*FORMAT B*

**OLABISI ONABANJO UNIVERSITY, AGO-IWOYE, NIGERIA**

**CURRICULUM VITAE AND ANNUAL APPRAISAL SHEET FOR ACADEMIC STAFF FOR FULL APPRAISAL**

**A. PART1: PERSONAL DATA**

1. Name: **ADEKOYA,** BOLARINWA JOHN

2. Department: PHYSICS

3. College/Faculty: SCIENCE

4. Date and Place of Birth: April 24, 1980/ Lagos

5. Nationality: Nigerian

6. Marital status: Married

7. Number of Children: Nil

8. Name and Address of Spouse: Mrs. Adekoya, Funmilola T.

 3, Ajebo Street, Oru-Ijebu

9. Name and Address of Next of Kin: As in 8 above

10. Field of Specialization: Space Physics and Radio propagation communication Physics

18. Email Address: adekoyabolarinwa@yahoo.com ; adekoyabolarinwa@gmail.com

19. Telephone Number: 08155123736; 07038124660

**B. EDUCATIONAL BACKGROUND**

**1. *Academic Qualifications/ Institution Attended (With Dates)***

* **M.Sc**. Physics with Atmospheric Physics Option, Olabisi Onabanjo University, Ago Iwoye, Ogun-State. **2011**
* **B.Sc**. (Hons) Physics with electronics **(2nd class upper)** Olabisi Onabanjo University, Ago- Iwoye, Ogun-State. **2007**
* West Africa Senior School Certificate (WASSC),Idomila Comprehensive High School, Idomila, Ijebu- Ode, Ogun State. **2000 & 2001.**

**2. *Current Higher Degree Programme Registered for (if any)****:*

* **Ph.D.** in Physics with Atmospheric Physics Option, Olabisi Onabanjo University, Ago- Iwoye, Ogun-State, Nigeria.

**3. *Awards and Distinction:*** Nil

**C. WORKING EXPERIENCE:**

 **1. *Previous Work Experience outside the University System:***

* Prowess Secondary School, Tajala, Ijebu-Ife, Ogun State.

Position: Physics and Mathematics PTA Tutor. **Aug. 2010- Sept. 2011**

* National Youth Service Corps at Ogbinbiri Secondary School, Ogbinbiri, Warri North Local Government, Koko, Delta State.

Position: Physics and Mathematics PTA Tutor. **Aug. 2008- July 2009**

* Adroit Teckniks Electrical and Electronics company **(SIWES). 2006**
* Itele High School Itele-Ijebu, Ijebu East Local Government, Ogun State,

Position: Physics and Mathematics PTA Tutor.  **Feb., 2003- April 2005.**

**2. PREVIOUS WORK EXPERIENCE IN THE UNIVERSITY**:

 **Academic Responsibilities:**

* Teaching:
* PHY101: General Physics I (4 Units)
* PHY101: General Physics II (4 Units)
* PHY112: Physics, Energy and Society, (3Units)
* PHY151: Experimental Physics IA, (1Unit)
* PHY152: Experimental Physics IB, (1Unit)
* PHY205: Vibration and Waves (3 Units)
* PHY251: Experimental Physics IIIA, (2 Units)
* PHY211: Astronomy and Astrophysics, (3 Units)
* PHY212: Solar and Atmospheric Physics (3 Units)
* PHY252: Experimental Physics IIIB, (2 Units)
* PHY303: Waves and Optics (3 Units)
* PHY363: Fabrication and Design of Electronics, (3 Units)
* PHY401: Electrodynamics I, (3 Units)
* PHY402: Electrodynamics II, (3 Units)
* PHY421: Electronics Devices III, (2 Units)
* PHY451: Experimental Physics IV, (2 Units)
* Supervision of Undergraduate Projects (Co-Supervisor)
* Supervision of students on Industrial Training (SIWES)

 **(ii) Research (Completed/On-going)**

* Ph.D Research programme, Olabisi Onabanjo University, Ogun-State, Nigeria.

**(iii) Administrative Functions & Contribution to the University**:

(a) 100 Level Coordinator **2012-2013**

(b) 400 Level Coordinator **2010-2011**

(c) Department Secretary **2012-Date**

(d) 300 Level Coordinator **2013-2014**

**(iv) Contribution to the Nation**: Nil

**D. MEMBERSHIP AND REGISTRATION WITH PROFESSIONAL BODIES**

(i) Member Nigeria Institute of physics

(ii) Member, Nigeria Union of Radio Sciencean affiliate of International Union of Radio Science

 Nigeria (URSI)

(iii) Africa Geophysical Union (AGU)

**(E) PUBLICATIONS:**

**(i) *Thesis/Dissertation;***

**(a) Adekoya, B. J.** (2011): A study of the mid-latitude ionospheric F2 to the total solar eclipses of

solar cycle 22 and 23. (M.Sc. Dissertation) Department of Physics Olabisi Onabanjo University, Ago-Iwoye.

 **(b) Adekoya, B. J.** Geomagnetic activity associated with earth passage of interplanetary storm during

the April 14, 2006. (B.Sc. project) Department of Physics, Olabisi Onabanjo University, Ago-Iwoye.

**(ii) *Books:*** Nil

**(iii) *Monographs:*** Nil

**(iv) *Journal Articles:***

**(a) *Published Article;***

**(1)** Bakare, N.O., Chukwuma, V.U. and **Adekoya, B. J.** (2010). The geomagnetic observation and ionospheric response during storm of April 14, 2006. *Indian Journal of Radio & Space Physics,* **39**, 71-79. [Publisher; National Institute of communication and information resources, CSIR India with India National Science Academy; Owner: Indian National Science Academy]. **[ACTIVITY: Analysis of results, preparation and editing of manuscript].**

**(2)** David T.W., Akintola A.N. and **Adekoya, B. J.** (2011). Time/Level of ionospheric response to geomagnetic storm of July 25-26, 1981 at different latitudes *Indian Journal of Radio & Space Physics,* **40**, 311-319. [Publisher; National Institute of communication and information resources, CSIR India with India National Science Academy; Owner: Indian National Science Academy]. **[ACTIVITY: Editing of manuscript, and in revision].**

**(3) Adekoya, B.J.,** Chukwuma, V. U., Bakare, N. O., and T. W. David. (2012). On the effect of geomagnetic storms and pre-storm phenomena on low and mid latitude ionospheric F2. *Astrophysics and Space Physics,* **340**, 217-235. (Publisher; SPRINGER, Netherland). **[ACTIVITY: Corresponding Author, Analysis of the results and preparation of manuscript].**

**(4) Adekoya, B.J.,** Chukwuma, V. U., Bakare, N. O., and T. W. David. (2012). Effects of geomagnetic storm on middle latitude ionospheric F2 during storm of April (2-6), 2004. *Indian Journal of Radio & Space Physics,* **41** (6), 594-605. (Publisher; National Institute of communication and information resources, CSIR India with India National Science Academy). **[ACTIVITY: Corresponding Author, Analysis of the results and preparation of manuscript].**

**(5) Adekoya, B.J.** and V.U. Chukwuma. (2012). Response of the mid-latitude ionospheric F2 to the total solar eclipses of solar cycle 23. *Indian Journal of Radio & Space Physics,* **41** (6), 606-616. [Publisher; National Institute of communication and information resources, CSIR India with India National Science Academy; Owner: Indian National Science Academy]. **[ACTIVITY: Corresponding Author, Analysis of the results and preparation of manuscript].**

**(6)** Adebesin, B. O., Ikubanni, S. O., Kayode, J. S. and **Adekoya, B. J.** (2013): Variability of solar wind dynamic pressure with solar wind parameters during intense and severe storms. *The African Review of Physics*, **8** (0019), 119-128 [Publisher/Owner: International Centre for Theoretical Physics, ICTP, Italy]. **[ACTIVITY: Analysis of the results and editing of manuscript].**

**(7)** Alausa, S. K., **Adekoya, B. J.,** Aderibigbe, J. O., Nwaokocha, C. F. (2013).Thermal characteristics of Laterite-mud and Concrete-block for walls in building construction in Nigeria. *International Journal of Engineering and Applied Sciences,* **4** (4), 1-4, ISSN: 2305-8265. ). **[ACTIVITY: Analysis of the results and editing of manuscript].**

**(8) Adekoya B. J.,** B. O Adebesin and I. M. Alausa(2013). Ionospheric Day to Day Morphology during the storm of 12 August, 2000. *Sun and Geosphere,* **8**(1), 33-39 (ISSN: 1819-0839), [Publisher/Owner: The Balkan, Black Sea and Caspian Sea Regional Network on Space Weather (BBC SWS Regional Network), Bulgaria]. ). **[ACTIVITY: Corresponding Author, Analysis of the results and preparation of manuscript]**

**(9)** Adebesin, B. Oand **Adekoya, B. J.** (2013): F2-Layer Response to a storm time disturbance at

equatorial/low- and mid-latitudes. *Sun and Geosphere 8(1) 41-49* [Publisher/Owner: The Balkan, Black Sea and Caspian Sea Regional Network on Space Weather (BBC SWS Regional Network), Bulgaria] (ISSN: 1819-0839)**. [ACTIVITY: Analysis of results and editing of manuscript]**

**(10)** Adebesin, B.O., **B.J. Adekoya**, S.O. Ikubanni, S.J. Adebiyi, O.A. Adebesin, B.W. Joshua and K.O. Olonade (2014): Ionospheric foF2 morphology and response of F2 layer height over Jicamarca during different solar epochs and comparison with IRI-2012 model. *Journal of Earth System Science, 123(4), 751-765* [Publisher; Springer; Owner: Indian Academic of Sciences)**. ISSN: 0973-774x. [ACTIVITY: Analysis of the results and editing of manuscript].**

**(11) Adekoya B. J.** and Adebesin, B. O. (2014): Hemispheric, seasonal and latitudinal dependence of storm-time Ionosphere during low solar activity period*Advances in Space Research*, *http://dx.doi.org/10.1016/j.asr.2014.08.013* (Publisher; Elsevier, UK; Owner: Committee on space Research, COSPAR). **[ACTIVITY: Corresponding Author, Analysis of the results and preparation of manuscript].**

**(v) *Paper accepted for Publication (With letters of Acceptance):***

**(12) Adekoya B. J.** and Adebesin, B. O. (2015): Ionospheric and solar wind variation during magnetic storm onset and main phase at low- and mid-latitudes ***Acta Geophysica*, REF:** AG-D-14-00084R1 [Publisher: SPRINGER/VERSITA; Owner: Institute of Geophysics, Polish Academy of Sciences] **[ACTIVITY: Corresponding Author, Analysis of the results and preparation of manuscript].**

**(vi) *Contribution to Books:*** Nil

**vii) *Published Refereed Conference Proceeding;***

**(13) Adekoya, B. J.,** Chukwuma, V. U., and Salako, S. A. (2013). On the coexistence of positive and negative ionospheric storm during geomagnetic storms and pre storm phenomena on low and low-mid latitude ionospheric F2. In book of proceedings of 5th annual conference of the *Nigeria Union of Radio Science (NURS) an affiliate of International Union of Radio Science Nigeria (URSI)*, pp. 15-28, ISBN: 978-978-934-657-8. **[ACTIVITY: Corresponding Author, Analysis of the results and preparation of manuscript**

**(viii) *Technical Reports:*** Nil

**(ix) *Manuscript Submitted for Publications:*** Nil

**(x) *Unpublished Conference/Workshop papers and Public Lectures:*** Nil

**F.** **CONFERENCES ATTENDED WITH DATES AND PAPERS READ:**

1. Conference on Radio Science and National Security organized by Nigeria Union of Radio Science (NURS) now International Union of Radio Science Nigeria (URSI Nigeria) and Department of Physics, Olabisi Onabanjo University (OOU), Ago-Iwoye, Nigeria. **Nov. 28-Dec. 1, 2012**
2. The 1st workshop on MATLAB capacity for the postgraduate students organized by Department of Physics Olabisi Onabanjo University, (OOU) Ago-Iwoye and Nigeria Union of Radio Science (NURS) now International Union of Radio Science Nigeria (URSI Nigeria). **Nov. 8th-9th, 2012**
3. Conferenceon Satellite Technology and its Applications organized by the Nigeria Union of Radio Science (NURS 2009) at Redeemer’s University (RUN) Redemption City. **Dec. 2nd–5th, 2009**
4. Physics for Suitable Environment, Transportation and Economics Empowerment, Department of Physics Olabisi Onabanjo University, Ago-Iwoye. **5th–8th August, 2008**
5. Sustainable Energy and Friendly Environment. Olabisi Onabanjo University, Faculty of Science (OOU) Conference, Ago-Iwoye. **Feb. 5th-7th, 2008**
6. Global system of Mobile Communication in Nigeria **(2003)**: Conference of the Department of Physics, Olabisi Onabanjo University, Ago-Iwoye.

**G.** **CONTRIBUTION TO NATIONAL AND INTERNATIONAL LIFE:**

1. **Within the University:** Nil
2. **Outside the University:** Nil

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**Signature Date**