supervisor**, Joint Admission and Matriculation Board (JAMB)1994.

**Staff Adviser**, THERMAC-Mechanical Students Association 1994-2001.

**Coordinator**, Department of Mechanical Engineering Services Unit 1999-2005

**Member**, University of Nigeria Senior Staff Housing Committee 2000-2002

**Head**, Department of Mechanical Engineering, University of Nigeria, Nsukka Aug. 2002-July 2005.

**Member**, University of Nigeria Senate 2002-2005.

**Staff Adviser**, National Union of Nkanu Students, University of Nigeria, Nsukka 2005-2008.

**Chairman**, Faculty of Engineering Welfare Committee 2005-2008.

**Member**, Faculty of Engineering Development Committee (FEDECOM)2002-2005.

**Coordinator**, Department of Mechanical Engineering Final Year Thesis 2005-2008.

**Coordinator**, University of Nigeria Students Industrial Work Experience Scheme, August 2007- July 2011.

**Member**, University of Nigeria Senate 2007- July 2011.

**Chairman**, Faculty of Engineering Security Committee for 2012 HMML.

**PUBLICATIONS AND RESEARCH:**

**1.** Ugwu, S.A.; Stress Analysis of a Spur Gear by Photo-elastic and Finite Difference Methods, Nigerian Society of Engineers Technical Transaction, Vol. 30. No 1, 1995. pp. 1-7.

**2.** Ugwu, S.A.; Finite Element Analysis of Stresses in Toothed Wheel; Nigerian Society of Engineers Technical Transaction, Vol. 30, No.4. 1995. pp. 6-10.

**3.** Ugwu, S.A.; Maintenance Management in Oil Company in Nigeria. A case study; Proceedings of the International Conference on Maintenance of Engineering Facilities in Developing Countries; Oct 10-13, 1995. Botswana, South Africa.

**4.** Ugwu, S.A.; A Nigerian Based Standard Plant for Locomotive Spare Parts. Global Journal of Engineering, Vol. 1 No. 1. 2000. pp. 58-65.

**5.** Ugwu, S. A; The Effects of Percentage Clearance and Blank Thickness on the Maximum Blanking Energy. Journal of Science and Technology Research. Vol. 4 No. 1. 2005. pp. 56-61.