TOWARDS UNISEC–NIGERIA, THE JOURNEY SO FAR.

Nnadih Stanislaus O. African Regional Centre for Space Science and Technology Education in English, Nigeria.
Space related education in Nigeria started with the inception of the African Regional Centre for Space Science and Technology Education, a UN affiliated centre for the English speaking countries in Africa.

Which presently operate under the Nigerian Space Agency– The National Space Research and Development Agency (NASRDA)
The Centre believes in the “Catch them young syndrome” – more attention to school children because they are the future leaders.
Schools’ Workshop

Hands-on Activities
North West Zone
Venue: Kano, Kano State
April 18, 2013

North Central Zone
Venue: Minna, Niger State
March 27, 2013

South East Zone
Venue: Awka, Anambra State
May 8, 2013

South West Zone
Venue: Ile-Ife, Osun State
May 14-15, 2013

South-South Zone
Venue: Calabar, Cross River State
Scheduled for June 5, 2013

Zonal Workshops on Robotics
The Zeronaut Programme was established to inspire the young ones. It takes place annually at the Kennedy Space Center, Florida, USA in collaboration with Space Week International Association (SIA). Three Nigerian secondary school students selected by ARCSSTE-E have been privileged to participate in the Zero-G flight, and experience the floating conditions associated with space flights.
The Centre also noticed that these Students graduate from the primary schools to the universities only to discover their dream course of study where not available.

No University in the country presently offer program in Space science and space system development maybe due to economic constraint to acquire the necessary equipment;
The Centre has designed curriculum such that space education can be taught as a course in schools and has also established space clubs in primary, secondary and tertiary institutions as extra curriculum activities, to better educate the students.
Prior to our participation in CLTP’s; space systems development for educational purpose was seen as unimaginable or “just-a-dream”.

Thereafter, we have successfully organized training workshops to students in some universities across the nation:

- University of Nigeria Nuskka,
- University of Uyo
- Federal University of Technology, Akure
- Enugu State University of Science and Technology
- Osun State University,
- Obafemi Awolowo University,
- Fountain University, Oshogbo.
TRAINING WORKSHOP AT DIFFERENT INSTITUTIONS
STUDENTS SPACE RELATED PROJECTS AS A RESULT OF THE TRAINING WORKSHOPS HELD IN THEIR INSTITUTIONS
The students from four universities were given locally soured materials and a payload (raw egg) to design and build a system that was dropped from a tall building to recover the raw egg.

This competition challenged them to think creatively and also work as a group just like in space industry.
A student from Obafemi Awolowo University participated in Microsoft Imagine Cup contest that was held in Nigeria 2013, with a canSAT he developed
UNISEC–Nigeria will motivate and encourage more universities to participate in space related activities.

She will encourage competition and collaboration among students and universities.

She will also promote incremental learning (step-by-step progression).

UNISEC–Nigeria will create an opportunity for individuals and private organizations to fund her activities.
DRAFT STRUCTURE OF UNISEC–NIGERIA

UNISEC–Nigeria

UNI–A

UNI–B

UNI–C

UNISEC–GLOBAL

ARCSSTE–E

Supervisory role

INDIVIDUAL/PRIVATE ORGANISATION (Funds)
THANK YOU FOR YOUR ATTENTION

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