

FEDERAL UNIVERSITY OF TECHNOLOGY, OVERRI
IMO STATE NIGERIA



.... Technology for Service

2018
ANNUAL
REPORT

Website: www.futo.edu.ng



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FORWARD

Two years have successfully rolled by and I have every reason to thank God. In consonance with this administration’s mantra, “Driving the culture of Excellence”, we have anchored on good governance, high academic standards, sharpened research enterprise sustained infrastructural development and agricultural revolution, we have continued to raise high reputation and excellence for which FUTO is known.

The annual report is a review of what we have accomplished during the year. On infrastructural and physical development this administration embarked on a number of projects aimed at expanding the University’s infrastructural base through the completion of inherited projects and the construction of new ones. These include lecture halls and workshops, access roads, street lights, perimeter fencing, as well as the commercial agricultural projects.

Staff and students welfare have been accorded major priority in my administration. Salaries and promotions have been regular. Staff were sponsored for study programmes, conferences and workshops within and outside the country. In-house trainings were organized for staff by the Centre for Human Resource Development. Many staff (teaching and non-teaching) benefitted from the TETFUND Training grants. The Management has improved facilities at the student hostels and maintained regular direct attraction with students to promote a healthy Management students relationship.

The University extended its borders, having collaboration with institutions in China and other parts of the world. As usual, our community services were extended to neighbouring towns on health issues and many of the youths were offered opportunities in the University.

It was not all successes through the year, the administration experienced some challenges namely: inadequate power supply, not being able to achieve the perimeter fencing of the University and staff quarters as planned. However, efforts are being made to address the challenges.

The fact that FUTO has remained a vibrant and accomplished institution is a testimony to the caliber and commitment of its staff, students and its qualitative leadership. I therefore express my sincere thanks and appreciation for the cooperation and dedication to duty of the generality of our staff.

I salute the Academic Planning and Development Unit and the contributors to this 2017 Annual Report of the University for their hardwork, sacrifices and dedication.

Prof. Francis ChukwuemekaEze FSES, FNPI, KSJI, JP
Vice-Chancellor, FUTO

EDITORIAL COMMENT

We are delighted to present this 2018 edition of the University's Annual Report.

The report highlights the achievements of the various Schools, Departments, Directorates and Units of the University within the reporting period. The report is divided into four chapters. The first chapter was devoted to the historical background. Chapter two was on the activities of Schools, Academic Centers and Institutes. Chapter three was on the Administrative, Professional and Technical services while the fourth was on other supporting facilities and services.

The Academic Planning and Development Unit remains grateful to the Vice-Chancellor for his support and encouragement towards the production of this Report.

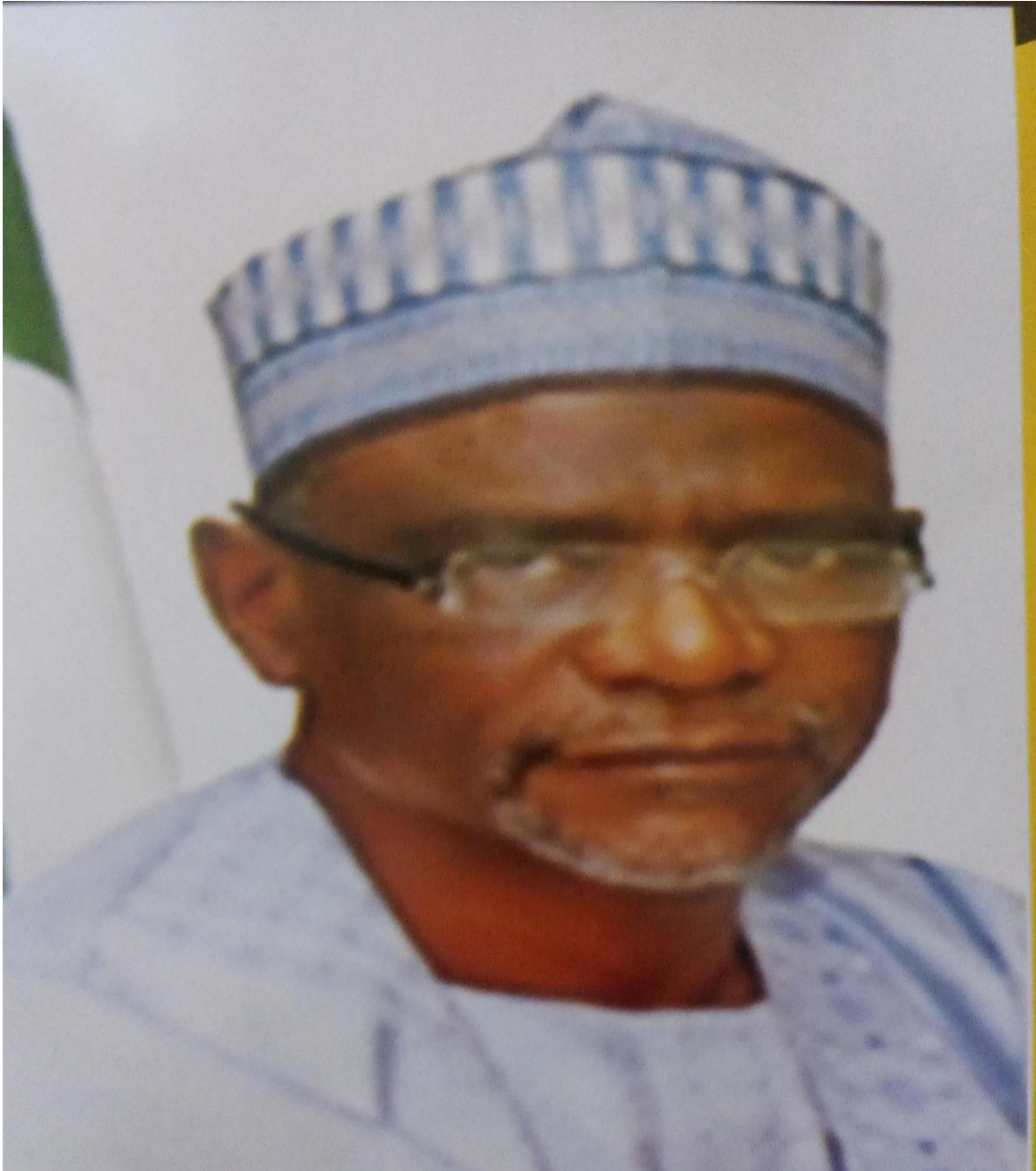
The editor wishes to thank and appreciate all staff of the Academic Planning and Development Unit of this University for their diligent and commitment to work.

Prof. I. S. Iwueze, FNSA, FNMS

Director, Academic Planning and Development Unit



**His Excellency
President Muhammadu Buhari (GCFR)
President, Commander-In-Chief of the Armed Forces
Federal Republic of Nigeria.**



Mallam Adamu Adamu
Honourable Minister of Education



**His Royal Highness
Alhaji Muhammadu Barkindo Aliyu Musdafa sPh.D, CFR,
Lamido Adamawa
Chancellor**



Prof. John O. Offem

B.Sc. (Ibadan), M.S.c, Ph.D. (Loughborough), F.C.S.N, MBMS
Pro-Chancellor/Chairman 11TH Governing Council



Prof. F. C. Eze FSESN, FNIP
B.Sc (Nig), M.Sc(Dundee), Ph.D (Nig), KSJI, JP.
The Vice-Chancellor

Prof Okoro Oahobe



Prof. O. Ogbobe
B.Sc. (Ibadan), M.Sc. (Zaria), Ph.D Loughborough
Deputy Vice-Chancellor (Academic)



Prof. J. S.
B.Sc., M.Sc, Ph.D. (Nig)
Deputy Vice-Chancellor (Administration)



Mr. John U. Nnabuihe
B. A. (Nig.) M.A. (ABSU)
Registrar



**Mr. Don Nwokecha, MNIM
BSc., (Nigeria), MBA, CNA
Bursar**



Dr. (Mrs.) C.V. Anunobi
B.ScEdu (Nig.) MLS,Ph.D
University Librarian

MEMBERS OF THE 11TH GOVERNING COUNCIL



Dr. O. Offem
Chairman/Pro-Chancellor



Prof. F. C. Eze
Vice-Chancellor, Member



Prof. J
DVC (Academic) Member



Prof. I. C. Ndukwe
DVC (ADMIN), Member



Prof. J
DVC (Academic) Member



Prof. I. C. Ndukwe
DVC (ADMIN), Member

**Blessing Bamaiyi
Member**



**Alhaji Umar Shamaki Tula
Member**



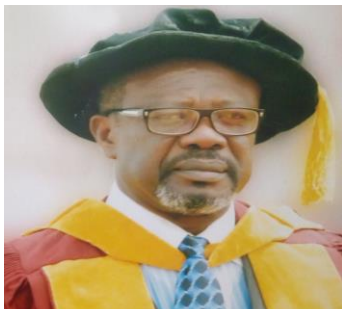
**Prof. C. B. Jiburum
Member**



**Mrs. Maureen OnoghonOmohkhomian
Member**



**Prof. C. C. EZE (Rep. Senate)
Member**



**Prof. I. N. S. Dozie (Rep. Senate)
Member**



**Engr. Prof. G. I. Nwandikom (Rep. Senate)
Member**



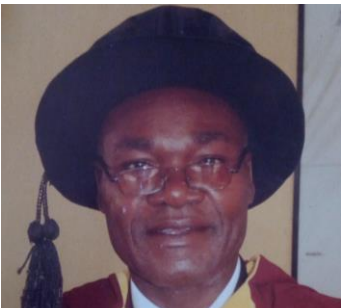
**Engr. Prof. (Mrs) G. A. Chukwudebe (Rep. Senate)
Member**





**Mr. J. U. Nnabuihe (Registrar)
Secretary to Council**

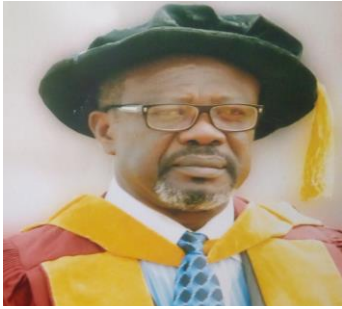
DEANS OF SCHOOLS



**Prof. P. C. Obasi
SAAT**



**Prof. J. N. Ogbulie
SOBS**



**Engr. Prof. G. I. Nwandikom
SEET**



**Rev. Sr. Prof. T. E. Oparaocha
SOHT**



**Prof. C. C. Ibe
SMAT**



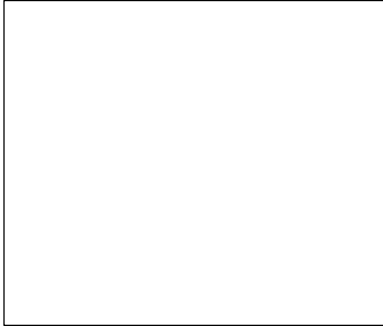
**Prof. B. C. Anusionwu
SOPS**



**Prof. E. E. Oguzie
SOES**



**Prof. A. N. Amadi
SBMS**



Prof. J. I. Alinnor
SAU



Prof. (Mrs) N. N. Otti
PGS

DIRECTORS OF INSTITUTE/CENTRES AND UNITS

Academic Planning & Development Unit (AP&D)

Prof. I. S. Iwueze

Centre for Continuing Education (CCE)

Prof. M.C. Agu

Directorate of General Studies (DGS)

Prof. A. U. Uzoma

Intellectual Property & Tech. Transfer Office (IPTTO)

Prof. E. N. O. Ejike

Centre for Human Resource Development (CHRD)

Prof. A. E. Agbogu

Centre for Nuclear Energy Studies & Training (CNEST)

Prof. O. M. I. Nwafor

Centre for Research & International Development (CRID)

Prof. I. J. Ogoke

Institute of Erosion Studies (IES)

Prof. M.C. Ofoh

Centre for Industrial Studies (CIS)

Engr. Prof. S. N. Asoegwu

Office for University Development (OUD)

Engr. Prof. Mrs. K. B. Oyoh

Centre for Agricultural Research & Extension (CARE)

Prof. E.B.Etuk

Institute of Environmental Health & Justice (IEHEJ)

Prof. R. N. Nwaoguikpe

Nigeria-Israeli Centre for Management Studies (NICMS)

Prof. L. E. Akujobi

Centre for Entrepreneurial Studies (CES)
Prof. C. C. Eze

Public Procurement Research Centre (PPRC)
Engr. Prof. Remy Uche

University Linkages & Advancement (ULA)
Prof. I. N. S. Dozie

Institute for Women/Gender & Dev. Studies (IWGDS)
Prof. Mrs. G. N. Okwu

University Computer Centre (UCC)
Dr. Mrs. U. F. Eze

University Admissions Officer (UAO)
Prof. Mrs. J. C. Orji

Quality Assurance (QA)
Dr. E. Esenwah

Students Industrial Work Experience Scheme (SIWES)
Dr. C. C. Z. Akaolisa

Centre for Energy & Power Systems Research (CEPSR)
Engr. Dr. N. V. Ogueke

Physical Planning & Development Unit (PP&D)
Arc. Chima Njoku

Estate & Works (E&W)
Engr. M. C. Nwachukwu

Central Instrument/Equipment Centre
Engr. Prof. C.D. Okereke

HEADS OF DEPARTMENTS

Prof. Mrs. O. P. Onyewuchi	-	Crop Science & Technology (CST)
Prof. U. C. Ibekwe	-	Agricultural Economics (AEC)
Dr. C. T. Ezeokeke	-	Animal Science & Tech. (AST)
Dr. M. A. Ukpongson	-	Agricultural Extension (AEX)
Dr. C. Ogueri	-	Fisheries & Aquaculture Technology (FAT)
Dr. D. I. Edet	-	Forestry & Wildlife Technology (FWT)
Dr. I. I. Ekpe	-	Soil Science Technology (SST)
Dr. J.C. Osuagwu	-	Civil Engineering (CIE)
Engr. Dr. Mrs. F. L. Kamen	-	Chemical Engineering (CHE)
Dr. (Mrs.) I.E. Achumba	-	Electrical & Electronic Engineering (EEE)
Prof. (Mrs) N.C. Ihediohanma	-	Food Science Technology (FST)
Dr. G.O. Osueke	-	Mechanical Engineering (MEE)
Engr. Prof. G. M. Anyakwo	-	Materials & Metallurgical Engineering (MME)
Dr. C.N. Izuwa	-	Petroleum Engineering (PET)
Dr. G.N. Onyeagoro	-	Polymer & Textile Engineering (PTE)
Dr. K.O. Chilakpu	-	Agricultural & Bio-Resources Engineering (ABE)
Engr. Dr. F. I. Izuegbunam	-	Mechatronics Engineering (MCE)
Dr. S.O. Onyekuru	-	Geology (GLY)
Prof. M. O. C. Ogwuegbu	-	Chemistry (CHM)
Dr. Mrs. C. A. Madu	-	Physics (PHY)
Dr. C. A. Nse	-	Mathematics (MTH)
Dr. G.U. Ugwuanyim	-	Statistics (STA)
Dr. (Mrs) E.C.Nwokorie	-	Computer Science (CSC)
Dr. E. C. Nwogu	-	Science Lab. Tech. (SLT)
Prof. O.A. Ojiako	-	Biochemistry (BCH)
Dr. Mrs. T. E. Ogbulie	-	Biotechnology (BTC)
Dr. C. O. Nweke	-	Microbiology (MCB)
Prof. N. Nwachukwu	-	Biology (BIO)
Prof. G. F. Okoroafor	-	Project Management Technology (PMT)
Prof. Mrs. I. P. Asiabaka	-	Management Technology (MGT)
Dr. D.E. Onwuegbuchunam	-	Maritime Management Technology (MMT)
Dr. B. A. Ozurumba	-	Financial Management Technology (FMT)
Dr. Mrs. S. N. O. Ibe	-	Public Health (PUH)
Dr. A.U. Megwa	-	Optometry (OPT)
Dr. Jervas Ekezie	-	Prosthesis & Orthotics (POT)
Dr. S. C. Iwuji	-	Biomedical Technology (BMT)
Dr. Mrs. S. I. Umeh	-	Environmental Health Science (EHS)
Dr. C. C. Iwuala	-	Dental Technology (DNT)

- Arch Dr. S. I. Nwankwo** - Architecture (ARC)
- Engr. Dr. D. O. Onwuka** - Building (BLD)
- Dr. P. N. Okeke** - Environmental Technology (EVT)
- Dr. R.A. Ugulu** - Quantity Surveying (QS)
- Ven. Surv. Dr. A. C. Chukwuocha** - Surveying & Geo-informatics (SVG)
- Dr. Mrs. C. C. Nwachi** - Urban & Regional Planning (URP)
- Dr. (Mrs.) G. N. Okeudo** - Transport Management Technology

LIST OF DEPUTY DIRECTORS

S/N	NAME	NAME OF UNIT/CENTRE
1.	Engr. Dr. Laz Uzoechi	Deputy Director, Centre for Energy & Power System Research (CEPSR)
2.	Engr. DR. (Mrs) Uche Moneke	Deputy Director, Centre for Research and International Development (CRID)
3.	Engr. Dr. A. C. Uzorh	Deputy Director, Centre for Industrial Studies (CIS)
4.	Dr. R.C. Ihejirika	Deputy Director, Office for University Development (OUD)
5.	Dr. (Mrs) A. Emejulu	Deputy Director, Centre for Continuing Education (CCE)
6.	Dr. F.O. Ojiako	Deputy Director, FUTU Farms Limited
7.	Dr. F.O. Nwosu	Deputy Director, Public Procurement Research Centre (PPRC)
8.	Dr. Chika Ogueke	Deputy Director, Centre for Entrepreneurial Studies (CES)
9.	Dr. C.E. Orji	Associate Dean, Student Affairs Units
10	Dr. (Mrs) Emilia Nwokenkwo	Deputy Director, Academic Planning and Development
11	Dr.(Mrs) M.O. Ofor	Deputy Director, Institute for Women, Gender and Dev. Studies
12	Dr. A.I. Opara	Deputy Director, Institute of Erosion Studies
13	Engr. Dr. U.I. Duru	Deputy Director, Information and Communication Tech. Centre
14	Dr. R.C. Ihejirika	Deputy Director, Office of the University Development
15		

UNIVERSITY ORATOR AND CHAIRMAN, LECTURE SERIES COMMITTEE

1.	Prof. C.B.C. Ohanuzue	University Orator and Chairman, Lecture Series Committee
2.	Prof. J.E. Ovri	Chairman, Business Committee of Senate

LIST OF MANAGING DIRECTORS

1.	Dr. (Mrs) E. Eze	FUTO Farms Ltd.	Managing Director
2.	Engr. Dr. (Mrs) B.U. Dike	FUTO Consult	Ag. Managing Director
3.	Mr. R.U. Akujobi	FUTO Bookshop Ltd.	Managing Director
4.	Dr. I.N. Emerole	FUTO Press Ltd.	Managing Director

LIST OF DESK OFFICERS AND OTHER HEADS

1.	Engr. Dr. O.E.Onyelucheya	TETFUND	Desk Officer
2.	Dr. D.D.O. Eya	NEEDS	Desk Officer
AG. HEAD, PROCUREMENT UNIT			
3.	Surv. C.C. Esogwa	Procurement Unit	Ag. Head
LIST OF AG. PRINCIPAL/HEAD TEACHER			
4.	Dr. (Mrs) J.C. Ogbonna	FUTO International Secondary School (FISO)	Ag. Principal
5.	Mr. C.J. Ogbonna	University Staff School (USS)	Ag. Head Teacher
LIST OF MANAGERS			
6.	Mrs. Francisca Chukwuemeka	FUTO Guest House (FGH)	Ag. Manager
LIST OF CO-ORDINATORS			
	Dr. (Mrs) C.E. Ogukwe		Pre-Degree Unit

	Dr. Christopher C. Ejiogu		Host Communities Relations Officer (HCRO)
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CHAPTER ONE

1.0 A BRIEF HISTORY OF FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI

The Federal University of Technology, Owerri was the first of the three Universities of Technology established by the Federal Government to admit students in the 1981/82 academic session, others being at Bauchi and Makurdi. The establishment of these three universities and subsequent ones in later years was in direct response to the National need for the development of a technology based economy.

The University was established in October 1980, and started operating on November 28, 1980 in the premises of the Government Technical College Owerri, with a compliment of ten staff borrowed from the Imo State Civil Service. Professor Umaru Dechi Gomwalk, former Head of Chemistry Department and Dean of the Faculty of Science in Ahmadu Bello University, Zaria was appointed the first Vice-Chancellor of the Federal University of Technology, Owerri. The institution later moved to Lake Nwaebere temporary campus (then permanent site of Federal Government Girls College, Owerri) in Owerri town, 1980-1993. It then moved to its permanent site in Owerri West Local Government Area in 1992/1993 academic session. This site occupies a communal land originally owned by the following host communities- Ihiagwa, Okolochi, Eziobodo, Nekede and Obinze. This land measures over 4,500 (four thousand, five hundred) hectares.

During this period, only few infrastructural facilities were in place and the University needed some time and funds to raise more infrastructures and facilities before a mass

movement to the site. After the complete movement to the site, many landmark strides have been made in erecting more befitting infrastructural facilities for a University of its kind. Starting with Professor Umaru Dechi Gomwalk, as the first substantive Vice-Chancellor, other former Vice-Chancellors contributed immensely in developing and making FUTO one of the best universities in the federation today. The Vice-Chancellors were Professor Amagh Nduka, Engr. Prof. C.O.G. Obah, Prof. J.E. Njoku, late Prof. C.O.E. Onwuliri, Prof. C.C. Asiabaka and our present Vice-Chancellor, Prof. F.C.Eze.

Academic activities started in the University in the 1981/1982 session with only one school, the School of Natural and Applied Science, which was later changed to the School of Earth, Mineral and Natural Sciences and finally to the School of Science. In the 1982/1983 academic session, three other undergraduate schools were added.

They are the School of Engineering and Engineering Technology, School of Agricultural and Agricultural Technology and School of Management Technology. Some academic support units were established within the period too. A Postgraduate School was established in 1989. Subsequently in 2004/2005 session, the School of Health Technology was established and in 2009 the School of Environmental Technology was established. In 2015, the School of Sciences was splitted into School of Biological Sciences and School of Physical Sciences which brings the number of schools in the University to Eight (seven undergraduate and a Postgraduate school).

The University which started with an initial undergraduate intake of 225 students enrolled in its then School of Natural and Applied Science in the 1981/1982 session has shot up astronomically to 21,110 undergraduate students in the 2016/2017 academic session. The academic staff strength which was 28 at inception has increased to 943 in 2015/2016 academic session. There are at present 44

Departments, 44 undergraduate degree programmes and 32 Postgraduate programmes in the seven Schools.

1.1 THE UNIVERSITY CREST

1.1.0. THEME

EXPLOITATION OF NATURAL RESOURCES THROUGH SCIENTIFIC AND TECHNOLOGICAL KNOW-HOW FOR THE BENEFIT OF THE NATION

1.1.1. DESCRIPTION

- | | |
|---------------------------------------|--------------------------------|
| a. Open book | Knowledge |
| b. Wheel | Technology |
| c. Balance & Microscope | Science |
| d. Green Colour
Resources | Agriculture & Forestry |
| e. Black Colour | Mineral Resources (Coal & Oil) |
| f. Green, White and Yellow Background | National Colours and Glory |

1.1.2. MOTTO

Technology for Service

1.1.3. VISION

The Federal University of Technology, Owerri seeks to be a top-ranked first class institution of excellence in technological knowledge production and dissemination, through teaching, research and service to humankind.

1.1.4. MISSION

The Federal University of Technology, Owerri was established as a corporate body with a definite mission; to operate practical and result-oriented Programmes and

training geared towards transforming the nation's economy from consumer-oriented to production oriented, with a sound technological base.

1.1.5. OBJECTIVES

The Federal University of Technology, Owerri is empowered by the law establishing it to undertake responsibilities as follows:

- To encourage the advancement of learning and to hold out to all persons without distinction of race, creed, sex or political conviction, the opportunity of acquiring a higher education in technology;
- To develop and offer academic and professional programmes leading to the award of diplomas, first degrees, postgraduate research and higher degrees which emphasize planning adaptive, technical ,maintenance, developmental and productive skills in the engineering, scientific, agricultural, medical and allied professional disciplines with not only to understand, use and adapt existing technology, but also to improve on it and develop new ones;
- To act as agents and catalysts, through postgraduate training, research and innovation for the effective and economic utilization, exploitation and conservation of the country's natural, economic and human resources;
- To offer to the general population, as a form of public service, the results of training and research and to foster the practical application of these results;
- To establish appropriate relationships with other national institutions in training and research and development of technologies;
- To identify the technological problems and needs of society and to find solutions to them within the context of overall national development;
- To provide and promote sound basic-scientific training as a foundation for the development of technology and applied sciences, taking into account indigenous culture and the need to enhance national unity; and

- To undertake any other activities appropriate for a University of Technology of the highest standard.

1.1.6. POLICY THRUST

The policy thrust of the current administration of Prof. F. C. Eze is to achieve excellence in all its ramifications in the University community. The policy directions are therefore as follows:

- To ensure relevance and competitiveness of academic programmes in the current era of knowledge economy.
- To focus on research in areas of core competence.
- To fully computerize all aspect of the university activities and to provide online access on campus
- To retrain staff for institutional efficiency at all levels of the university.
- To expand access to infrastructural facilities and to improve the student/staff ratio.
- To facilitate concrete linkages with Universities in Africa and the rest of the world so as to attain an international outlook.
- To harness the Otamiri River for electricity, recreation, agriculture and water supply and
- To beautify and landscape the campus.

1.2. GENERAL ACTIVITIES OF THE UNIVERSITY

1.2.1. ADMISSION EXERCISE

The 36th Matriculation ceremony of the University was successfully conducted on Friday, February 24, 2018 where a total of 5,223 students were formally inducted as students of the University. The traditional pre-matriculation Parents

and Management Forum (PMF) interaction was held in line with the University practice.

1.2.2. 30th Convocation Ceremony

The University successfully conducted the 30th Convocation ceremony from Tuesday, April 3, 2018 to Saturday, April 7, 2018. A total of 2,763 graduands were awarded degrees and higher degrees. Thirty six (36) first class graduates, forty six (46) Ph.Ds and three Honourary degrees were awarded among others. The 30th Convocation Lecturer was Hon. Prof. Chudi Uwazuruike and it was titled "IS ANOTHER NIGERIA TRULY POSSIBLE? TECHNOLOGICAL TRENDS, DOMESTIC DISTEMPERS AND THE BIG PICTURE FOR THE GIANT OF AFRICA".

1.2.3. INAUGURAL LECTURES

The under-listed Inaugural lectures were held with the dates within the period under review.

Table 1: Inaugural Lecture Series

S/N	LECTURER	TOPICS	DATE
31	Prof. Uba Ugochukwu Egereonu	Analytical Assessment of Atmospheric Residual Aerosol in the Environment.	March 29,2017
32	Prof. Ndukwe James Okeudo	Human Food and Healthy Lives: Confronting Insufficient Production and Preservation of Good Quality Meat and Egg.	April 26, 2017

Academic Collaborations

The University has established some academic linkages with many national and international organizations for exchange programmes, research and academic collaboration. The Vice Chancellor's recent visit to Shenyang, China led to the signing of five MoUs with different Chinese Institutions and Universities for research collaboration and exchange programmes. The Universities are:

- Institute of Metal Research, Shenyang, China;
- Shenyang Technological University, Shenyang, China;
- Northeastern University, Shenyang, China;
- University of Chemical Technology, Shenyang China;
- Himin Solar Co. Ltd/International Microemissions University;
- Southwest University of Science and Technology;

And the China visit is already yielding results with some activities in the pipeline. Arrangements are on-going for the visit of some Chinese students to the University for exchange programmes. Similarly, the recent visit of Mr Jesse Ma of the Himin Solar Co. Limited, China to the University is further opening frontiers for the development of solar powered electricity.

Other national Institutions that the University had signed collaborative agreement for research and training include;

- Offshore Technology Institute, Port Harcourt and the National Centre for Technology Management, Ile-Ife;
- Federal Road Safety Corps (FRSC);
- Nigerian Air Force

1.2.4. ADMINISTRATIVE MATTERS

Within the reporting period, the Management of the University had worked tirelessly in addressing the herculean task of ensuring efficient and effective management of resources of the University notwithstanding the lean financial resources. To this end, they have continued to ensure financial probity and transparency. Efforts have been intensified at blocking financial leakages and optimizing revenue from various sources while considering the best alternative to non-viable business ventures in the University. The University Management have taken over shops located at the old Registry after the expiration of the period of agreement while the Department of Polymer and Textile Engineering has been mobilized for the blowing of plastic bottles.

The administration of the Seven Substantive Vice Chancellor of FUTO has continued to maintain the use of traditional Committee system in the handling of University matters and have been prompt, fair and firm in the implementation of Committees recommendations based on strict observance of the Rules and Regulations governing such matters. Furthermore, in order to deepen the internal mechanism for better performance, the following committees were constituted:

- The Design Review Committee
- Project Monitoring Committee
- The ICTC Management Board
- The Open Education Resources (OER) Project Implementation Committee
- The Vice-Chancellor's Security Advisory Committee

As the infrastructural facilities of the University increased and expanded, Departments/Units were relocated to more befitting buildings for effective service delivery. Some Departments were moved to newly completed buildings like the Departments of Microbiology, Forestry and Wildlife Technology, Crop Science and Technology and many academic staff now have befitting offices.

At the Management level, Professor J. N. Okeudo was appointed the Deputy Vice-Chancellor, Academic on March 16, 2018 following the retirement of the former DVC (Academic), Prof. Okoro Ogbobe while Mrs Helen O. Onuoha took over from Mr. D. O. Nwokecha as the Bursar of the University with effect from April 2, 2018.

INFORMATION AND COMMUNICATION TECHNOLOGY

The University website has been upgraded, remolded and updated with more current information. The Nigeria Internet Registration Agency (NIRA) has nominated FUTO website as one of the best websites amongst Nigerian Universities within the reporting period.

Secondly, the University Portal for registration of courses has been running effectively. A good number of students registered their courses online for the 2017/2018 academic sessions and these students would in future, be able to access their Senate approved results in their portal accounts. This feat would also receive an award from the Nigeria Internet Registration Agency (NIRA) on July 6, 2018.

Thirdly, the problem associated with issuance of registration numbers to both new and old students has been resolved. Any student currently without registration number should not be attended to as he/she is not a student of the University. All outstanding cases of students without registration numbers have all been resolved.

The internet distribution throughout the campus via optical fibre has been completed and it is being run on MTN STM – 1 backbone which is about 155MBPS bandwidth.

The 2018 400 and 500 level students were captured for Biometric (electronic) Identification Card. In the Rain Semester examinations, the e-ID card was used to authenticate and admit students into the examination halls. The future of this e-ID card will be to control access to examination halls, laboratory facilities, library, health centre and hostels.

The ICT Centre and Students Affairs Unit conducted transparent, credible and fair elections for the 2017/2018 Executives of the Student Union Government (SUG) and Students Representative Council devoid of protest and rancour.

Other activities like online hostel allocations, online application for transcripts, online registration and payment of fees were all sustained.

AWARDS

Dr Uchechukwu Chukwuocha of the Department of Public Health was selected as a recipient of the 2018/2019 U.S. Fulbright Scholarship in the African Research Scholar Program. Dr Chukwuocha is one of the two Nigerians that were awarded the scholarship after a very thorough and competitive selection process. Also, about 12 academic staff were awarded fellowships by various professional bodies for the period under review.

ACTIVITIES OF SCHOOLS

2.0. SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY

2.0.1. INTRODUCTION

The School of Agricultural and Agricultural Technology is one of the Schools in the Federal University of Technology, Owerri. It has Seven (7) Departments, namely:

- Agricultural Economics
- Agricultural Extension
- Animal Science Technology
- Crop Science Technology
- Soil Science Technology
- Fisheries and Aquaculture Technology
- Forestry and Wildlife Technology.

The Departments achieved a lot within the year under review. Below are activities carried out within the reporting year.

DEAN'S OFFICE

1. ACHIEVEMENT

- Within the reporting period under review, the SAAT in 2018 got approval of additional Department in SAAT (Department of Agribusiness).
- During the period, the Dean of the school of SAAT received Electronic SAAT Board, which were installed at the Board Room, hence the SAAT Board of studies meeting reduced the quantity of paper used at the meeting.
- **Re-Allocation of some offices in the School:** Under the reporting period, the Dean of SAAT received seven (7) e-library computers with batteries and inverters from the Vice Chancellor because of the nature of the equipment SAAT library was Department of Animal Science and Technology (AST) for her board meetings.

- **Re-Activation and Commercialization of the Feed Mill:** Within the period under review, the old equipment from old FUTO, all those equipment were reactivated, re-fabricated and installed, while the Feed Mill not only produces feeds for use in the University but also on Commercial bases.
- Dumps around some offices in SAAT. Within the period under review, the refuse heaps were removed by hiring a pay-loader, hence beatification/greening of SAAT surroundings.

2. STAFF DEVELOPMENT (Conference/Workshop)

- During the period under review, many staff in SAAT attended different levels Conferences/Workshops in 2017/2018.

3. STAFF PUBLICATION

- Within the period, teaching staff in SAAT from time to time published books and journals which translated to promotion during appraisal exercise. The publications are available in google scholar, research gate, Academic.edu.etc.

4. RESEARCH ACTIVITIES

- Students carried out research activities in the demonstration farms and laboratories. Some of the matters and Ph.D students extended some of their practical work to the Centre for Agricultural Research and Extension (CARE) within the period .

5. FUTURE PLAN

The future plans of the school of SAAT are as follows;

- Commercialization of the FUTO animal feed.
- Continuation of the SAAT greening projects.
- Take off of the irrigation projects.

DEPARTMENT OF AGRICULTURAL EXTENSION

1. ACHIEVEMENTS

- The Department graduated a well trained set of undergraduates (45) who were currently serving and postgraduate students (M.Sc. = 4, Ph.D = 1).
- Lectures, field practical, students' project supervision and other academic activities were duly carried out at the undergraduates and postgraduate levels.

2. STAFF DEVELOPMENT

Majority of staff attended a number of conferences example, AESON AND RUSAN conferences.

3. RESEARCH ACTIVITIES

Both individual staff and students were involved in Specific activities which were duly carried out in the AEX Department.

4. FUTURE PLANS OF THE DEPARTMENT

To further develop quantitative, technology based skills and competencies in both staff and students of the Department in the various emerging areas of sustainable-innovation research and climate change, information communication, group dynamics and Agricultural marketing and ICT.

5. OTHER RELEVANT INFORMATION

The Department wised Modification of the name of the Department from Agricultural Extension to Agricultural Extension and Rural Development (ARD). The field of Extension now encompasses a wider range of communication and learning activities organized for rural people by educators from different disciplines, especially Agriculture, all geared towards ensuring sustainable rural development.

DEPARTMENT OF ANIMAL SCIENCE AND TECHNOLOGY (AST)

1. ACHIEVEMENT

- During the reporting period under review, normal administrative and academic activities went on;
- Dr. C.T. Ezeokeke, Reader was re-appointed as the Acting Head of the Department for another one year.

- Prof. I.J. Okeudo was appointed as Deputy Vice-Chancellor Academic, while Prof. E.B. Etuk was Re-appointed as Deputy Director Centre for Agricultural Research and Extension.
- The Department of Animal Science and Technology graduated thirty six (36) under-graduates, one PGD and six M.Sc students within the period.

2. STAFF PUBLICATION

- During the period under review, Prof. C.T. Ezeokeke receive a letter of recommendation from university for his journal title 'Nigerian journal of animal production and so many articles staff of the department published within the year.

3. RESEARCH ACTIVITIES

- During the period under review, undergraduates and Postgraduate students with their supervisors carried out a successful laboratory and farm research. Another research on Soya Bean meal for layers, Evaluation of semen characteristic male Rabbit, Research on feeding of Broilers with yam peels and potato were carried out. Prof. M.U. Iloeje retired from the service of the University.

4. OTHER RELEVANT INFORMATION

- Prof. M.U. Iloeje retired from the service of the University.
- During the reporting period, the Head of Department other services in the University such as; Senate meetings, SAAT Board meeting PGS Board meetings and other Departmental Board.
- During the reporting period, thirty staff of the Department got their promotions and Prof. (Mrs) I.P. Solomon went back to University of Uyo after one year sabbatical leave.

DEPARTMENT OF CROP SCIENCE AND TECHNOLOGY

1. ACHIEVEMENT

- The Department graduated three(3) Ph.D, six (6) and Thirty two (32) students within the period under review.

2. STAFF DEVELOPMENT

- Ten (10) members of the staff were sponsored to workshops, conferences and seminars in their respective areas of specialization within the period.

3. STAFF PUBLICATION:

- Root-gall nematode disease of cowpea (*vignaunguicalata L walp*) as affected by different intercrop mixture by **Cookey, C.O., Agu, C.M., Nwifo, M.I., Ofor, M.O. and Ogwudire, V.E.**
- Yield performance of Roselle (*Hibiscus sabdarifta*) as affected by plant density and inorganic fertilizer in Owerri, Nigeria by **Nnebue, O.M., Ogoke, I.J., Ihejirika, G.O., Adikuru, N.C. and Okoli, N.A.**
- Impact of plant density and planting dates on the population of major pod sucking bugs in relation to damage and yield of improved pigeon pea cultivar in Owerri rainforest zone, Nigeria by **Dialoke, S.A., Ogbedeh, K.O., Nwokeji, E.M., Chigbundu, I.N., Nnebue, O.M. and Cookey, C.O.**
- Antifungal activities of siam weed (*chromoleanaodorata L*) and woodland tobacco (*Nicotianasyvestries [speg& comes]*) against phytopathogenic fungus of onions (*Allium Cena L*) bulb by **Nwogu, C.G., Ukomadu, J., Ezediolu, B.C. and Okere, S.E.**
- Breeding genetically modified organisms: their benefits, issues and regulations in Nigeria by **Umeh, O.A. and Anyanwu, C.P.**
- Efficacy of piper quineenseschumach, seed powder in the control of callosobruchus maculates (Fabricius, 1775) (coleopteran; chrysomelidae: Bruchinae) and on the metritional and organoleptic characteristics of stored cowpea vigna (L) walp. **Ojiako, F.O., Adesiyum, A.A., Ihejirika, G.O., and Dialoke, S.A.**
- Insecticidal activities of piper guineense Schumacher extract on some field insect pests of cucumber (*Cucumissativas Linnaeus*) in Imo state, Nigeria by **Ojiako, F.O., Echereobia, C.O. and Okudo, S.U.**
- Limitations of Cucumber (*cucumissativus L*) production for nutrition security in southeast Nigeria. **Ume, O.A., and Ojiako, F.O.**

4. RESEARCH ACTIVITIES

- The Department duly carried out Research activities within the period under review.

5. Future Plan of the Department

- To develop manpower with qualitative and technology based competences in various aspects of Crop Management for sustainable human and animal life.

6. OTHER RELEVANT INFORMATION

- Three members of the staff were promoted within the period.

SCHOOL OF BIOLOGICAL SCIENCES (SOBS)

INTRODUCTION

School of Biological Science is one of the Schools carved out of the former School of Sciences. It houses four programmes namely;

- (i) Biology
- (ii) Biotechnology
- (iii) Biochemistry
- (iv) Microbiology

OFFICE OF THE DEAN

1. ACHIEVEMENT

- During the reporting period, School of biological Sciences in line with the VC's Mantra of "Driving the culture of Excellence ", SOBS attracted the installation of interactive Board and E-Library facilities and hope to train staff for effective use of the equipment.
- A total of eight (8) non-teaching staff in the 2017/2018 were recommended for promotion within the period under review.

One (1) was recommended to the rank of reader.

2. STAFF DEVELOPMENT (Conference/Workshop)

- Within the period under review, the SOBS were part of the conference on Environmental Health Science FUTO.

3. FUTURE PLAN

- To train some staff who would make effective use of the newly installed interactive Board and E-Library facilities.
- Build human capacity.
- Computerize the school (SOBS).

DEPARTMENT OF BIOLOGY

1. STAFF PUBLICATIONS

- Nwachukwu, M.O., Okoro, L.C., Nwaiche, C.B., Ikea, S.G.I, Amaechi, A.A. and Azorji, J.N.(2018) 'Evaluation of efficacy of marble dust for the control of sitophilus zeamais motsch, coleoptera curculionidae of stored maize, FUTO Journal series.

2. FUTURE PLAN OF THE DEPARTMENT.

- To develop into a world class technology incubation centre where new ideas are formed, researched and congregated for the development of our local technology for the enormous benefits of enhancing intellectual capital, reducing unemployment, creating of wealth, increase production of goods and services and add value to the economy.
- To facilitate the advancement of living by offering academic programmes in Biological Sciences.

DEPARTMENT OF BIOCHEMISTRY

1. ACHIEVEMENT

- Within the period under review, the department graduated different sets of spill over students and produced fresh graduates with B.Tech degrees one of whom made first class. Eleven (11) postgraduate (M.Sc) students were also graduated.

2. STAFF DEVELOPMENTS

- Durings the reporting period, the academic staff was promoted to full professors while two were assessed as Readers. In the same period, Prof., G.O.C. Onyeze and Prof. (Mrs) N.C. Agha retired from the service of the University.

3. STAFF PUBLICATION

- At least one article in a reputable journal was published by every academic staff while two practical manual written by the staff and approved for use by the University during the period under review.

4. RESEARCH ACTIVITIES

- Research is ongoing in the Department in the areas of Environmental Biochemistry, Functional Foods Research, Medicinal Plants Research, Nutritional Biochemistry, Medical Biochemistry etc., while Professor C.S. Alisi won multi-million Naira research grant for alternative energy research in the same period under review.

5. FUTURE PLAN

- To patent and commercialize the research findings of the different lecturers in the Department
- To attract more apparatus/equipment and reagents both from the University and outside University

6. OTHER RELEVANT INFORMATION

- The University is eagerly awaiting the results of some of our staff who have been assessed for professorial positions but their results are yet to come out.

DEPARTMENT OF BIOTECHNOLOGY

1. ACHIEVEMENTS:

- The Department has within the period under review graduated Sixty-five (65) Undergraduates and Eighteen (18) Postgraduates students.
- A staff of the Department went for three months fellowship as a Visiting Scholar in Germany from August to October 2018 by the World Academy of Science, Italy.

2. **STAFF DEVELOPMENT:** The HOD, Dr.(Mrs) T.E. Ogbulie and Mrs A.A. Nwachukwu attended a conference by Biotechnological Society of Nigeria Annual International as key to achieving substantial development goals at covenant University Otta- Ogun State, from August 5th to 9th, 2018.

3. **RESEARCH ACTIVITIES:** These are the Research activities that were carried out t within the period;

- Research on the effect of Bacterial, fungal and Alkaline Augumentation on Sustainable Biogas Production using Plant Substrates.
- Comparative study on the effect of varying high pressure aroebic digestion on PH value solubility of CO2 and specific methane yield.

- Molecular typing of six common food-borne pathogen isolation from ready-to-eat vended fruit salad.
4. **STAFF PUBLICATION:** The following staff made publications in 2018
- Angela C. Udebuani, Ethelbert U. Ezeji, Reuben C. Agu. Ikechukwu N.E. Onwurah and Priscilla N. Abara. "Bioavailability and Genotoxicity of glyphosate treated soil on *Archachatinamarginata* Nature and Science, 16(17): 119-125.
 - Anyalogbu, E.A.A, NwejeAnyalowu Paul, Nnoli, M.C., Ibeneme, C.S.. "Antinutrient and Micronutrient contents of Processed "Ntumkpa" (*PterocarpusSantalimodes*) seed powder". International journal of Research Publication 16 (1) 1-17.
 - Anyalogbu, E.A.A. and Onyeike, E.N.- "Biological evaluation of protein quality of Processed African walnut seed Kernel used as traditional snack in parts of Nigeria. World journal of Pharmaceutical and Life Sciences (4) (1) 85-91.
 - E.A.A. Anyalogbu, P.A. Idakwoji, M.A. Uzuaokaro, P.C. Nweje-Anyalowu.
"Aphrodisiac, fertility enhancing actions of "Kuruaya" (Beverage & Blend of cyperus esculent, Phoenix dactylifera and cocosnucifera) via testosterone boosting, anxiolytic.
World Journal of Pharmaceutical Research. 7 (1) 139-164.
5. **FUTURE PLAN:** The Department is looking forward to host first South East Zonal Symposium of Biotechnology Society of Nigeria on June 2019.
6. **OTHER RELEVANT INFORMATION:**
- A staff was appointed First Chairperson Biotechnology Society of Nigeria South East Zone.
 - Some staff got promotions to professorial and Senior Lecturer cadre respectively.

DEPARTMENT OF MICROBIOLOGY

1. ACHIEVEMENTS

- Burglary proofs were installed in the conference hall.
- An Electric Interactive board installed in the department.
- First class honors student were produced by the department.
- Microbiology buildings were finally connected with Nepa light within the period under values.

2. STAFF DEVELOPMENT (WORKSHOP/CONFERENCE)

- Two graduate assistant participated in a workshop organized by “CRID” titled “poster presentation” in the 10th April, 2019.
- All the lecturers in the department participated in a sensitization seminar on “plagiarism” organized by CRID on 12th April, 2018.
- Three lecturers attended workshops/conference at katsina state and Abuja with different dates as follows ; 3-7thjuly and 16-20thjuly, 2018 respectively.

3. STAFF PUBLICATION

- Two staff had their publication on:
- Effects of cassava mill efficient (CME) on bacteria diversity of soil and aquatic environments in south-south Nigeria (2018).
- Prevalence of Hepatitis B surface Antigen among Healthy Asymptomatic students of a tertiary institution in south eastern Nigeria.

4. FUTURE PLAN OF THE DEPARTMENT

It is desired that the department should have its own lecture halls for effective teaching and invigilation during examination.

5. OTHER RELEVANT INFORMATION

- Three corp members and two graduate assistant were posted and employed in the department.
- One of the lecturers proceeded on her post-doctoral program.

SCHOOL OF ENGINEERING AND ENGINEERING TECHNOLOGY (SEET)

INTRODUCTION

The School of Engineering and Engineering Technology carried out a lot of activities within the year under review. The activities touched on vital areas such as student matters, academic/administrative matters, accreditation, other

staff matters and equipment/ book procurement. All the programmes in SEET have full accreditation status.

DEPARTMENTS:

- Agricultural and Bio-resources Engineering
- Chemical Engineering
- Civil Engineering
- Electrical and Electronic Engineering
- Material and Metallurgical Engineering
- Polymer and Textile Engineering
- Mechanical Engineering
- Petroleum Engineering
- Food Science and Technology

DEPARTMENT OF CHEMICAL ENGINEERING

1. ACHIEVEMENT

- During the period under review, PGD Seminar presentation, External defense of six M.Eng students and Ph.D Internal Defense for two candidates were completed.

2. STAFF DEVELOPMENT

- Within the period under review, two Departmental Administrative officers namely; Mrs. Chinelo U. Dialah (DAO) and Mrs. Chinyere Ben-Ezeji (PPS) attended a five days' workshop organized by the Administrative Staff College of Nigeria (ASCON) Badagry.

3. STAFF PUBLICATION

- There were a total of about 200 Journal Publications of staff within the period under review.

- Engr. (Mrs.) C.M. Onyelucheya was granted study leave with pay for Ph.D programme at Nnamdi Azikiwe University Awka, Anambra State.

4. OTHER RELEVANT INFORMATION

- Engr. Dr. (Mrs) F.L Kamen was reappointed as HOD Chemical Engineering Department.
- The following staff; Mr. O.E. Okoligwe, Mr. O.C. Nkuzinna and Mr. N. Igboko were inducted as fully registered members of the Council for Regulation of Engineering of Nigeria (COREN) within the period.

DEPARTMENT OF CIVIL ENGINEERING

1. ACHIEVEMENTS

- A total number of one hundred and fifteen (115) students from the Department were dispatched for the National Youth Service Corps.
- The Department had its SIWES defence for 200, 300, and 400 students level students on January 31, 2018.
- The following PG, M.ENG and Ph.D Internal /External Seminars and defence were held within the reporting year:
 - i. Two (2) Ph.D and one (1) PG candidacy defence were held in February, 2108.
 - ii. Nine (9) M.Eng students had their internal defence
 - iii. Seven (7) M.Eng students defended externally
 - iv. There was external defence for three (3) Ph.D students
 - v. Six PG students had their seminar presentations.

2. STAFF DEVELOPMENT

- A staff of the Department, Mr. Iwuoha Stanley went on study leave for Ph.D programme in Civil Engineering at University of Kassel Germany.

3. STAFF PUBLICATIONS

The following publications were made by staff of the Department:

- Ezeh, J.C., Onyechere, I.C., Ibearugbulem, O. M., Anya, U. C. and Anyaogu, L. (2018). Buckling analysis of thick rectangular Flate SSS plates using polynomial displacement functions. International Journal of Scientific and Engineering Research.

- Ezeh, J.C., Ibearugbulem, O. M., Ettu L. O., Gwarch L.S. and Onyechere, I.C. (2018). Application of Shear Deformation Theory for Analysis of CCCS and SSFS Rectangular Isotropic Thick Plates. IOSR Journal of Mechanical and Civil Engineering.

4. FUTURE PLANS

- ❖ To the highest rated Department in the country, in terms of quality and research, Contributions, Consultancy, Outreach, Man Power training and academic leadership.
- ❖ To produce high grade Entrepreneurs who are job creators and not job seekers in their areas of specialization.

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

1. ACHIEVEMENTS

The Department graduated sixty-five (65) students with ten (10) first class and sixteen (16) Master's degree students in the 2017/2018 Academic session.

The department installed a 5kva solar system functional and in use in the department. The project execution will be phased over a number of years to a 20kva solar system.

The department also planted umbrella trees in order to take advantage of the rainy season.

2. STAFF PUBLICATIONS

Members of Academic staff published different journals in national and international levels within the period under review.

3. RESEARCH ACTIVITIES

The Department has Eight(8) Research teams with clearly distinguishable areas as follows;

- Power Electric and Control --- Engr. Dr. C.C. Mbaocha
- Computer Engineering and Application --- Engr. Prof. Mrs. G.A. Chukwudebe and Dr. Mrs. I.E. Achumba.
- Power System and Energy --- Engr. Prof. E.N.C. Okafor and Engr. Dr. O.J. Onojo.
- Signal Processing and Wireless Sensor Network --- Engr. Dr. F.K. Opara and Engr. Dr. C.K. Agbubor.

- Microelectronics, Embedded Systems and Database Management --- Engr. Dr. F.K. Opara.
- Microwave and Wireless Communication --- Engr. Dr. Mrs. G.N. Ezeh, Engr. Dr. N. Chukwuchekwa and Engr. Dr. O.C. Nosiri.
- Power System Stability and Load Management --- Engr. Dr. D.O. Dike and Engr. Dr. L.O. Uzoechi.
- Machines and Drivers --- Engr. Dr. F.I. Izuegbunam and Engr. Dr. M. Olubiwe.

4. FUTURE PLANS

- The Department plans to conduct Professional Training and Certification of students in the department.
- Introducing night study classroom powered with hybrid energy system
- Introducing detailed research template for both PG and Undergraduate students.
- Splitting of EEE Department into two(2) Department of Electrical Engineering and Department of Electronic Engineering.

5. OTHER RELEVANT INFORMATION

- Three students from the department participated in the unilever Ideotrophy context and came out first out of the (12) universities that participated in Nigeria.
- They also represented Nigeria in south Africa and came out first and which they will be representing African in the context in London in the first quarter of 2019.
- Some members of academic and non-teaching staff were given appointments and recognitions within the period under review.

DEPARTMENT OF MATERIALS AND METALLURGICAL ENGINEERING

1. ACHIEVEMENTS

- The Department had successfully conducted her SIWES on February 8, 2018.
- The Department held project defence for eighty three (83) final year students on October 11, 2018.
- The Department admitted One hundred and Fifty seven students (157) within the period under review.

- The Department mobilized a total of twenty six (26) students for “Batch A” NYSC programme.
- The Department students participated in the 2018 Mobil scholarship.
- The Department reviewed her undergraduate and postgraduate curricula and changed all MME postgraduate courses codes from 600 and 800 to 800 and 900 codes respectively for M. Eng and Ph.D. in line with NUC course codes.
- The Department uploaded three (3) inaugural lectures, five (5) laboratory manuals, four (4) lecture notes, one (1) conference paper, one (1) textbook and twenty (20) past question papers with model answer to the FUT0 library website for NUSOER.
- The Department also secured approval for the appointment of external and alternate examiners (Engr. Prof. J.A. Omotoyinbo of MME Department , FUTA and Engr. Prof. C.U. Atuanya of MME Department, NAU.) respectively.

2. STAFF DEVELOPMENT

- Engr. U. Mark and Engr. C.C. Ugwuegbu attended a workshop on Poster Preparation on March 28, 2018 organised by CRID, FUT0.
- Mrs. Akaneme Caroline attended a workshop on Innovative Technology Disease Prevention and Wellness Promotion organized by FUT0 on August 8 to 11 2018.
- Mrs. Chioma Emmanuella Njoku got approval from the University Vice Chancellor to do her Ph.D BenchWork at the University Of Witwatersand Johannesburg South Africa.

3. STAFF PUBLICATION

- Mark U., Anyakwo, C.N, Onyemaobi, O.O and Nwobodo, C.S,(2019).
Determination of the Calculation Procedure required to Activate Edda

clay for Optional Leaching of Alumina. Journal of Minerals and Materials Characterization and Engineering, 7, 49-63.

- Mark, U., Anyakwo C.N, Onyemaobi O.O. and Nwobodo C.S. (2019). Conditions for Thermal Activation of Ngwo clay as an Alternative Resources, 10, 1-15. <https://doi.org/10.4236/nr.2019.101001>
- Udochukwu Mark, Ikechukwu B. Aharanwa and Chibuikwe S. Igwe (2019). The Inhibitive effect of Carica Papaya Leaf Extract on the Corrosion of Mild Steel in Acidic (1M HCL) Medium. The International Journal of Engineering and Science, 8 (3):10-20.

4. RESEARCH ACTIVITIES

- Photovoltaic: An Investigation of the potentials of Titanium Dioxide as an alternative to Silicon in Renewable Energy.
- Design, fabrication and performance evaluation of a Hybrid (Manually and electrically operated) shaking table.
- Generation of Electricity from Waste.
- An investigation of the Effect of Soil pH on low Carbon Steel Corrosion using Sacrificial Anode approach.

5. FUTURE PLANS OF THE DEPARTMENT

- The Department plans to recruit more excellent academic staff with Ph.Ds at the instance of the University Management.
- To establish ICT/Virtual laboratory in the Department required for effective teaching and simulations.
- To work with the University Management to set up standard foundry and welding workshops in the Department. The existing ill-equipped foundry is housed and controlled by the Centre for Industrial Studies.

- To work with the University Management to procure state-of –art equipment and facilities for effective practical studies in the Department.
- To mount a Postgraduate Diploma (PGD) in the Department.
- To create avenues that will yield internally Generated Revenue to the University and Department.

DEPARTMENT OF MECHANICAL ENGINEERING

1. ACHIEVEMENT

- Engr. Prof Remy Uche, was appointed the Director Public Procurement Research Centre (PPRC).
- Five (5) staff of the Department were promoted to different cadre.

2. STAFF DEVELOPMENT

Several conferences, seminars and workshops have been attended by both the teaching and non-teaching staff of the Department. Some of the conferences, seminars and workshops were as follows:

- NSE EXCO and Council meetings held in Abuja 6th-8th November, 2018.
- National Engineering Conferences/AGM 2108 held in Kaduna between 26th-30th November, 2018.

3. STAFF PUBLICATION

Staff of the Mechanical Engineering Department had published in both highly reputable and local journals and some of them were as follow:

- a) Uzorh, A.C. and Nnanna, I. published on "Optimization of Production Cost and Distribution Network of Nigerian Bottling Company (NBC)" in International Journal of Engineering and Science, Volume 7 Issue 3.
- b) Uzorh, A.C. and Olarewaju, I.N. published a paper on "Integration of lean manufacturing and six sigma using statistical methods" in IOSR Journal of Mechanical and Civil Engineering, Vol. 15 Issue 4.
- c) Okwu, M. O., Oreko, B.U., Okiyi, S., Uzor, A.C. and Onyewuchi, O. published on Artificial Neural Network Model for Cost Optimization in 9 Dual-Source Multi-destination: Out of Bond System.

- d) Uzorh, A.C., Nnanna, I. and Olarewaju, F. published on "Application of Learn-Six-Sigma methods in Journal of Mechanical and Civil Engineering, Vol. 16 Issue 8.

4. RESEARCH ACTIVITIES

The under listed were some of the Research activities carried out by Mechanical Engineering Staff.

- i. Servicing in the automobile industry
- ii. Numerical study of temperature distribution and thermal stress in the Cylinder liner of Biodiesel powered compression ignition engine.
- iii. Risk analysis and control in maintenance of solar centaur 50 turbine drive Natural Gas Compressor.
- iv. Biomass powered Natural Convection Kiln for timber drying
- v. Improved evaporation cooler for food and vegetables preservation.
- vi. Combined direct and reserved absorbed thermo siphon solar water heater.

5. FUTURE PLANS OF THE DEPARTMENT

- a. To establish of automobile workshop, the Department has set up machines in motion for the establishment of Mechanical Workshop.
- b. Creation of aeronautic engineering Department
- c. Creation of industrial and production Engineering Department from the present Mechanical Engineering Department.

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

1. ACHIEVEMENT

- The Department had within the year under review, graduated six Ph.D students and conducted internal defence for one Ph.D student.

2. STAFF DEVELOPMENT

- The Department participated in the Regional Food Summit held at the School of Physical Sciences, FUTO from June 7th to 8th, 2018 tagged **INNOVATIONS IN FOOD SCIENCE AND TECHNOLOGY FOR SUSTAINABLE ECONOMIC GROWTH.**

- The Department participated in the Annual conference of Nigeria Institute of Food Science and Technology (NIFST) held at Abeokuta from October 16th to 18th, 2018.

3. OTHER RELEVANT INFORMATION

- Prof. C.N. Ubbaonu retired from the service of the University on November 8, 2018.
- Dr. C.I. Onwuamanam was promoted to the rank of Professor.

DEPARTMENT OF PETROLEUM ENGINEERING

1. ACHIEVEMENTS

- The Department had within the period, have installed an old permeameter machine in the Laboratory and trained three laboratory staff who can handle the equipment successfully for students training and research.
- The Department in collaboration with the chapter of SPE had reactivated the abandoned systems in the E-library for students training and development of transferable skills and proficiency.

DEPARTMENT OF POLYMER AND TEXTILE TECHNOLOGY

1. ACHIEVEMENTS

- ENGR. Dr. Martin Obidiegwu got promoted to the rank of a Reader with effect from Oct.1,2015.
- Eleven final year students admitted in 2013/2014 graduated successfully in 2018 with a second class upper grade.

2. STAFF DEVELOPMENT

Some Academic Staff attended workshop organized professional bodies and institute within the period under review.

3. STAFF PUBLICATION

Research papers were published by members of Academic Staff in various reputable national & international journals within the period under review.

4. RESEARCH ACTIVITIES

Research on plastic gas cylinder.

Research on Bio-degradation films.

Research on plastic waste management.

5. FUTURE PLAN

The department has proposed to kick start the production of paints and blowing of plastic bottles and other allied products.

SCHOOL OF PHYSICAL SCIENCES

INTRODUCTION

School of Physical Sciences is one of the new Schools carved out of the former School of Sciences. It houses seven (7) programmes namely;

- Chemistry
- Computer Science
- Geology
- Mathematics
- Physics
- Science Laboratory Technology
- Statistics

OFFICE OF THE DEAN, SCHOOL OF PHYSICAL SCIENCES

1. ACHIEVEMENTS

- Within the period under review, the School installed Two Smart Board in Physics Lecture Hall and Geology Lab.
- Seven sets of Desktops with storage battery and UPS for e-library installed in Chemistry Library.
- Projector and screen installed in SOPS Auditorium.
- Members of the Teaching and Non-Teaching staff in the School that were due for promotions within the reporting year were appraised and promoted accordingly.

2. STAFF DEVELOPMENT

- Within the reporting period, Two members of the staff in Dean's office, Mr. Peter Osuagwu and Mrs. Joy Ejiogu attended Conference of the Association of Professional Secretarial Staff of Nigeria (APSSON) from October 8th to 12th 2018.
- A Two day Workshop on use of Power point in Research presentation was organized by Centre for Research, Innovation and Development (CRID) for Academic staff in the school at Physics Lecture hall on June, 2018.

3. FUTURE PLANS OF THE SCHOOL

- The School intends to embark on proper documentation of Research products and innovations from the Department.
- The School plans to digitalized lectures and seminar presentations from Staff and Students, when the University Management provides Smart Board for each Department in the School.
- The School also intends to work out modalities for proper record keeping/processing of students' results by the Departments, to avoid unnecessary delays/errors and the resultant effects.

4. OTHER RELEVANT INFORMATION

- Prof. A.M. Ette of Department of Mathematics was appointed the Dean, School of Physical Sciences with effect from September 20, 2018 and Dr. C.K. Enenebeaku of Department of Chemistry was re-appointed as Associate Dean, School of Physical Sciences with effect from July 1, 2018.
- Prof. A.M.Ette of Department of Mathematics was conferred with the Award of Fellow of the Nigerian Mathematical Association on May 9, 2018.
- Prof. (Mrs.) C.A. Madu of the Department of Physics was awarded the Fellow of the Renewable and Alternative Energy Society of Nigeria on April 26. 2018.

DEPARTMENT OF STATISTICS

1. ACHIEVEMENTS

- The Department conducted the 2017/2018 Harmattan and Rain Semester Examinations and project Defence and Seminars during the period under review
- Computing and compiling of students' results were successfully completed during the period
- Students' requests (change of Department, Application for Re-admission, application for extra credit units etc) to SOPS Board of Studies were processed

2. STAFF DEVELOPMENT

- Some staff of the Department within the period under review attended the Nigerian Statistical Association Conference (NSA) 2018.

3. STAFF PUBLICATIONS

- Nwaigwe, C.C., Ogbonna, C.J., and Achem, O.C. published a paper on the Modeling of Carbon Monoxide Flaring in Nigeria.
- Nwaigwe, C.C., Atuzie, G. U. Obinwanne, I. C. and Ogbonna, C. J. published a paper on "A Times Analysis of Daily Exchange Rate of U.S Dollar to Naira from 2016-2017"
- Harrison, O.A., Ogbonna, C. J., Ugwuanyim, G.U., Iwu, H. C. and Okechukwu, B.N. wrote a paper on Optimal Water Pipe Replacement Policy.
- Ogbonna, C. J. and Amuji, H.O published a paper on " Analysis of the Impact Treasury Single Account on the Performance of Banks in Nigeria.

4. FUTURE PLAN

- To develop into a world class technology incubation where new ideas are formed, researched and congregated for the development of our Local Technology for the enormous benefits of enhancing intellectual capital, reducing unemployment, creation of wealth, increase production of goods and services and add to the economy.
- To produce a new kind of manpower which possesses planning, technical, development and productive skills in Statistics.
- To facilitate the advancement of learning by offering programmes in Statistics.

5. OTHER RELEVANT INFORMATION

The under listed staff were appointed within the period.

- ❖ Obite Chukwu P. - Graduate Assistant
- ❖ Bartholomew Desmond C. – Graduate Assistant
- ❖ Dr. G. U. Ugwuayim – Ag Head of Statistics.

DEPARTMENT OF MATHEMATICS

1. ACHIEVEMENTS

The Department graduated 10 second class upper division and 13 second class lower division making a total of 23 students.

2. STAFF DEVELOPMENT

- Five teaching staff were undergoing their self-development programme(PhD) and one teaching staff is also undergoing a master's degree programme.
- Two teaching staff attended a workshop/conference within the period under review.

3. STAFF PUBLICATION

A Team of four Teaching staff had their publications within the period under review.

4. FUTURE PLANS

The departments is looking forward in providing and expanding mathematical science coupled with technology, sound and broad-based training in response to national need for skilled, innovative and technologically oriented manpower for National Development because mathematics is the queen as well as servant of all the sciences.

5. OTHER RELEVANT INFORMATION

- The department is looking forward to running a degree programme in two major options as teaching and administrative work needs more hands.
- Three staff were promoted in the department within the period under review.

SCIENCE LABORATORY TECHNOLOGY

1. ACHIEVEMENTS

- The Department hosted the NISLT Accreditation Team on August 2018 and all programmes in the Department got full accreditation.
- The Department presented One hundred and six (106) fresh students for the 36th Matriculation ceremony on March 2018.
- The Department graduated a total of Twenty seven (27) students and they were mobilized for the National Youths Service Corps.
- Within the period the Department secured approval for three External Examiners and hosted them for the examination of their students. They were Prof. C.N.Akujieze , Department of Geology , University of Benin, Edo State, Prof. (Mrs) N. Nwachukwu, Department of Microbiology, Abia State University and Prof. M. Monanu, Department of Biochemistry, University of Port Harcourt.

2. OTHER RELEVANT INFORMATION

- Dr. C.N. Okereke assumed duty as the Ag. Head of Department.

DEPARTMENT OF PHYSICS

1. ACHIEVEMENTS

- The Department graduated Eighteen (18) students of various classes of degrees within the period under review.

2. STAFF DEVELOPMENT

- Good number of the staff attended the following conferences and workshops;
 - ❖ 7th International Conference of the Institute of Women, Gender and Development, FUTU from May 21st to 24th, 2018.
 - ❖ 8th Annual Conference of the Renewable and Alternative Energy Society of Nigeria, from April 25th to 28th, 2018 at University of Port Harcourt, Rivers State.
 - ❖ 4th International Conference of the Organization of Women in Science for the Developing World (OWSD) at Abuja from July 16th to 20th, 2018.

3. STAFF PUBLICATION

- Onah, C.I., Ubachukwu, A.A., Odi, F.C. and Onuchukwu, C.C. (2018). Evolution of extragalactic radio sources and quasar/galaxy unification. *Revista Mexicana de Astronomy Astrotisica*. 54, 271-279.
- Chijioke M. Amakom, Chikwendu E. Orji, Benedict C. Eke, Chinedu Iroegbu and Bridget A. Ojakominor, (2018). Gross alpha and beta activity concentrations in soil and some selected food crops. *International Journal of Physical Sciences*. Vol. 13 (11), pp 183-186.
- Chijioke M. Amakom, Chikwendu E. Orji, Amarachi U. Nkwoada, Daniel C. Nnonah and Miriam C. Umunnakwe (2018). Radiation levels around some x-ray diagnostic centre in Owerri, Imo State.
- Amarachi U. Nkwoada, Chijioke M. Amakom and Emeka E. Oguzie (2018). The role and economies of Nano-graphane functionalization in oil industry improvement. *Asian Journal of Physical and Chemical science* 5(2): 1-19.
- Amakom M. Chijioke, Orji, E. Chikwendu, Iroegbu Chinedu, Eke C. Benedict, Nkwoada U. Amarachi, Madu D. Afam, Ugochukwu G. Kosisochukwu and Oforma J. Tochukwu (2018). Radionuclide concentration: The coal ash effect. *International Journal of Physical Sciences*. Vol. 13 (15), pp 230-234.
- Nkwoada, A.U., Alisa, C.O. and Amakom C.M. (2018). Pollution Nigerian Auto-mechanic villages: a review. *IOSR Journal of Environmental Sciences, Toxicology and Food Technology*. Vol 12 issue 7 pp 43-54.
- Ohajianya, A.C., Abumere, O.F. and Osarolube, E (2018). Estimation of the amount of electric energy that can be generated per year using rain accumulated water from Aboh and Ahiazu Mbaise to drive a hydro turbine in FUTO.

4. FUTURE PLAN OF THE DEPARTMENT

- The Department plans towards achieving a full accreditation status in the forthcoming NUC Accreditation Exercise.

5. OTHER RELEVANT INFORMATION

- Prof. B.C. Anusionwu was appointed Deputy Vice-Chancellor, Research, Development and Innovation with effect from September 8, 2018.

- Dr. Ukwuihe U.M. resumed duty in the Department as a Lecturer 11 while Mr. Ezihe, J. A. and Mr. Linus, C.I. resumed as a Graduate Assistant and Lab Assistant respectively within the period under review.

SCHOOL OF ENVIRONMENTAL SCIENCES

DEPARTMENT OF BUILDING TECHNOLOGY

1. ACHIEVEMENT

The Department successfully completed their 2017/2018 academic session.

2. FUTURE PLAN

The Department had a plan to start a postgraduate programme for her students as soon as the Postgraduate Curriculum is designed and approved by the Senate. A Committee has been constituted to design the curriculum for the programme.

3. OTHER RELEVANT INFORMATION

The Department was to face the NUC Accreditation Panel in November of the year under review, but it could hold because of the strike action. The Department has challenges in areas of funding and staffing, particularly, the teaching staff.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

1. ACHIEVEMENT

- The Department admitted a total of One Hundred and eighteen students in the 36th matriculation ceremony.
- The Department participated in the 30th Convocation ceremony and total of eighty (80) undergraduate, seven (7) Postgraduate Diploma (PGD) and thirty (30) Masters (M.Sc and M.Tech) students of the

Department participated in the convocation. Also, total of one hundred and two undergraduate students were graduated within the calendar year and had all proceeded for their National Youth Service.

- The Department got Senate's approval to change its nomenclature from the Department of Environmental Technology to the Department of Environmental Management.

2. STAFF DEVELOPMENT

- Members of the staff in the Department attended the Twenty eighth National Conferences and Annual General meeting of Nigeria Environmental Society: Deployment of Green Initiatives for Economic Diversification in Africa – Niger State
- The 7th National Conference and Exhibitions of Women in Technical Education and Employment (WITED) with theme: "Science, Technology, Entrepreneurship, Women Empowerment and Sustainable Development; The New Paradigm" (Nekede, 2018, 13th - 16th March, 2018 and good number of the staff participated in the Exhibition.
- The Department held a presentation and Open-house Discussion on Electrochemistry; Theme: "New Trends in Electrochemistry and the Role of Electrochemical Technologies in Africa's Economic Development". 14th March, 2018 at SOES Conference Hall, FUTO and members of the staff participated.
- The Department organized a One-Day Seminar/ Workshop on "Plagiarism" at School of Physical Sciences Auditorium by CRID, FUTO on April 12th, 2018
- Members of the Department attended the 10th Mandatory Continuing Professional Development Workshop Organized by the Institute of Chartered Chemist of Nigeria at Lagos Airport Hotel Ikeja on 9th – 10th May, 2018
- One Day Seminar / Workshop on "Guidelines for Accessing TETFUND" at FUTO Hall of Excellence on May 14th, 2018 by TETFUND Desk Office and the Department participated.
- The 9th International Conference of the Nigerian Association of Hydrological Sciences Conference in Benin, Edo state from 9th – 12th

October, 2018. Theme: Water, Energy, Food and Environment (WEFE) Linkages.

- Five members of the Academic staff in the Department got approval on study leave with pay to do pursue various postgraduate degrees both in Nigeria and outside the country.
- Dr. Leonard Mgbeahuruike resumed work on September 2018 after completing his study in the Metropolitan University, Manchester, United Kingdom where he obtained a Ph.D in Environmental Chemistry.
- Miss. Chinwe Onwuagba and Mrs. Lucy Izunobi obtained study fellowship for Ph.D program in FUTO and UNIZIK respectively within the period under review.

3. STAFF PUBLICATIONS

- **Chris O. Nwoko**, Chinwe J. Ngumah, **C. E. Ihejirika**, Chima Ngumah, **Adaeze A. Ojiaku**, **Ihuoma E. Mbuka-Nwosu**. (2018). Arbuscular Mycorrhizal Fungi Diversity in Selected Heavy Metal Contaminated Soils in Owerri, Nigeria. Journal of Applied and Environmental Microbiology. ISSN 2373-6712
- **Ejiogu C. C.**, Okpara C. B., Opara K. D., Onyeocha I. O., Axubuike C., Emeh, A. A. (2018). Effects of Solid Waste Disposal on the Physicochemical Properties of Borehole Water Along FUTO road Eziobodo, Owerri-West, Nigeria. Current Journal of Applied Science and Technology, Vol 26(1)p.1-7. ISSN 2457-1024
- **Ejiogu C.C.**, Agwu A. L., Onyeocha I. O., Ugwuegbu A. O., Azubuike C., Onyewuchio A. C. (2018). Sanitary evaluation of a locally prepared beverage "PITO" sold in Owerri Metropolis Nigeria. Book of Abstract, Science, Technology, Entrepreneurship Women Empowerment and Sustainable Development.
- Ezirim, K. T, **Umunnakwe J. E** (2018). Impact of Household Waste on Water Quality of Umuerim River, Nekede, Owerri Nigeria. International Journal of Modern Research in Engineering and Technology (IJMRET) www.ijmret.org. Vol. 3 pp 22 – 37. ISSN: 2456-5628

- **Umunnakwe, J. E.,** Ezirim K. T., **Njoku, P. C. (2018).** Noise Levels at Major Markets in Aba, Nigeria and its Effects on Humans. International Journal of Modern Research in Engineering and Technology (IJMRET) www.ijmret.org. Vol. 3(6) pp 1 – 12. ISSN: 2456-5628
- **Ogbuagu, D. H.,**Ogoke, F. C., **Mbuka-Nwosu, I. E., (2018).** Nutrient Fluxes in Polluted Sediments of the Bonny Estuary in Nigeria: An Assessment of the Role of Oxygen. American Journal of Environment and Sustainable Development. www.aiscience.org/journal/ajesd. Vol. 3(2) pp. 13 – 19.
- **Ebe, T. E., Njoku-Tony, R. F., Ihejirika, C. E., Emereibeole, E. I.,**Ndukwu N. C., Mgbemena, I. C. and Nwachukwu, A. A. (2018). Effect of Anthropogenic Activities on Surface and Groundwater in Ogwuama Community of Ahiazu, Imo State, Nigeria. Journal of Biomedical Engineering and Medical Imaging: Vol 5(3), pp.27 – 35.
- Gilbert, L. C., **Nwachukwu, M. A., Uzoije, A. P., (2018).** A Review of Petroleum Waste Management and Environmental Quality Status Niger Delta. Advance in Environmental waste Management and Recycling. Opast Group 2641 – 1784
- **Nwachukwu, M. A. (2018).** A Mathematical Approach to Measure. Academic Visibility in Universities. Annals of Review and Research. JP Juniper Publishers 2(5): 555598.
- **Nwachukwu, M. A. and Uzoije, A. P. (2018).** A Mathematical Approach to Measurement of Academic Visibility in Universities. Annals of Reviews and Research. Vol. 2(5). JP Publishers
- Verla, A. W., Enyoh, C. E., and **Verla, E. N. (2018).** Evaluation of Anthropogenic Carbon Dioxide (CO₂) Concentrations along River Nworie, Imo State, Nigeria. Environment Pollution and Climate Change. Vol. 2(3), ISSN: 2573 – 458X. Environment Pollution and Climate Change.
- **Ogbuagu, D. H.,**Nwachukwu, I. N. and Ejike, O. J. (2018). Application of Biofilms in Removal of Heavy Metals from Waste Water Under Static Condition. Biotechnologia ACTA, Vol. 11(3), pp. 47 – 55. Experimental Articles
- **Nwachukwu, M. A.,** Alozie, C. P. and Alozie, G. A. (2018). Environmental and Rainfall Intensity Analysis to Solve the Problem of

Flooding in Owerri Urban. Journal of Environmental Hazard, Vol. 1(1).
ISSN:2475-319X OMICS International

- **Nwachukwu, M. A.**, Ojeaga, K. and Gilbert, C.(2018). Critical Issues of Sustainability Associated with Quarry Activities. Aspects in Mining & Mineral Science, Vol. 1(2). Crimson Publishers 2578-0255
- Verla, A. W., **Verla, E. N.**, Amaobi, C. E. and Enyoh, C. E. Water Pollution Scenario at River Uramurukwa Flowing through Owerri Metropolis, Imo Sate, Nigeria. International Journal of Advanced Scientific Research, Vol. 3(3), pp. 40-46. ISSN: 2456-0421

4. RESEARCH ACTIVITIES

- The departmental Research focus was on identification, determination of local materials useful in the improvement of degraded ecosystem and in the abatement of climate change. However, staff members benefited from TETFund Research sponsorship.
- Postgraduate students of the Department successfully defended their PGD, M.Tech and M.Sc thesis at internal and external examinations level. The Ph.D candidacy of two students was also carried out.

5. FUTURE PLANS OF THE DEPARTMENT

- The Department intends to purchase more books and equipment for the Departmental Library and Laboratory respectively.
- Staff training and research activities would also be encouraged.

6. OTHER RELEVANT INFORMATION

- On October 22, 2018; Engr. Michael Igara Nmecha was appointed as Assistant Lecturer in the Department.
- The World Bank Representatives visited the EVM laboratory as part of their assessment procedure for establishing linkage with our University and it was successful.

DEPARTMENT OF URBAN AND REGIONAL PLANNING

1. ACHIEVEMENT

The Department successfully started and concluded both 2018 Harmattan and Rain Semesters.

2. STAFF DEVELOPMENT

Mrs. Justina Nnah attended a professional conference/workshop exhibition held at University of Uyo Teaching Hospital from 8th-12th October, 2018.

3. FUTURE PLAN

- To achieve excellence in teaching, research and publication
- To provide a conducive learning environment in Urban and Regional Planning Department.
- To promote students' academic performance through encouragement of group work, award prizes to deserving outstanding students at convocation ceremony, tutorials and exposure of students to the international and national academic environment through guided IT (SIWES) placement.

DEPARTMENT OF SURVEYING AND GEO-INFORMATICS

1. ACHIEVEMENTS

- The student population increased drastically having about 302 students including male and female.
- The Department successfully had a SURCON Professional accreditation in August 28, 2018.

2. STAFF DEVELOPMENT

- VEN. DR. A.C.CHUKWUOCHA attended the Nigeria Association of Geodesy Conference in Abuja/AGM and also African Geo 2018 Conference of South African Surveyors (CONSAS) Annual Conference in Johannesburg within the period under review.

3. STAFF PUBLICATION

- A method for connecting traverses to GNSS control Eliminating Troublesome short GNSS orientation lines (2018) Akajiaku C. Chukwuocha south African Journal of Geomatics. Accepted May 2018.
- Using Reorientation traversing on a single-unknown stations to solve the two point resection (free station) problem(2018)Akajiaku C. Chukwuocha surveying and land information science Vol.77 no1,2018 pp.45-54.
- Ugwu, O.J. Nwodo G.O; NwankwoV.C(2018) Apprising the awareness of Geomatics profession among senior secondary students in Benin city,Edo state Nigeria.
- International journal of scientific and Engineering Research.

4. RESEARCH ACTIVITIES

The following research activities are being carried out in the department;

- Research on the application of the Reorientation Traversing method to solve diverse problems in Surveying and Geoinformatics (Ven.Dr. A.C. Chukwuocha)
- Research on the adequacy of Otamiri River to conveyance runoff of owerri urban area at peak development (Ven. A.C. Chukwuocha).
- Research on social and poverty indices implications of land use land cover changes of owerri, south east, Nigeria(Ven.Dr. A.C. Chukwuocha).

5. FUTURE PLAN

The department is looking forward in recruiting more academic staff and technologist.

The curriculum for the post graduate courses is awaiting processing and approval at the school level.

SCHOOL OF HEALTH TECHNOLOGY (SOHT)

DEANS OFFICE

1. ACHIEVEMENT

Within the period under review, the School of Health Technology achieved a c

- The School of Health Technology planning committee was held from April to October 2019 respectively within the period.
- The two International Conference Organized by the school of Health Technology within the period under review, had immensely projected the image of the school both nationally and internationally.
- The 3rd International congress on Health Science and Technology with Title Innovative and Wellness Promotion was held on August 2018 within the re

PHYSICAL DEVELOPMENT AND ENVIRONMENTAL REJUVENATION

- The School of Health Technology have tried to harness the individual and collective potentials in their professional area of specialization to bring innovative home- made solutions to health challenges in both our environment, committies especially those in rural areas.

ENVIRONMENT REGENERATION

- All the bush around the SOHT Buildings from Dean's office complex to SOHT Auditorium have been receded and cleared.
- Repaired the old unfunctional lawn mower in Deans office.
- Repainting of the building.
- Replacement of broken louvers.
- Provision of Window blinds in all the windows and lecture hall I
- Installation of the interactive Boards.
- They maintained some office equipment like; Photocopier, Computers and new Printers. Maintance ofwater supply electricity at a high cost.

LABORATORY

- Under the reporting period, apart from Deans office, other Department in SOHT namely; OPT, BNT,POT, DNT,EHS had witnessed massive installation of Laboratory facilities and equipment.

NEW SOHT STAFF OFFICE COMPLEX

- The new School of Health Technology staff office complex has been completed and handed over to School of Health Technology pending final furnishing.

2. STAFF DEVELOPMENT (conference/ workshop)

- During the reporting period under review, the SOHT Academic staff attended workshop/training on the use of Electronic Gadgets in Technology organized by the University.
- The following staff in the Dean's office SOHT, Mrs Judith Ugo-Onwukwe and Mrs. Iroanya Juliana participated in a conference at

Uyo ,Akwa Ibom State on October 2018. "Intensive training for all the Secretarial and Clerical staff in the SOHT".

DEPARTMENT OF BIOMEDICAL TECHNOLOGY

1. ACHIEVEMENT

- The Department was able to establish one-room museum at the BMT Annex on April 10, 2018. This was done to minimize the waste of our fabricated products for future use.
- The Department successfully carried out an external Defence for 2013/2014 set of graduating students between October 29-October 30, 2018 and over 70% of the set graduated. Three out the graduands came out with first class.
- The Department successfully hosted National University Commission (NUC) team and had full accreditation status.

2. STAFF DEVELOPMENT

Members of staff in the Department attended lectures, conferences and workshops organized by the University Management, School of Health Technology and Scientific societies.

3. STAFF PUBLICATION

Some staff in the Department made the following publications.

- Green Nano-Technology: A novel approach by Engr. K.O. Ejeta.
- Pattern of diseases occurrence in Ascitic fluid by Dr. G.I.N Ndubuka and Mr. Wilson C. Okafor
- Therapeutic effect of aqueous-methanoic extract of *Acanthospermum hispidium* on *Plasmodium falciparum* infected albino rats.
- Influence of chemical surface modification on mechanical properties of combretum dolichopetalum fibre-high density polyethylene (HDPE) composites by Engr. Dr. T. O. Azeez.
- Nosocomial infections among Biomedical Engineers South Eastern Nigerian experience: Dr. Ndubuka G. I. N., Okafor W. C. and Ejeta S. C.
- Locally fabricated SMS-based tele-care patient monitors: Iwuji S.C.
- Current trends in Tissue-Engineering: Dr. Ndubuka G. I. N., Dr. Azzez T. O., Dr. Nkuma-Udah K. I. and Engr. Ejeta K.O.
- Characterization of aqueous extract of Brassica oleraceavar capitata and evaluation on its antioxidant potential by Dr. Iwuji S.C. and Alma T. Banigo.

- Biochemical effect of Piper guineense in female diabetic wister rat: Dr Iwuji S.C. and Azeez T.O.

4. RESEARCH ACTIVITIES

- Fabrication and testing of digitalized electronic heart rate meter using pulse monitoring machine.
- Design and fabrication of alcohol breathe analyzer using locally sourced materials
- Design and fabrication of ultra sound blind assistive stick
- Design and fabrication of an infant radiant
- Anti-diabetic of *Ficus exasperata* on unripe albino rat
- Assessment of the use of radiology equipment and its efficiency in diagnosis of diseases.

5. FUTURE PLANS OF THE DEPARTMENT

The Department has the following plans:

- To initiation of hands-on-tools training of students
- Initiation of gown –to-town projects conceptualized by the heads of Department starting with FUTO Community
- To initiate PGD programme for other yearning qualified candidates not qualified for direct M.Sc programme of the Department
- To create better teaching and learning environment for the Department.

DEPARTMENT OF OPTOMETRY

1. ACHIEVEMENTS.

- Within the period under review, the Department got full Accreditation held on October 9, 2018 by the Optometrist and Dispensing Opticians Registration Board Nigeria (ODORBON).
- The Department had a successful induction of her 2016/2017 and 2017/2018 by ODORBON on December 11, 2018.
- The Department conducted Outreach programme in neighbouring communities and 500 and 600 level clinical students were exposed to several eye cases prevalent in the host communities. The Management provided the drugs and eye examination were given free of charge.

2. STAFF DEVELOPMENT

- The Academic staff in the Department attended the National Conference of the Nigerian Optometric Association and 3rd International Congress on Health Science and Technology within the period under review.

3. **STAFF PUBLICATION**

- The Academic staff in the Department of Optometry published in both local and International Journals.

4. **RESEARCH ACTIVITIES**

- Within the period under review, both staff and students in the Department had carried out some research and many are still ongoing.

5. **FUTURE PLANS OF THE DEPARTMENT**

- To have a Technologist and Equipped Dispensing Optics Laboratory which will enable the Department fix lenses for the effective functioning of the clinic.
- To beautify our environment to meet the standard of health status.
- To adequately equip three (3) Specialist Clinic established.

6. **OTHER RELEVANT INFORMATION**

- Within the reporting period, some students and staff in the Department received different awards and commendation.
- Mrs. C.A. Nnodi won the Departmental staff commendation award for sustained contributions to the growth of the Department of Optometry.
- Miss Nwaneri Chidera won the Overall Best Graduating students, Best graduating student in clinical procedures and practice for 2016/2017.
- Eluwa Blessing won a commendation award as student clinician president and Obiakor Chinyere won as Assistant student clinician president for 2016/2017.
- Aririguzo Chiamaka won the Overall Best Graduating student in clinical procedures and practice for 2017/2018.
- Opara Promise won a commendation award as student clinician president and Aririguzo Chiamaka won as Assistant student clinician president for 2017/2018.

PROSTHETICS AND ORTHOTICS

1. ACHIEVEMENTS

- The Department had its professional accreditation in October, 2018 within the period under review.
- The Department graduated 17 students, having a total number of 11 second class honours (lower class), 5 second class honours (upper class) and first class honours within the reporting period.

2. STAFF DEVELOPMENT

- All Staff of the department attended the 3rd international congress in health science and technology in August 2018.
- The Secretary of the department attended a workshop for secretaries in October, 2018.

3. STAFF PUBLICATION

Five journals were published by different lecturers in the department within the period under review.

4. OTHER RELEVANT INFORMATION

Three staff were employed in the department as follows; Lab technologist II and two Graduate assistant within the period under review.

SCHOOL OF MANAGEMENT TECHNOLOGY

• DEPARTMENT OF FINANCIAL MANAGEMENT TECHNOLOGY

• ACHIEVEMENT

- Undergraduate, Post Graduate and CCE graduate had their graduations in 2017/2018 Academic session.

-

• ACADEMICS ACTIVITIES

- Harmattan and Rain semester lectures and exams were conducted successfully for the undergraduate.

-

- Undergraduate Internal and External defence for 2017/2018 Academic session were successfully conducted.

-

- PG, MSc, MBA and PhD External and Internal defence for 2017/2018 were held respectively.

• MEETINGS

- Departmental meetings and PG meeting were held respectively.

DEPARTMENT OF TRANSPORT MANAGEMENT TECHNOLOGY (TMT)

1. ACHIEVEMENT

- Within the period under review, 2017/2018 undergraduate students defended their projects.
- The Department of Transport Management Technology have being cleared the outstanding issues of their postgraduate students the under the period.
- During the reporting period, the Department had normal activities in the school.
- Teaching and non-teaching staff Departmental Committee appraisal took place and their project work was submitted in time during the period under review.

2. STAFF DEVELOPMENT (Workshop/Conference)

- Within the period under review, there are six (6) staff, Prof. C.C. Ibe, Dr. (Mrs) G.N. Okeudo, Dr. Ejem A. Ejem and Mr. Igboanusi C. participated in a workshop/conference in the Department of Transport Management Technology.

3. FUTURE PLAN

- The Department of Transport Management Technology is organizing a special programme for the Nigerian Navy and the Federal Roads Safety Corps.

4. OTHER RELEVANT INFORMATION

- Mr. Eric Ugorji, Mrs. Obiefule Chinyere, Mrs Florence Ibekwe and Mr. Chidiebere Ekeugo, took their annual leave 2018 while Miss Nwaodu Lilian Chinemerem and Mrs Dominic Norah Chidinma was deployed to the Department within the period under review.

DEPARTMENT OF INFORMATION MANAGEMENT TECHNOLOGY (IMT)

1. ACHIEVEMENTS

The following achievements were recorded in the IMT Department in 2018:

- The Department carefully computed the results of 2017/2018 students.
- A total of eighty six (86) students graduated from IMT in the year 2018 Academic Session at postgraduate level.
- The Department was able to conduct successful Admission for the 2017/2018.
- The Department has updated the library with over 500 books available.
- Internet services were fully functional in the Department within the reporting year.
- The Department conducted its project defence exercise for 2017/2018 graduating students within the period.

1. STAFF DEVELOPMENT

The academic staff of the Department attended the following conferences:

Dr (Mrs) F.U. Eze

- NIWIIT Conference Theme: Skills for Connected World; Closing inequality and Gender Digital Divide, from 8th-9th May, 2018.
- CPN, Professional ISM in IT; Past, Present and Future, 20th- 21st June, 2018.
- A one day workshop on Excellence in Strategic Grant Writing Organised by Centre for Research and Development, FUTO on the 2nd May, 2017.

Amadi E.C

- 12TH International Conference on Education and Information Management (ICEM, 2018), Bahru Malaysia – Two (2) papers were presented.
- EEE Xplore Digital Library- 1 Publication. A zero Sum Mitigation Game Model for Distributed Denial of Service Attack using Linear Programme.

Gloria Ezeh

- Evolving Roles of a System Analyst in the Contemporary Roles Society for Organizational Growth: Nwakanma I.C., Okpara I.U., Udunwa, I.A., Ezeh G.N. Conference Paper August, 2018.
- NIWIIT National Conference, 9th-10th May, 2018. Edo State.
- CPN ERP Workshop Programme, Imo State.

Engr. Dr. O.C. Nwokonkwo

- Computer Professional's Assembly, June 20-21, 2018 held at International Conference Centre (ICC) Abuja.

- 10th International Conference on Construction in the 21st Century, Colombo, SRI LANKA, July 2-4, 2018.

Dr. C.O.Ikerionwu

- Amadi E.C. and Ikerionwu C. (2018). Study and Evaluation of Recent DDoS Trends of Attack on Web Server. International Foundation for Research and Development, 12 International Conference on Education and Information Management (ICEIM, 2018) Johor Bahru Malaysia.

2. STAFF PUBLICATION

Engr. Dr. O.C. Nwokonkwo

- Overcoming Big Data Mining Challenges for Revolutionary Breakthrough in Commerce Industry, International Journal of Electronics Communication and Computer Engineering. Vol. 9 Issue 1.
- A Model Design Data Processing System using Hace theorem, International Journal of Electronic Communication and Computer Engineering Vol. 9 Issue 1.

Anyiam E. Kizito

- Anyiam E. Kizito. Ikerionwu Chrles and Udochukwu U. N. (2018). Business-to-Customer (B2C) Multi-shop E-Commerce Application, International Journal of Information Technology, Volume 6 (2): 12-22
- Anyiam E. K. (2018). Factors Influencing Technology Subscribers Decision to Port among Network Providers in Nigeria, American Journal of Computer Science Information Tech. 6(1):15.

3. FUTURE PLANS OF THE DEPARTMENT

- To provide Internet to support E-Learning platform for the Department
- To ensure adequate teaching and increased research in order to renew major value of academic excellence
- To reposition IMT Department to be academically recognized in commitments to the University
- To make IMT the state-of-the-art Department worthy of emulation in order to win the interest and confidence of the employers of labour and the general public.

4. OTHER RELEVANT INFORMATION

- Two staff were employed in the Department, One Graduate Assistant and a Technologist.

- Recently, a new School of Computing IT was created by the Management of the University. Department of Information Management Technology (IMT) had transmitted over to the new School with its new name as Department of Information Technology (IT)

DEPARTMENT OF MANAGEMENT TECHNOLOGY

1. ACHIEVEMENT

All the Lecturers marked, graded and turn in examinations results

- The Department successfully conducted external defense for M.Sc. and MBA students on March 5th and 6th, 2018.
- The Department successfully conducted internal defense for the MBA and M.Sc. students in August, 2018.
- The Department processed the list of recommended students to the PG School for further necessary action.
- The Department had commenced work on a book project. It was expected that when published would facilitate instructional delivery in the area of management technology.
- The Department of Management Technology successfully established a computer laboratory within the year review. The computers in the laboratory were networked and will be fully utilized for research and instructional delivery.

2. STAFF DEVELOPMENT (CONFERENCE AND WORKSHOPS)

- Seven academic staff of the Department attended the training workshop on Mendeley-References Management Software, FUTO Library Databases, Google Scholars and Research Gate organized by the University Library on June 21, 2018.
- Four academic staff of the Department participated in the training workshop titles: *Scientific Writing: Publishing Right* organized by the **Centre for Research Innovation and Development (CRID)** from October 29th-30th, 2018.
- Two (2) academic staff of the Department participated in the training workshop titled "Advanced Computer Appreciation/SPSS Workshop" organized by the Digital Bridge Institute, Abuja from September 17th-21st, 2018.

3. FUTURE PLANS

With the Management Technology laboratory, the Department is poised to deploy technology in her research and instructional delivery. This is aimed at producing seasoned and technologically oriented students that will compete more favourably in the highly competitive knowledge driven global community.

OTHER RELEVANT INFORMATION

The following members of staff were promoted and upgraded.

- i. Mr Kelechi Ugwu (Lecturer II) was promoted to the rank of Lecturer 1 and has successfully completed his Ph.D programme.
- ii. Mrs Uchenna Ogbonna was promoted the rank of Lecturer I

Mr. Ikechukwu Emerole (Graduate Assistant) was upgraded to Assistant Lecturer.

DEPARTMENT OF MARITIME MANAGEMENT TECHNOLOGY

1. ACHIEVEMENTS

The department graduated 162 undergraduate and 5 MSc students within the period under review.

2. STAFF DEVELOPMENT (WORKSHOP/CONFERENCE)

Three staff from the development attended workshop/conference within the period under review.

3. RESEARCH PUBLICATION

- Three post graduate students defended their MSc proposal defence within the period under review.
- A book titled "Oil and Gas logistics in Nigeria" was launched by a staff of Maritime Management Technology.

DEPARTMENT OF PROJECT MANAGEMENT TECHNOLOGY

ACHIEVEMENTS

The department graduated over 200 candidates in the undergraduate program with numerous extra year students that have challenges.

ACADEMIC ACTITVITES

- Lectures and examinations were delivered successfully to undergraduate & post graduate students within the period under review.
- Departmental clearances for fresh students were inconclusive due to the present challenges SMAT is facing.
- Departmental clearance for 2017 graduands was conducted successfully.

OTHER RELEVANT INFORMATION

LIBRARY- The departmental library were propose to be divided into two:

- Hard ware library and the fund sourced for, is still waiting for vice-chancellor approval.
- Virtual library

UNIVERSITY SUPPORT CENTRES

CENTRE FOR RESEARCH, INNOVATION AND DEVELOPMENT

5. ACHIEVEMENT

- The Centre organized a workshop on poster preparation held on March 28 and April 10, 2018 respectively.
- The Centre organized a seminar on Plagiarism on April, 2018.
- The Centre organized a workshop on Scientific Writing on October 29-30, 2018.
- The Centre initiated a proposal for strengthening Academic Journal published in FUTO.

UNIVERSITY COMPUTER CENTRE (UCC)

1. ACHIEVEMENT

- During the reporting period, the Centre achieved the following in 2018;
- UCC conducted statistics practical classes and tests for students from different Department of the University.

- Organized and hosted the Advance Digital Appreciation Programme for Tertiary Institutions (ADAPT) in collaboration with the Digital Bridge Institute (DBI), Abuja, Nigeria (for both Teaching and Non-teaching staff FUTO).
- The Centre conducted CSC 201 practical classes and test for students from different Departments of the University.
- Conducted 3 months special Digital Computer Literacy Training Programme for Participants Batch A' and Batch B.
- Conducted teaching on basic computer programmes for the University Staff School and FUTO International Secondary School students respectively.

2. STAFF DEVELOPMENT

- Within the period under review, Mrs Eucharika A. Nwali, Pastor Benjamin U. Diala and Pastor Simeon O. Ajakwe of the UCC attended the 2018 Workshop/Conference.

3. RESEARCH ACTIVITIES

- The University Computer Centre, the Technical Committee is working on the possible upgrading and Networking of the System and study for the establishment of an operation business Centre with full internet facility.

4. FUTURE PLAN

- The University Computer Centre has the desire to become an International world class Centre for training in Computer based knowledge, Programme, technology applications with the following plans;
- To attract other professional trainings and workshop such as Microsoft Academy and IBM Middle-East-Africa training.
- To upgrade existing facilities and standard of training/workshops at UCC.

5. OTHER RELEVANT INFORMATION

- It is worthy to report that the UCC building has major roof leaks. This has rendered some unusable; the equipment at Laboratory risk of damage; while some senior staff accommodation are closed.

DIRECTOR, INSTITUTE OF EROSION STUDIES

1. ACHIEVEMENT

- The Institute introduced M.Sc/Ph.D programmes in integrated watershed Management and M.Sc/Ph.D in Urban /Rural Drainage Systems.
- The institute introduced new certificate course of attendance 1, certificate of attendance 11 and post graduate diploma(PGD)
- Acquisition and interpretation of real time digital data from the Automated weather station which was installed with 14 sensors and has the capacity to obtain, store and retrieve several weather related digests every minute.
- Sustainance of the already existing collaborations/linkages between NEWMAP,NIMET, federal ministry of Environment etc and the institute of Erosion studies.

2. STAFF DEVELOPMENT (CONFERENCE WORKSHOP)

Four Staff of the Institute participated actively in various seminars, workshop and conferences during the period under review.

3. STAFF PUBLICATION

There were some academic staff that published journals in the institute within the period under review.

4. RESEARCH ACTIVITIES

- Research Team: The Director constituted several research group at the institute and currently have a Team on the African Centre of Excellence in coastal degradation and mitigation.

- OER(Online Education Resources): The institute improved the online visibility by populating the web space on the website of the federal university of technology, owerri. Several workshops and symposiums of the institute were digitalized.
- Publication of IES monthly Weather Digest: The institute has commended the online publication of the monthly weather service of owerri and environs.

5. FUTURE PLAN

The Institute has perfected its strategy and action plan aimed at improving the institute academically and financially through the establishment and operation of a robust consultancy services. The institute tends to create areas of specialization which will represent units. The units are as follows;

1. Geomorphology and Meteorology
2. Agriculture and Forestry
3. Engineering Hydraulics and Environmental Protection
4. Management and Social Economics

6. OTHER RELEVANT INFORMATION

The institute has considered renovating the administrative block and to replace obsolete equipments in the IES laboratory.

DIRECTORATE OF GENERAL STUDIES

1. Achievements

The Directorate of General Studies had within the reporting period created DGS Internet Platform. It was done by Dr. Nwanegbo-Ben)

2. Staff Development

- Three (3) staff of Directorate of General Studies – Prof. E.B.J. Iheriohanma, Dr Amadi C.I. and Mr Edward Omeire attended their professional Annual Conference of the Nigerian Anthropological and Sociological Practitioners Association (NASA) at the University of Port Harcourt, Rivers State from 5th November to 8th November,

2018. The theme of the conference was "Good Governance, Social Order and Development in Nigeria".

- Four (4) staff of Directorate of General Studies- Dr. Obinna Obiagwu, Dr. (Mrs) Felicia Nwulu, Dr. (Mrs) A. Amadi and Rev. Fr. Dr. B. I. Ozoigbo attend the FAHSANU 2018 from 9th to 13th April, organized by the Faculty of Arts and Humanities Association of Nigeria Universities.
- Four (4) staff of Philosophy Unit of then Directorate of General Studies – Dr Obinna Obiagwu, Rev. Fr. Jude Onyeakazi, Dr. J. Obi-Okogbuo and Rev. Fr. Dr. B. I. Ozoigbo attended the Nigerian Philosophical Association (NPA) Conference from 10th-13th, October, 2018.

3. Research Activities

The under listed academic staff of the Directorate embarked on various research activities as:

- Dr. Queen Njemanze conducted research on the following topics
 - i. Interpreting Leadership beyond Cultural lens: The Challenge of Change"
 - ii. The use of Codes and Biligual Influence on the Communication Pattern of Nigeria University Students"
 - iii. Multilingual Literacies and Linguistic Landscape" Between Creativity and Communication"
- Mrs A. Regis-Onuoha carried the following research:
 - a. Diagnosis of writing difficulties in first year undergraduate in FUTO
 - b. Effectiveness of integrated reading and writing instructional method on writing advancement of undergraduates in FUTO
- Dr. Ken. U. Chukwu carried out a research on
 - a. A study of the Language of Students' Political Posters in International published in International Journal of Development.
 - b. "From the Green to the Coast" 'Language Yielding to Context" published in Journal of English Language and Literature.

4. Future Plan

- i. To hold the second Annual DGS Conference probably in the Second Semester of 2018/2019 session.
- ii. To hold paper presentation by DGS staff
- iii. Plan institute an Academic Discussion/theatre/poetry groups amongst DGS staff to make critique of staff productions and presentations.

- iv. Establishment of a mini DGS Library with internet survives/modern in the Directorate of General Studies.

5. Other Relevant Information

Dr. Queen Njemanze returned from sabbatical leave from South

INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) CENTRE

1. Achievements

- Production /Renewal of University staff ID Card for new /old staff
- Biometric capture and production of Electronic Student's ID (Smart Card) for all students of the University.
- On line application for all academic programmes of the University for the 2018/2019 academic sessions.
- Generation of school fees list of the 2017/2018 academic session for all Departments for management use.
- Compilation of students'2016/2017 graduation list for convocation report and magazine.
- Issuances of FUTO email address (staffname@futoedu.ng) to staff of the University.
- Real time, on-line positive feedback response to incoming mails on the University email: info@futo.edu.ng
- Upload of 2016/2017 and 2017/2018 results in the portal vis-à-vis assisting lecturers do same.
- Setting up of laboratory resources systems/preparation of ICTC computer labs for 2018/2019 PUTME CBT examinations and other regular University first year academic laboratory practical and CBT examinations.
- FUTO Campus Area Network (CAN) operations and maintenance
- Provision of Local Area Networks (LAN) in all strategic areas of the University environment.

2. Future Plan

- Provision of high speed Internet.
- Distribution of internet strategically 100% on campus.
- Provision of internet-based security and monitoring system on campus.
- Provision of Security measures to authenticate certificates and other documents by the University.

- Provision of larger hall to accommodate at least one thousand (1,000) Desktop computers.
- Provision of interactive and smart Boards in all classes
 - Official Bus for the ICT Centre
 - Provision of Hardware and software laboratory.
 - Offline back up for the ICT

CENTRE OF ENTREPRENEURIAL STUDIES

1. Achievements

- The Centre for Entrepreneurial Studies offered entrepreneurship training to all the three (300) level students of the University numbering about four thousand five hundred and sixty five (4565).
- The Unit conducted a successful 3rd Annual Conference with the theme "Achieving Sustainable Development through Entrepreneurship Development in Nigeria". The Annual Conference was held between Monday, September 1, 2018 and Friday, September 21, 2018.

2. STAFF DEVELOPMENT

- The Director of the Centre attended the conference of the Nigerian Association of Agricultural Economists (NAAE) in Abuja from Monday, October 14, 2018 to Friday, October 19, 2018.

3. FUTURE PLANS OF THE CENTRE

- The Centre plans to continue to enlighten the public on the entrepreneurship programmes through the use of fliers, short courses and journals and so on.
- It also plans to set up chemical and allied products entrepreneurship training program as well as Agricultural training programmes in Poultry and Fishery.

4. OTHER RELEVANT INFORMATION

• Provision of 100kva Generating Set

On Monday October 22, 2018, the Centre received a 100KVA Generating set provided by the University Management. The generating is for the Skills Acquisition Building, Centre for Entrepreneurial Studies.

- Installation four Window Unit Air Conditioners

Within the month of December 2018, four window Air Conditioner were installed comprising of: three (3) Thermofrost and one (1) Kenstar.

- Appointments

- i. Re-appointment of the Director, Centre for Entrepreneurial Studies, Prof. C.C. Eze for another one year with effect from August 1, 2018.
- ii. Re-appointment of the Deputy Director Centre for Entrepreneurial Studies, Dr. Chika Ogueke for another one year with effect from August 1, 2018.

CENTRE FOR ENERGY AND POWER SYSTEM RESEARCH UNIT

1. ACHIEVEMENTS

The Centre achieved the following during the year under review

- Successfully championed and hosted proposal writing for ACE Impact College of Engineering Intervention by World Bank.
- Encourage staff development through recommendation and approvals workshops trainings, seminars etc.
- Secured approval for powering the Centre for Energy and Power Systems Research using Solar Energy.

2. STAFF DEVELOPMENT

The following staff of the Centre went to Conferences and Workshop within the reporting year period.

- Engr. Richard N. Olekaibe, a Principal Laboratory Technologist in the Centre attended the 2018 Advanced Digital Appreciation Programme for Tertiary Institutions at FUTO, organized by Digital Bridge Institute.
- Mrs Dorathy O. Akagha, attended the 2018 Advanced Digital Appreciation Programme for Tertiary Institutions at the Federal University of Technology, Owerri Imo State.

3. FUTURE PLANS OF THE CENTRE

- Establish Linkage with Sister Centres in the country for effective research activities
- Reach out to National and International agencies for funding of renewable energy based research activities in the Centre.

4. OTHER RELEVANT INFORMATION

The Centre has the following needs:

- The employment of permanent research staff personnel
- The Centre had no laboratory facilities
- The Centre has no official car.

NIGERIA/ISRAELI CENTRE FOR MANAGEMENT STUDIES

1. ACHIEVEMENT

- Within the reporting period, the Centre secured an equipped workshop/laboratory.

2. STAFF DEVELOPMENT

- Prof. L.E. Akujuobi attended the 20th Annual Tax Conference of the Chartered Institute of Taxation of Nigeria from May 8th to 12th, 2018.
- Mrs. Oguoma Ogechi attended the 28th Annual National Conference/Workshop of the Association of Professional Secretarial Staff of Nigeria (APSON).

3. FUTURE PLAN OF THE CENTRE

The Centre is working towards achieving rapid growth and reduction of the high rate of school fees so as to attract both local and international candidates for studies.

INSTITUTE OF ENVIRONMENTAL HEALTH AND ENVIRONMENTAL JUSTICE

1. ACHIEVEMENTS

- The Institute has successfully prepared the curriculum for the take off of academic activities and presented same to the University Curriculum Committee for rectification and approval.
- The Institute has attracted partnership/collaboration requests from other Academic Institutions to run certificate and diploma courses and workshop.
- The Institute hosted the conference of Environmental Health Scientists Association of Nigeria (EHSAN) from November 19th to 23rd 2019.

2. FUTURE PLANS OF THE INSTITUTE

- The Institute intends to commence academic activities as soon as the Institute's Curriculum is approved.
- The Institute intends to organize workshop certificate and diploma programs with the Institutions that requested for collaboration as soon as the Memorandum of Understanding (MOU) is signed.

3. OTHER RELEVANT INFORMATION

- The appointment of the Director of the Institute, Prof. R.N. Nwaoguikpe was renewed for one (1) year with effect from August, 2018.
- The Institute had meetings with Fellows and Affiliates of the Institute with the aim of propelling the Institute to the higher level.
- The Director of the Institute, Prof. R. N. Nwaoguikpe headed the meeting of the Senate sub-committee on Research Grant and Research Equipment, held on October 15, 2018.

INSTITUTE OF WOMEN, GENDER AND DEVELOPMENT STUDIES (IWoGDS)

1. ACHIEVEMENTS

- The IWoGDS , in collaboration with Federal University of Technology, Owerri Women Association (FUTOWA) successfully held the International Women's Day in FUTO tagged "Time is Now: Rural and Urban Activist Transforming Women's lives" of the United Nations on March 14, 2018. The Keynote Speaker was Barrister (Mrs) Berta N. Utunta. The Celebration was attended by women from the Host communities.
- The IWoGDS held her 7th International Conference from May 21st to 24th, 2018 with the theme "Gender, Health and Sustainable Development" The Lead papers were presented by Prof. Nnenna Oti and Dr (Mrs) Emily Akuabia Nzeribe and other 57 papers.
- The Institute in collaboration with FUTOWA organized a one day Talk Show/ Interactive Session with all the female students of FUTO on August 14, 2018 and the theme was "Female Reproductive Health" and the sub-topics were (i) Risky sexual behaviours. (ii) Courtship on Campus. (iii) Sexual Harassment on Campus.
- The Institute conducted the seminar defence of her first M.Sc students on November 6, 2018.
- The Institute in collaboration with FUTOWA organized a road walk on campus to mark the 2018 International Day for the Elimination of Violence against Women and Girls with theme "#Hearmetoo: End Violence Against Women and Girls" on December 11, 2018. The road walk started from Senate building and ended at IWoGDS building.
- The Institute had within the period under review, set up an E-library for her PGD, M.Sc and other students for research purposes.

- The Institute donated four editions of her complimentary copies of the International Journal of Gender and Development Issues sponsored by Tetfund to the Imo State Library Board (100 copies), the State National Library (100 copies) and FUTO Library (100 copies).

2. **STAFF DEVELOPMENT**

- Dr.(Mrs) Ofor, Marian Ono attended a workshop organized by Organization of Women in Science for the Developing World in Abuja in July, 2018.
- Prof. (Mrs) G.N. Okwu attended Women in Management and Leadership (WIMLEAD) conference organized by the Nigerian Institute of Management (chartered) NIM in Abuja on August 1st to 2nd , 2018.
- Miss Blessing Okongwu attended the 29th Annual National Conference of Association of Personal Senior Secretary of Nigeria (APSSON) held at University Teaching Hospital Uyo, Akwa Ibom State from October 8th to 12th , 2018.
- Mr Kenneth Offornagoro attended a TETFund sponsored workshop organized by the Administrative Staff College of Nigeria (ASCON) Topo, Badagry on "Administrative Principles, Processes and Practices" from November 26th to 30th , 2018.
- Mrs. Uzodinma, Ann attended a TETFund sponsored workshop organized the Administrative Staff College of Nigeria (ASCON) Topo Badagry on "Report and Speech Writing Techniques for Administrative Officers in the Tertiary Institutions" from December 3rd to 7th, 2018.

3. **FUTURE PLANS OF THE INSTITUTE**

- The Institute plans to celebrate the International Women's Day in March, 2019.
- The Institute plans to organize the 8th International Conference of the Institute from May 13th to 16th , 2018.

CENTRE FOR CONTINUING EDUCATION

1. **ACHIEVEMENTS**

- The Centre conducted the registration of students and their biometric capture within the reporting period.
- The Centre conducted the 2018/2019 JUPEB admission and also processed Transcripts requests for graduated students of the Centre.

2. **STAFF DEVELOPMENT**

- Mrs. Chinyere Sani, DR/Coordinator and Mr. Anthony Asinobi, PAR attended five days Conference on “Improving Registry Administration in Tertiary Institutions” at Administrative Staff College of Nigeria (ASCON) Topo, Badagry, Lagos on September 17th to 21st, 2018.
- Mr. Nnaemeka Nwachukwu, AR, attended five days Conference on “Improving Registry Administration in Tertiary Institutions” at Administrative Staff College of Nigeria (ASCON) Topo, Badagry, Lagos on November 26th to 30th, 2018.
- The Institute played host on two day National Workshop for Joint Universities Preliminary Examinations Board (JUPEB) from December 3rd to 4th, 2018.

3. **FUTURE PLANS OF THE CENTRE**

- The Plans to set up Extra-Mural classes for candidates taking GCE, WASSCE, NABTEB, JAMB and POST-UTME as approved by Management.
- The Centre plans to partner with Centre for Entrepreneurial Studies and organize skill acquisition programmes.
- The Centre intends to achieve benchmark of 90% pass in Joint Universities Preliminary Examinations Board final examinations to enable more candidates that gain admissions through Direct Entry.
- The Centre plans to establish a standard Joint Universities Preliminary Examinations Board (JUPEB) complex with Information and Communication Centre (ICT) gadgets and other facilities as obtainable in other JUPEB affiliate Universities.

4. **OTHER RELEVANT INFORMATION**

- The Centre indexed students’ files and forwarded same to Centre for Information and Communication Technology for Matriculation numbers.
- The Centre handled other routine requests and correspondences from corporate bodies and individuals within the period under review.

FUTO FARMS LIMITED

1. **ACHIEVEMENTS**

- The Department planted on 50 hectares of land and 15 tonnes of cassava was harvested and processed during the period under review.
- The department stocked juveniles and harvesting of fish from one of the three ponds constructed within the period.

- The first circle of broilers had been brooded and pullets have been raised to the point of lay.
- The Department continued the harvesting and processing of honey from their beehives within the reporting year.
- The Department planted six thousand palm seedlings on twenty three hectares of land. They also established six thousand palm nursery and palm fruits were harvested from the established palm trees and processed into palm oil.
- Within the period under review, twelve thousand stands of pineapple suckers and five thousand raffia palm seedlings were planted.
- The planting and harvesting of Ugu, pepper, Waterleaf, Cucumbers, Sugar cane, Utazi, Okazi and Okro.
- The FUTO Farms Limited expanded Mini shop for strategic sales outlets.
- They established five thousand citrus nursery orchard and installed palm kernel cracker.

2. STAFF DEVELOPMENT

- Chukwu, Adika-Adinma (Mrs), a Principal Assistant Registrar attended a five day course in improving Registry Administration at the Administration Staff College of Nigeria Topo, Badagry.

3. FUTURE PLAN OF THE UNIT

- The Unit has cleared 25 hectares of land behind Senate Building and FUTO Water in preparation for the 2019 planting season.
- They plan to build a modern Fish Nursery on Campus.
- They plan to collaborate with the relevant Departments on Campus for the use of substrates from the farm for the generation of Biogas.
- The Unit plans to collaborate with Polymer and Textiles Department for recycling of plastic waste from the farm.

CENTRE FOR AGRICULTURAL RESEARCH UNIT

1. STAFF DEVELOPMENT

Three staff in the unit attended conferences/workshop/seminar in their respective dates and locations within the period under review.

2. RESEARCH ACTIVITIES

Several Research activities were carried out namely:

- The performance of upland using organic and inorganic fertilizer on an ultisol.
- Effect of poultry manure rate on soil and the yield of irrigated upland rice.
- Effect of humanure(human dung and urine) rate on an utisol and the yield of upland rice.
- Performance and yield of different varieties of water melon in amended soils.

3. FUTURE PLANS

- The Centre is looking on how to achieve sustainable Agriculture through robust farmer driven participating program.
- To harness natural resources for sustainable management and diversity.
- To explore collaborative opportunities and embark on aggressive marketing potentials, beginning with university's website.

CHAPTER THREE

ADMINISTRATIVE, PROFESSIONAL AND TECHNICAL SERVICES

OFFICE OF THE DEPUTY VICE-CHANCELLOR (ADMINISTRATION)

1. ACHIEVEMENTS

- During the period under review, the Senate Building generators were maintained for the generators were maintained for the generation and supply of electricity to the Senate Building.
- DVC (Admin) acted severally for the Vice-Chancellor within this period
- The Office of the DVC (Admin) maintained its duty of regular supply of diesel to the various Schools and Units of the University.
- As part of the achievements, the office maintained its routine duties by providing Bus Services to the University Community and beyond.

2. STAFF DEVELOPMENT

Within the reporting period, Mrs. Stella Nwaimo, ACPS, DVC (Admin) attended the NIPR conferences held in Abuja from 9th to 12th July, 2018. Also, Mr. Ubbaonu, A.U. SAR, DVC (Admin), attended a conference held at

the Administrative Staff College of Nigeria (ASCON), Lagos, from 9th to 13th July, 2018.

3. FUTURE PLAN

It is future plan of the office to sustain its relevance and roles in solving the administrative and other needs of the University.

DEPUTY VICE-CHANCELLOR RESEARCH, DEVELOPMENT AND INNOVATION

1. ACHIEVEMENT

- Within the reporting period, the office has taken an inventory of research non- functional Research equipment in the University.

2. STAFF DEVELOPMENT (Conferences/Workshops)

- The following under listed workshops was approved for the office;
- Step down workshop on the 21st century innovative and Instructional methods, tools and techniques.
- DVC (RD&I) attended a 2-Day Retreat on "Internationalization of University Education in Nigeria" at the National Universities Commission (NUC), Abuja.

3. STAFF PUBLICATION

- During the reporting period under review, the office is assembling best research publication for 2018 from all the Departments in the University.

4. RESEARCH ACTIVITIES

- Within the period under review, the office is reviewing the Research Policy document for the Universities.

5. FUTURE PLAN

- The office want to create an Inventory of recent research work already concluded with their major output as results.

- To facilitate synergy among researchers in FUTO that will make better conduction research activities.
- To create an Inventory of functional equipment in all our schools, Research, Centre, and Institutes.

ACADEMIC PLANNING AND DEVELOPMENT UNIT

1. ACHIEVEMENTS

- Within the period under review, the Unit secured full accreditation of Eight (8) programmes in the University. They are as follows; (i) Department of Forestry and Wildlife. (ii) Department of Urban and Regional Planning (iii) Department of Quantity Surveying. (iv) Department of Biomedical Technology. (v) Department of Dental Technology. (vi) Department of Prothetics and Orthotics. (vii) Department of Maritime and Management Technology and (viii) Department of Information Management Technology.
- The Unit successfully hosted and secured full Professional Accreditation of the Department of Optometry by the Optometrist and Dispensing Opticians Registration Board of Nigeria (ODORBN)
- The Unit published and distributed FUTO Digest of Statistics for 2012/2013-2014/2015.
- The Unit forwarded a soft copy of the compiled 2015/2016 Abstract of Research to the University Librarian.
- The Unit compiled the inputs from different programmes on the new Benchmark Minimum Academic Standard (BMAS) .

2. STAFF DEVELOPMENT

- The Director, Prof I.S. Iwueze attended the 4th Biennial National Conference of the Statistics Research Group at University of Benin on May 8th to 11th , 2018.
- The Director, Prof I.S. Iwueze attended the 42nd Annual Statistics Association Conference Forum on September 5th to 7th 2018 at Nnamdi Azikiwe University, Awka.
- Rev. Pst. Oliver C. Nwagwu (ACPS) and Mrs. Chiaka Upkogu (SCO) attended the National Conference of Association of Professional Secretaries Staff of Nigeria (APSSON) from October 8-12, 2018.
- Mr. Nmezi Emma Nmezi (SAPO) attended a workshop titled "Ethic and Attitudinal Change in Public Service" by Administrative Staff College of Nigeria (ASCON) at Topo, Badgry Lagos from October 8-12, 2018.

3. FUTURE PLAN

- The Unit is preparing the Department of Mechatronics in the School of Engineering and Engineering Technology for its resource verification.
- The Unit is preparing fourteen (14) programmes for 2019 NUC accreditation exercise.

4. OTHER RELEVANT INFORMATIONS

- The Unit prepared for the NUC November, 2018 accreditation exercise of two programmes: Building Technology and Architecture Technology but the exercise couldn't hold due to ASUU Nationwide strike.
- Director, AP&D Unit, Prof. I. S. Iwueze was nominated as Chairman University of Agriculture Makudi in the NUC Accreditation Exercise.

ANTI-CORRUPTION AND TRANSPARENCY MONITORING UNIT (ACTU)

1. ACHIEVEMENT

- Within the period under review, the unit printed and distributed to staff and students of FUTO leaflets warning against all form of corruption including extortion of money

2. STAFF DEVELOPMENT/CONFERENCES, WORKSHOPS

- During the period, Prof. F.N. Nnadi, was sponsored by the University Management and participated in a training workshop which held at the Anti-corruption Academy, ICPC, Keffi. The workshop titled 'Tackling Workplace Corruption through Effective Education and Public Enlightenment Strategies.

3. OTHER RELEVANT INFORMATION

- The activities included participation by the Chairman in various investigation panels, meetings of the Board and interactive meeting with staff on corruption prevention.

OFFICE FOR UNIVERSITY DEVELOPMENT (OUD)

1. ACHIEVEMENT

- During the period under review, the OUD has continued to strengthen the relationship between the University and the FUTO and has succeeded in attracting some projects to the University such as staff housing project and scholarship awards to FUTO students.
- OUD has equally ensured that the siting of stalls on campus for petty trading is streamlined in order to avoid indiscriminate location of stalls. Prospective petty traders are now required to apply and seek for approval before siting any stall.
- The FUTO Motor Park is now under the management of OUD. Two new sites have been cleared for the loading and the unloading of the commercial buses and the shuttles respectively.

2. STAFF DEVELOPMENT (CONFERENCE/WORKSHOP)

- Development has had the privilege of attending conference and workshops such as;
- 1st International Conference on skill acquisition and entrepreneurship, driving sustainable development through skills acquisition and entrepreneurship.
- Digital bridge institute, international center for information and communications technology studies
- 1st international congress on services and technology (Theme; the role of technology in health care delivery)

3. FUTURE PLAN

- The OUD desire to create a clean, safe, beautiful serene environment that enhances the highest level of intellectual and personal achievement.
- To see FUTO become a top-ranked first class University with sanitation and aesthetic features that would positively impact on the psychological, social and mental well-being of the members of FUTO Community.
- The OUD is proposing to liaise with the University Management in order to come up with feasible and effective arrangements for funds rising for the development of the University.

TABLES WITH IMPORTANT INFORMATION

Table 6: List of Schools and Departments and their Acronyms and Year of Commencement

S/N	Schools/Departments	Acronym	Year of Commencement
A	SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY	SAAT	
1	Agricultural Economics	AEC	1982
2	Agricultural Extension	AEX	2003
3	Animal Science & Technology	AST	1982
4	Crop Science & Technology	CST	1982
5	Fisheries & Aquaculture Technology	FAT	2007
6	Forestry & Wildlife Technology	FWT	2007
7	Soil Science Technology	SST	1982
B	SCHOOL OF BASIC MEDICAL SCIENCE	SBMS	
8	Anatomy	ANA	-
9	Physiology	PHS	-
C	SCHOOL OF ENGINEERING AND ENGINEERING TECHNOLOGY	SEET	
10	Agricultural & Bioresources Engineering	ABE	1981
11	Chemical Engineering	CHE	1987
12	Civil Engineering	CIE	1982
13	Electrical & Electronics Engineering	EEE	1982
14	Food Science & Technology	FST	1981

15	Materials & Metallurgical Engineering	MME	1982
16	Mechanical Engineering	MEE	1982
17	Mechatronics Engineering	MCE	-
18	Petroleum Engineering	PET	1982
19	Polymer & Textile Engineering	PTE	1991
D	SCHOOL OF BIOLOGICAL SCIENCES	SOBS	
20	Biochemistry	BCH	2003
21	Biology	BIO	2009
22	Biotechnology	BTC	2003
23	Microbiology	MCB	2003
E	SCHOOL OF HEALTH TECHNOLOGY	SOHT	
24	Biomedical Technology	BMT	2004
25	Dental Technology	DNT	2004
26	Environmental Health Science	EHT	-
27	Optometry	OPT	2004
28	Prosthetics & Orthotics	POT	2004
29	Public Health	PUH	2004
F	SCHOOL OF ENVIRONMENTAL SCIENCES	SOES	
30	Architecture Technology	ARC	2009
31	Building Technology	BDT	2009
32	Environmental Technology	EVT	1998
33	Quantity Surveying	QST	2009
34	Survey & Geoinformatics Technology	SVG	2009
35	Urban and Regional Planning	URP	2009

G	SCHOOL OF MANAGEMENT TECHNOLOGY	SMAT	
36	Financial Management Technology	FMT	2006
37	Information Management Technology	IMT	2005
38	Management Technology	MGT	2004
39	Maritime Management Technology	MMT	1982
40	Project Management Technology	PMT	1982
41	Transport Management Technology	TMT	1982
H	SCHOOL OF PHYSICAL SCIENCES	SOPS	
42	Chemistry	ICH	1981
43	Computer Science	CSC	2003
44	Geosciences	GEO	1981
45	Mathematics	MTH	1981
46	Physics	PHY	1981
47	Science Laboratory Technology	SLT	2009
48	Statistics	STA	2006
9	Post-Graduate School	PGS	1989
	Directorate of General Studies	DGS	1981

Table 7: E-mail Addressess of Schools and Departments

Table	SCHOOLS/DEPARTMENTS	E-mail Address
1	SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY	agriculture@futo.edu.ng
1	Agricultural Economics (AEC)	agriceconomics@futo.edu.ng
2	Agricultural Extension (AEX)	agricextension@futo.edu.ng

3	Animal Science & Technology (AST)	animalscitech@futo.edu.ng
4	Crop Science & Technology (CST)	cropscitech@futo.edu.ng
5	Fisheries & Aquaculture Technology (FAT)	fishaquatech@futo.edu.ng
6	Forestry & Wildlife Technology (FWT)	forestrywildtech@futo.edu.ng
7	Soil Science Technology (SST)	soilscitech@futo.edu.ng
2	SCHOOL OF BASIC MEDICAL SCIENCE	basicmedsci@futo.edu.ng
8	Anatomy (ANA)	anatomy@futo.edu.ng
9	Physiology (PHS)	physiology@futo.edu.ng
3	SCHOOL OF ENGINEERING AND ENGINEERING TECHNOLOGY	engineering@futo.edu.ng
10	Agricultural & Bioresources Engineering (ABE)	agriceng@futo.edu.ng
11	Chemical Engineering (CHE)	chemicaleng@futo.edu.ng
12	Civil Engineering (CIE)	civileng@futo.edu.ng
13	Electrical & Electronics Engineering (EEE)	electelecteng@futo.edu.ng
14	Food Science & Technology (FST)	foodscitech@futo.edu.ng
15	Materials & Metallurgical Engineering (MME)	matmeteng@futo.edu.ng
16	Mechanical Engineering (MEE)	mecheng@futo.edu.ng
17	Mechatronics Engineering (MCE)	mechaeng@futo.edu.ng
18	Petroleum Engineering (PET)	peteng@futo.edu.ng
19	Polymer & Textile Engineering (PTE)	polytexeng@futo.edu.ng
4	SCHOOL OF BIOLOGICAL SCIENCES	biologicalsci@futo.edu.ng
20	Biochemistry (BCH)	biochem@futo.edu.ng
21	Biology (BIO)	biology@futo.edu.ng
22	Biotechnology (BTC)	biotech@futo.edu.ng
23	Microbiology (MCB)	microbiology@futo.edu.ng
5	SCHOOL OF HEALTH TECHNOLOGY	healthtech@futo.edu.ng

24	Biomedical Technology (BMT)	biomedtech@futo.edu.ng
25	Dental Technology (DNT)	dentech@futo.edu.ng
26	Environmental Health Technology (EHT)	envihealthtech@futo.edu.ng
27	Optometry (OPT)	optometry@futo.edu.ng
28	Prosthetics & Orthotics (POT)	prosthetics@futo.edu.ng
29	Public Health (PUH)	publichealth@futo.edu.ng
6	SCHOOL OF ENVIRONMENTAL SCIENCE	environmental@futo.edu.ng
30	Architecture (ARC)	architecture@futo.edu.ng
31	Building Technology (BDT)	buildingtech@futo.edu.ng
32	Environmental Technology (EVT)	environmentaltech@futo.edu.ng
33	Quantity Surveying (QST)	quantitiesurveying@futo.edu.ng
34	Survey & Geoinformatics Technology (SVG)	surveygeoinfo@futo.edu.ng
35	Urban and Regional Planning (URP)	urban_regionalplan@futo.edu.ng
7	SCHOOL OF MANAGEMENT TECHNOLOGY	management@futo.edu.ng
36	Financial Management Technology (FMT)	financialmgt@futo.edu.ng
37	Information Management Technology (IMT)	infomanagement@futo.edu.ng
38	Management Technology (MGT)	mgttechnology@futo.edu.ng
39	Maritime Management Technology (MMT)	maritimemgt@futo.edu.ng
40	Project Management Technology (PMT)	projectmgt@futo.edu.ng
41	Transport Management Technology (TMT)	transportmgt@futo.edu.ng
8	SCHOOL OF PHYSICAL SCIENCE	physicalsci@futo.edu.ng
42	Chemistry (CHM)	chemistry@futo.edu.ng
43	Computer Science (CSC)	computersci@futo.edu.ng
44	Geology (GEO)	geology@futo.edu.ng
45	Mathematics (MTH)	Mathematics@futo.edu.ng
46	Physics (PHY)	physics@futo.edu.ng

47	Science Laboratory Technology (SLT)	sciencelabtech@futo.edu.ng
48	Statistics (STA)	statistics@futo.edu.ng

PHYSICAL PLANNING AND DEVELOPMENT UNIT:

1. Achievements:

The following projects were carried out by the Unit within the period under review.

S/N	PROJECTS	CONTRACTORS
1	Award of contract for the supply of 2 Nos iPhone-8 (256GB) and 14 Nos iPhone-8 (64GB)	Messrs. Bright International Resources Ltd.
2	Award of contract for the procurement and installation, testing, commissioning of equipment and training for Postgraduate School (LOT 8) FUTO.	Messrs. Hessab Engineering and Consultant Ltd.
3	Award of contract for the procurement and installation, testing, commissioning of equipment and training for Postgraduate School (LOT 8) FUTO.	Messrs. Hessab Engineering and Consultant Ltd.
4	Award of contract for the procurement and installation, testing, commissioning of equipment and training for School of Engineering (LOT 6)	Messrs. Hessab Engineers and Consultant Ltd.
5	Award of contract for the procurement and installation, testing, commissioning of equipment and training for School of Physical Sciences (LOT 1)	Messrs. Satimaiha Nig. Ltd.
6	Award of contract for the procurement and installation, testing, commissioning of equipment and training for School of Biological Sciences (LOT 2)	Messrs. Konstrad Nig. Ltd.
7	Award of contract for the procurement and installation, testing, commissioning of equipment and training for School of Management Technology (LOT 3)	Messrs. Seeminiai Engineering Ltd.

8	Award of contract for the procurement and installation, testing, commissioning of equipment and training for School of Health Technology (LOT 4)	Messrs. Seeminai Engineering Ltd.
S/N	PROJECTS	CONTRACTORS
9	Award of contract for the procurement and installation, testing, commissioning of equipment and training for School of Environmental Sciences (LOT 5)	Messrs. Lai Medugu Ltd.
10	Award of contract for the construction of 200meters Perimeter Fence in FUTO	Messrs. Devthel Technical Services Ltd.
11	Award of contract for the rehabilitation of School of Environmental Technology Building Phase 8 (LOT 3) FUTO	Messrs. CONZAC Nig. Ltd.
12	Award of contract for erosion control at the roundabout near Senate Building FUTO	Messrs. FUTO Consult Ltd.
13	Award of contract for the procurement and installation of equipment for Entrepreneurial Studies (LOT 1) FUTO	Messrs. P&O Solid Foundation Nig. Ltd.
14	Award of contract for the procurement and installation of equipment for Entrepreneurial Studies (LOT 1) FUTO	Messrs. Ugolanson Nig. Ltd.
15	Award of contract for the tiling of Health Services Building under rehabilitation, FUTO	Messrs. Funafred Associates Ltd.
16	Award of contract for the construction of 400 meter perimeter fence, FUTO	Messrs. CAE Brand
17	Award of contract for the construction of 400metres perimeter fence, FUTO	Messrs. Clinarc Associates
18	Award of contract for the construction of 400metres perimeters fence, FUTO	Messrs. The Paper Cup Factory
19	Award of contract for the construction of 400metres perimeter fence, FUTO	Messrs. TNT Equipment & Service Ltd.
20	Award of contract for the construction of 400metres perimeter fence, FUTO	Messrs. Evec Environmental Services Ltd.
21	Award of contract for the procurement, installation, testing, training and commissioning of equipment for various schools (LOT 5) FUTO	Messrs. I. N. Venantius Nig, Ltd.

22	Re-establishment of beacons and bearings in some sections of the University land	Messrs. Amah & Associates Nig.
23	Appointment as Architectural Consultant to FUTO	Messrs. Clinarc Associates
S/N	PROJECTS	CONTRACTORS
24	Appointment as all-in consultant for the 2015 and 2016 Tertiary Education Trust Fund (TETFund)	Messrs. Network Projects Nig.
25	Award of contract for the procurement and installation of additional computers and accessories under the year 2015/2016 (merged) TETFund Annual Intervention, FUTO	Messrs. Diligentsia International Services Ltd.
26	Award of contract for the supply of 50KVA Cummins Generating Set	Messrs. Prisco Engineering Services Ltd.
27	Award of contract for the supply and installation of 150 classroom seats, FUTO.	Messrs. Honnets Property Development Company Ltd.
28	Award of contract for the construction of central laboratory complex with offices and external works (LOT 1)	Messrs. Ugolanson Nig. Ltd.
29	Award of contract for the construction of materials research and ancillary works (LOT2)	Messrs. P&O Solid Foundation Nig. Ltd.
30	Award of contract for the construction of sporting facility "Volley Ball Court" FUTO	Messrs. Hi-Cyta Continental Ltd.
31	Award of contract for rehabilitation of burnt ICTC Building (LOT 1)	Messrs. Ugolanson Nig. Ltd.
32	Award of contract for procurement and installation of furniture/equipment for the burnt ICTC Building (LOT 2)	Messrs. Ugolanson Nig. Ltd.
33	Award of contract for procurement and installation of furniture/equipment for the burnt ICTC Building (LOT 3)	Messrs. Bright International Resources Ltd.
34	Award of contract for procurement and installation of furniture/equipment for the burnt ICTC Building (LOT 5)	Messrs. P&O Solid Foundation Nig. Ltd.
35	Award of contract for procurement and installation of furniture/equipment for the burnt ICTC Building (LOT 6)	Messrs. P&O Solid Foundation Nig. Ltd.

36	Award of contract for the procurement of vehicles	Messrs. Bright International Resources Ltd.
S/N	PROJECTS	CONTRACTORS
37	Award of contract for the procurement and installation of 500KVA Cummins Engine Generator and Generator House (LOT 2)	Messrs. Pius Engineering Solution Nig. Ltd.
38	Award of contract for the procurement and installation of office furniture (LOT 3)	Messrs. I. N. Venantius Nig. Ltd.
39	Award of contract for the supply of 150 (3-in-1) classroom seats	Messrs. Honnete Property Development Company (HPDC)
40	Award of contract for the procurement and installation of classroom furniture (LOT 6)	Messrs. Abytech Ventures Ltd.
41	Award of contract for the procurement and installation of office equipments, air conditions and refrigerators (LOT 5)	Messrs. P&O Solid Foundation Nig. Ltd.
42	Award of contract for the procurement and installation of office equipments (computers and accessories) (LOT 4)	Messrs. P&O Solid Foundation Nig. Ltd

The Units also held the following meetings within the period

- i. University Tenders Board (UTB)
- ii. Pre-Qualification of Contractors
- iii. Budget Monitoring Committee
- iv. FUTO and Host Communities
- v. Boosting of IGR for FUTO
- vi. PP&D Unit Departmental Meetings.

Within the period under review, a new staff joined the Unit on temporary appointment as a Surveyor Grade 1, another had his contract renewed as a Chief Planning Office of the Unit and Arc. Chima E. Njoku, the Ag. Director, PP&D Unit passed away on August 22, 2018.

ESTATE AND WORKS DEPARTMENT

1. ACHIEVEMENTS

- The Department had within the period under review, reconnected an armored cable vandalized in at the SEET complex Building,
- They have connected SMAT Building to the University sub-station and supervised the installation of Electrical appliances done by the Postgraduate Students of the University.
- The Department had also ratified electrical faults in the School of Physical Sciences Laboratory and at the Centre for Nuclear Energy Research.

2. FUTURE PLAN OF THE DEPARTMENT

- The Department plans to establish an Automobile Workshop that care for the University and this will assist the internally generated revenue.
- The Department intends to have an office accommodation for her staff.

3. OTHER RELEVANT INFORMATION

- Statutory jobs of the University should be given to the Department instead of contracting them to outsiders.
- A Parking space is needed for the University vehicle, so that the University can take good inventory of them.
- The Structural design of the unit approved by the past administration has not been carried out.

DIRECTORATE OF UNIVERSITY LINKAGES AND ADVANCEMENT

1. Future Plans:

The following achievements were recorded by the Unit during the period under review

- Maintain an updated and comprehensive database of existing linkages and partnerships
- Strengthen viable linkages and partnerships by ensuring adherence to signed MOUs.
- Identify new linkages and partnerships with leading and reputable institutions and organizations to drive staff and students exchange, quality capacity building and collaborative research for development.

- Sustain synergy with Units with overlapping mandates to harmonize efforts to achieve institutional goals and objectives as envisioned by Driving the Culture of Excellence.
- Identify funding sources, investments, opportunities, endowments and other forms of support to mitigate institutional challenges and drive steady growth and development of the University.
- Enhance regular engagement and inspire a culture of philanthropy amongst alumni, friends, benefactors and other stakeholders.
- Identify key alumni and other persons with genuine interest in research and innovations to support advancement of the University through endowment activities.
- Enhance the reputation of the University as a technological hub and instill passion and confidence in our partners through periodic publications of the activities of the Directorate.
- Support the Vice-Chancellor as Chief Fund Raiser of the University in efforts to raise financial and material resources for University development and overall advancement.

QUALITY ASSURANCE UNIT

1. ACHIEVEMENTS

- The Unit monitored effectively the 2017/2018 Rain and Harmattan Semester Examination.
- The Unit carried out on-the-spot assessment of various lecture venues and Department within the period under review.
- The Unit had within the period supervised the implementation of the newly introduced Central Examination System.

2. STAFF DEVELOPMENT

- The Ag. Director, QAU, attended a three day workshop on "African Quality Assurance for Higher Education Leaders (QAHEL)" organized by Association of African Universities for Directors of Quality Assurance in African Universities at Lagos from June 20th – 21st 2018.
- The Ag. Director, Quality Assurance Unit, attended a one day workshop on "Nigerian Universities Quality Assurance Network" organized by NUC on September 11th, 2018 at Abuja.

- Mrs. Beatrice Atim, an Assistant Registrar (AR) attended a Conference on “Improving Service Delivery and Attitudinal Change” at Administrative Staff College of Nigeria (ASCON) Badagry from July 9th-13th, 2018.
- Mr. Tony Alamezie, a Principal Assistant Registrar (PAR) and Miss Mercy BasseyUsua, a Computer Operator (CO) attended a one week “Advanced Computer Appreciation Workshop” organized by the Digital Bridge Institute Abuja, at the University Computer Centre from September 17th -21st, 2018.

3. FUTURE PLANS OF THE DEVELOPMENT OF THE UNIT

- The Unit plans to organize a seminar on modern Quality Assurance Principles and Methodologies to enlighten members of the staff in the University.
- The Unit seeks to strengthen quality assurance and maintain acceptable academic standard in FUTO by way of engaging National Quality Assurance Agencies.

4. OTHER RELEVANT INFORMATION

- The Unit had through its on-the-spot assessment mechanism improved the attendance to work and staying on the job attitude of FUTO staff.
- They have also improved the prompt commencement of lectures by the Academic staff.

TETFUND DESK OFFICE

1. ACHIEVEMENTS

- Within the reporting year, the TETFUND Desk Office in the University had processed and obtained approval for the underlisted Academic staff for sponsorship on different programs locally and international.

S/N	Name of Staff	Dept	Program	Institution
1.	Mr. Emeka Okoli	GLY	Ph.D Petroleum Geosciences	University of Port Harcourt

2.	Mrs. C.M. Onyelucheya	CHE	Ph.D Chemical Engineering	Nnamdi Azikiwe University Awka.
3.	Mrs. U.G. Anyanwu	AEC	Ph.D Agricultural Economics	Michael Okpara Univ. Agric. Umudike
4.	Mrs. T.U. Owuama	CSC	Ph. D Computer Science	Univ. of Port Harcourt
5.	Mrs. C.K. Eke	FMT	Ph.D Accountancy	Univ. of Nigeria Nsukka
6.	Mrs. B.N. Okechukwu	STA	Ph.D Biometrics	Univ. of Ibadan
7.	Mrs. A.N. Ofoma	ABE	Ph.D Agric. & Bioresources Eng.	Nnamdi Azikiwe Univ. Awka
8	Mrs. C.I. Izunobi	EVT	Ph.D Environmental Management	Nnamdi Azikiwe Univ. Awka
9.	Mr. Patrick Olele	MEE	Ph.D Production Eng.	Univ. of Benin
10.	Mr. Francis Nnamani	DGS	Ph.D English & Literature	Ebonyi State University
11.	Mrs. Nneka Agim	Library	Ph.D Library & Information Science	Abia State University
12.	Mrs. Chioma Osuji	Library	Ph.D Library & Information Science	Imo State University
13.	Mr. Moses Ojukwu	FST	Ph.D Food Chemistry	Universiti Sains Malaysia
14.	Mr. Stanley Okangba	PMT	Ph.D Const. Project Mgt.	Univ. of Witswatersrand, SA
15.	Mrs. Damaris Okafor	FST	Ph.D Agric, Food & Nutritional Science	Univ. of Alberta, Canada
16.	Mr. Chima Okoro	Building	Ph.D Civil Engineering	Unversiti Teknologi Malaysia
17.	Mr. Michael Okon	SST	3 Months Bench Work	Univ. of Pretoria, South Africa

18.	Mr. Emma Mbah	PET	Ph.D Civil Eng.	Univ. of Concordia, Canada.
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- The TETFUND Desk office in the University sponsored two Library staff to the 84th World Library and Information Congress, Kuala Lumpur, Malaysia from August 24th to August 30th, 2018.
- Two Teaching staff of the Mathematics Department were sponsored to the 3rd International Conference on Mathematical Modeling & Simulations Nsukka from October 16th to 22nd, 2018.
- The office sponsored three Non-Teaching staff to a workshop on "Improving Service Delivery and Attitudinal Change for Administrative Officers", (ASCON) from July 9th to 13th, 2018.
- Four Non-Teaching staff were sponsored to a workshop on "Leadership, Team Building and Coaching skills for Managers and Supervisors", organized by NIPR at Abuja on May 21st to 24th, 2018 and June 12th to 15th 2018 respectively.
- The Desk Office sponsored three staff to a workshop on "Leadership, Decision Making, Management Controls", organized by NIPR, Abuja on May 21st to 24th, 2018.
- Twelve Non-Teaching staff were sponsored by the Office to the 28th Annual National Conference/Workshop of the Association of Professional Secretarial staff of Nigeria at Uyo on from October 8th to 12th, 2018.
- Three staff were sponsored to a workshop organized by the ASCON on "Enhancing Better Performance Appraisal and Promotion Procedures in Tertiary Institutions" at Badagry, Lagos on September 10th to 14th, 2018.
- The Office sponsored three staff to a workshop organized by ASCON on "Improving Registry Administration in Tertiary Institutions from September 17th to 21st, 2018.
- Twelve staff were sponsored to different workshops and conferences organized by ASCON within the period under review.

INFORMATION AND PUBLIC RELATIONS UNIT

1. ACHIEVEMENT

- Within the period under review, the Information and Public Relations Unit covered the following event;

- The 36th Matriculation and 30th Convocation ceremonies on Friday February and Saturday April 2018, the Vice Chancellor's two years in office which held on 17th and 21st June 2018 were also covered by the Unit.
- The Unit successfully covered the courtesy calls of Vice Chancellor to the Brigade Commander of 34 Artillery Brigade, Obinze on May 15, 2018 and the Graduation and Award Giving of University Staff School on July 26, 2018.s
- Within the period, the Information and Public Relations Unit covered the Orlu Congress Journalist and Imo INEC Boss Courtesy calls to the Vice Chancellor on July 24th and May 14th 2018 respectively. Also the Imo Commissioner of Police, DasukiGaladanchi visit to the Vice Chancellor on July 4th 2018 was covered by the Unit.
- The 7th International Conference of IWOGDs on 21st May and FUTO Sensitization exercise on staff Guideline and Modalities for accessing TETFUND Intervention Fund on May 14th 2018 were successfully covered by the Unit.
- The National Association of food science and technology students' food week and 2017/2018 orientation programmed for newly admitted postgraduate student were successfully covered by the Unit.
- The Unit within the period covered the AIFCE Alumni Honors the Vice-Chancellor, the NAS.
- The Unit within the period covered the honors given to the Vice Chancellor by the AIFCE Alumni, NANS Zone B as the best performing VC of the Zone, on December 22, 2018 and NASU Imo State Council as Vice-Chancellor's Model leadership on October 24, 2018.
- During the period under review, The Unit covered the visiting of Medical Rehabilitation therapist Board of Nigeria on October 8th 2018 and Optometrist Aspensing Optician Registration Board of Nigeria Accreditation Team on October 7, 2018. The Unit also covered the Tennessee Technological University Cookeville USA and Others Strengthen MOU on August 27th 2018.

Prof. S.N. Asoegwu on October 24 were covered by the Unit, Valedictory get together for retired and retiring Professors on November 19th 2018 was covered.

- The 6th Annual Conference of Environmental Health Science which was hosted by FUTO was successfully covered on 19th – 23rd November 2018.
- Within the period under review, the Unit covered the Commences of Turning in Plagiarism software for FUTO staff and student training and assessment on October 11th, 2018.
- The Vice Chancellor's commissioning of school of Science Laboratory visit was also covered by the Unit.
- During the period under review, the Unit successfully produced the FUTO Quarterly Report of February to April, June to August and October to December 2018 also monthly bulletin of FUTO.

2. STAFF DEVELOPMENT

- Within the period under review, MrsUche Bright Nwelue and Stella Ijegbula attended a workshop on "Creative Problem Solving Skill Modern Public Relation Practitioners" by National Institute of Public Relations in Abuja between 2nd to 6th July and 22nd to 25th December 2018.
Mrs Hope Nwabuzor also attended a workshop on "Repositioning the Secretarial Profession vis-à-vis the Digital Age" organized by Association of Professional Secretarial Staff of Nigeria (APSSON) at Teaching Hospital, Uyo, Akwa-Ibom State on 8th to 12th October 8, 2018.

3. FUTURE PLAN

- The Unit plans to acquire the state of the art equipment to improve work efficiency and intensive training retraining and development of its staff.
- Through regular update of activities in the University website, the Unit plans to make the University more visible Online, and carrying out paid advertisement for FUTO contractors and friends.

INTERNAL AUDIT UNIT

1. ACHIEVEMENT

- Within the period under review, the Unit is divided into three (3) functional sections which are Pre-payment System and Special Investigation and Post Payment; also Man-Power and Value-for-money (VPM) were carried out. The Unit also made savings and cost reduction on behalf of management through value-for-money and staff of audit.
- The harmonization of the records of serving of every staff which was accepted by the management was achieved by the Unit within the period.

2. STAFF DEVELOPMENT

- Within the period under review, the Director of Audit Unit L.C. Ofolete attended the 2018 National Conference and Annual Audit General Meeting of the Committee of Heads of Internal Audit Department/Unit in Nigeria Universities (CHIADINU) dated 19th to 23rd November 2018 at Kwara State University Maleke Ilorin. The Secretary of the Unit Miss R.O. Oguh also attended the 28th Annual National Conference of APSSON between' 8th to 12th October, 2018 at University of Uyo Teaching Hospital Uyo.
- During the period, the Director Mrs. L.C. Okoro also attended a Mandatory Continuing professional Development (MCPD) Programmed (ANAN) 'between' 10th to 13th December 2018 in Lagos.
- Mrs. L.I. Okoro successfully completed her programme in Association of National Accountant of Nigeria (NAN) College of Accountancy kwd Jos with certification while Mrs B.C. Okechukwu, Mrs N.L. Egbu and Mrs C.R. Etoamaihe are still on their ANAN Professional programmes.
- Within this period, the Internal Audit Unit checked reviewed and passed the following vouchers;
 - Loan/Advances 1,9,49, Goods and Services 3,916, contract and Services 68 and personnel Enrolment 469 which totaled 6,429.
- The activities of the Unit were affected during the period because of the National Strike by the Senior Staff Association of Nigeria Universities on November 2018, therefore the following Queried

Vouchers were treated and recommendation was made. They are Quire Vouchers 36, Replied Vouchers 20 and Outstanding Quired Vouchers 16.

- The following Audit review and Special Investigations were carried out during this period;
- University centered stores, Revenue collection centers Annual Stock taking and cash count for the year, pay roll, publish facilities, jobs and supplies in the University, fixed Assets verifications monitoring an 120 and evaluation of performance of the operating budget of the University.
- Within the period under review, the Unit registered a cooperative Society with more than members drawn from the Unit and the University community.

3. FUTURE PLAN

- The Unit plans to get the Internal Audit process of the University computerized.
- Through the review and evaluation of the University's Operations the Unit plans to add value and investigate risk.
- Through informed recommendations, the Unit plans to enabled the University's Management and Council to have effective control mechanism to discharged their responsibilities with professional competences and value at the Unit.

4. OTHER RELEVANT INFORMATION

- Within this period, the following staff was promoted, Mrs R.C. Etoamaihe, Miss M. Omanu, Mrs L.A. Terhamba, Mrs L.N Egbu and Miss R.O. Oguh.
- Mrs. AdakuAkujuobi of the Unit died on 25th of May and was bried on June 28th 2018.

PUBLIC PROCUREMENT RESEARCH CENTRE (PPRC)

1. ACHIEVEMENTS

The Centre successfully organized workshops from March to December, 2018 on the following topics:

- Understanding Effective Public Procurement in Practice
- Understanding the Public Procurement Solicitation Principles
- Technical and financial Bid Evaluation for Goods, Services and Works
- Understanding Public Procurement Planning
- Public Procurement Bid Evaluation
- Managing and Negotiating with Consultants and Contractors
- Understanding Public Procurement Methods
- Tenders and Contract Management
- Conflict management in Public Procurement
- Corruption Risks in Public Procurement
- Public Procurement Risks analysis and management for Anti-Corruption Agencies

A total number of two hundred and ninety nine (299) participants attended our Workshop from various Ministries, Departments and Agencies in 2018.

2. STAFF DEVELOPMENT

- a. The Director attended the Institute for Operations Research and Management Science Conference at Phoenix, Arizona USA in November, 2018.
- b. The Director attended the International Conference and Annual General Meeting of the Nigerian Society of Engineers between November 26 -30, 2018.
- c. The Technical Assistant in the Centre, Engr. Mike Nmecha was converted to an Assistant Lecturer in November, 2018.

3. RESEARCH ACTIVITIES

- The Nigerian Public Procurement Act: An Appraisal of the Socio-Economic Impact of 2015-2016 FGN Capacity projects.
- Audit of Public Procurement Act Compliance for 2016 Capital Project Delivery in selected FGN MDAs.

4. FUTURE PLAN OF THE UNIT

- The Centre plans to organize international conference on Public Procurement
- The Centre proposes to have in-house training workshops on Procurement, for MDAs and Multinationals.

5. OTHER RELEVANT INFORMATION

PPRC FUTO is competing for the creation of Centre of Excellence on Sustainable Capacity Building in Procurement, Environment and Social Safeguard.

SECURITY DEPARTMENT

ACHIEVEMENTS

The security unit made an unprecedented achievement in the area of crime reduction.

Operational patrol teams were constituted which is made up of one senior officer ACPS and four other and a driver.

FUTURE PLANS

A new patrol vehicle was suggested to procure for effective patrol to ensure the maintenance of law & order on campus.

INTELLECTUAL PROPERTY AND TECHNOLOGY TRANSFER OFFICE (IPTTO)

1. ACHIEVEMENTS

The Intellectual Property and Technology Transfer Office (IPTTO) made several achievements in the year 2018 in the areas of research activities and staff development. This was achieved through organizing various interactive sessions with Board of Studies and Department of the different Schools in University. The interactive sessions were focused on training staff on creative writing, plagiarism and productive Research activities.

2. STAFF DEVELOPMENT

The Director, IPTTO, held interactive sessions with the Board of Studies and Departments of various Schools as follow:

- The Unit had an interactive session with the School of Management Technology (SMAT) Board of Studies and Departments "Plagiarism" in September, 2018.
- The Unit also had an interactive session with the School of Health Technology (SOHT) Board of Studies and Departments "Plagiarism and what Constitutes Property " in September, 2018

3. RESEARCH ACTIVITIES

A lecturer in the Department of Chemistry had applied for the registration of a patent on a predictor for high blood pressure. The Unit is assisting him process the registration accordingly.

4. FUTURE PLANS OF THE UNIT

The Unit intends to hold more interactive sessions/seminars with the Board of Studies and Departments as follow:

- i. **January, 2019:** Interactive session with Schools of Physical Sciences (SOPS) Board of Studies and Departments on the following topics;
 - a) Conversion of inventions to value products
 - b) Bridging Research to yield products
 - c) Product Registration
- ii. **February and April, 2019:** Interactive session with School of Agriculture and Agricultural Technology (SAAT) and School Biological Sciences (SOBS) Board of Studies and their Department) and School of Environmental Sciences (SOES) s respectively on the following topics;
 - a) What is a product?
 - b) How is a value product created?
- iii. **March and May, 2019:** Interactive session with School of Engineering and Engineering Technology (SEET) and School of Environmental Sciences (SOES) Board of Studies and their Departments respectively on Innovation Management.
- iv. **June, 2019:** Interaction with members of Academic Staff Union of Universities (ASUU) on "What constitutes plagiarism: plagiarism as interpreted by various Universities and indexed journal and impact factor.

OFFICE OF THE REGISTRAR

CENTRAL REGISTRY UNIT

1. ACHIEVEMENTS

- The unit had within the period under review, collated and submitted various data to government and corporate bodies.

- The unit issued a total of One hundred and twenty (120) Letters of Introduction/References to both staff and students on the directive of Registrar.
- They received Seventy (70) National Youth Service Corps members and processed their forms for posting to various Units and Departments for their primary assignments.
- The unit endorsed Two Thousand, Nine hundred and Ninety-six (2,996) Certificates in liason with the Office of the Vice-Chancellor.
- The also coordinated the redeployment of Administrative, Executive, Secretarial, Clerical and Computer Operators for greater organizational efficiency.
- They provided secretarial and auxiliary services to statutory and adhoc University Committees namely: Secretary, Registry Management Committee, Assistant to the Company Secretary, FUTO Microfinance Bank Nigeria Limited and Assistant Secretary, Panel on Reported Case of Assault on Staff.

2. STAFF DEVELOPMENT

- Mrs. M.N. Njoku attended the National Workshop on Advanced Communication Skill for Administrators, on December 4th to 6th 2016 at the Administrative Staff College of Nigeria (ASCON), Topo, Badagary, Lagos.
- Mrs. M.U. Nworgu attended a conference tagged Repositioning the Secretarial Profession viz-a-viz the Digital Age, on October 8th to 12th 2018 at the 28th Annual Conference of the Association of Professional Secretarial Staff of Nigeria (APSSON), University of Uyo Teaching Hospital, Uyo, AkwaIbom.

3. FUTURE PLANS OF THE UNIT

- The Registry will continue to train and retrain its staff in administrative best practices.
- The Unit plans to reconstitute the Registry Training Committee to identify the training needs of Registry staff.
- The Unit intends to revolutionize the Transcript Processing System (TPS) to meet the ever-growing demands from the University alumni.

4. OTHER RELEVANT INFORMATION

- In line with the action plan of the present Registrar of repositioning the Registry Unit for effective and efficient service delivery, He has constituted a Taskforce that cleared backlog of Transcripts in the Records and Statistics Unit of the Registry.
- He also reassigned the Secertarial of Congregation and Lecture Series formerly domiciled in the Records and Statistics Unit to the General Administration and Senate Affairs Units respectively.

ADMISSIONS UNIT

1. ACHIEVEMENT

- During the period under review, the Admissions Unit carried out the verification and re-authentication of Direct Entry transcripts of candidates who were admitted into the University.
- The Unit in collaboration with the Service Providers' O' Level result which facilitated the identification of students with fake result
- Furthermore, the Unit exchanged correspondence with some external bodies and institutions over verification exercise. It also handles the registration of old students who had not completed their Admission formalities.
- The Unit revolutionized everything about Admission. All the processes involved are now online except registration and collection of Green Files.

2. STAFF DEVELOPMENT (Conference, Workshop)

- The PAR/Ag Coordinator attended a workshop titled improving Registry Administration at ASCON Badagary within the reporting period.
- An SAR in the Unit attended a workshop titled 21st Century University Administrator (Challenges) at the National Merit Award Secretariat Auditorium, Maitama, Abuja.

3. FUTURE PLAN

- The Unit is working towards full computerization.

GENERAL ADMINISTRATION

1. ACHIEVEMENTS

- The Unit conducted interview for Drivers and Bus Assistants for the FUTO Bus Service and successful candidates were subsequently issued with letters of appointments.
- The Unit prepared and circulated to all Schools, Departments, Centres and Units, the University Almanac of Events for each month of the year under review.

2. STAFF DEVELOPMENT

- The Deputy Registrar/Coordinator incharge of the Unit attended a workshop organized by ASCON during the year under review.
- Miss Irene Okoi Otu (an Admin. Assistant) equally attended a one week seminar organized by Digital Bridge Institute during the year under review.

3. FUTURE PLANS OF THE UNIT

It is our plan make the Unit the best and most efficient Unit in the University. To achieve this feat, we suggest that the University Management provide the following for the Unit.

- A vehicle for inland mail delivery and Hotel runs outside the University’.
- Provide more office space and better furniture for staff
- A sound set of Computer and printer
- Establish a desk office for complaints and mail tracking.

COUNCIL MATTERS UNIT

1. ACHIEVEMENTS

- The Unit brought innovations that improved service delivery which ensure accurate council proceedings.
- The Unit introduced E-council minutes which reduced the cost of photocopying and bulky papers.

2. STAFF DEVELOPMENT

- Within the reporting period, Mrs Adaku Chinagoro, PAR/Ag. Coordinator, attended a five day training workshop on Building the Capacity of Council Secretariat for peak performance organized by the Administration Staff College of Nigeria (ASCON) from June 11th to 15th, 2018.

- Miss Onyinyechi Njoku, an Assistant Registrar attended a five day training on Embracing the future, Creativity and Innovation in University professional Administrators (ANUPA) from December 5th to 10th , 2018 at Delta State University, Abraka.

3. FUTURE PLANS OF THE UNIT

- The Unit is recommending their staff for further Training aimed at improving the quality of service provided by the unit.

4. OTHER RELEVANT INFORMATION

- The systems in the Unit are not WiFi enabled and there is need for system upgrade which will enable the unit access the FUTO WiFi.
- There is also need for an intra-unit system Networking (LAN) for smooth and efficient job delivery.

LEGAL MATTERS UNIT

1. ACHIEVEMENT

In the year 2018, the Legal Matters Unit in collaboration with the University External Solicitor recorded the following achievements as regards the University cases in court.

- **Favourable Judgement/Ruling 2018:** Dr. Godfrey and ORS VS FUTO AND ORS –FHC/CS/OW/259/2016. The Claimants Dr. Godfrey and ORS alleged that the **University, Investment Industrial Complex Amalgamation Ltd** and others are indebted to them to the tune of ₦300,000,000.00 while claiming ₦450,000,000.00 as damages. The University objected to jurisdiction of the Court to hear the suit on the grounds that, there was no privity of contract linking her to the alleged transaction between the Claimants and other parties. On July 7, 2018 the Claimants discontinued the suit and it was struck out.
- **PLAZA ENTERPRISES LTD & ANOR VS FUTO & ANOR- FHC/OW/179/2013:** The Claimant Plaza Enterprises and ANOR sued, alleging breach of contract. The University challenged the jurisdiction of the Court to hear the suit. On June 25, 2018 the Court upheld the contention of the University and struck out the suit.
- **DIRECTOR OF INTERNAL REVENUE VS FUTO MICROFINANCE BANK – ORC/98/2017:** The Imo BIR sued the University Microfinance Bank claiming failure to file returns of emoluments paid to employees of the bank (PAYE) for the years 2013-2016. The

University refuted this allegation and adduced documentary evidence of payment. The Claimant therefore withdrew the claim.

- **MEGWA AND 4 ORS VS FUTO –FHC/OW/CS/88/2017:** The Claimants Megwa and 4 ORS were expelled from the University for acts bordering on gross misconduct to wit – violent demonstration. They sued the University the matter however, was subsequently settled amicably.

2. STAFF DEVELOPMENT

- Barr. Obi-Okoro, Ugoeze (PAR) and Barr.Ibekwe, Ezinne (AR) in the Legal Matters Unit attended the Annual General Conference of the Nigeria Bar Association at Abuja on August 2018.

3. FUTURE PLAN OF THE UNIT

- The Legal Matters Unit proposes to create sub-units with specific mandate to strengthen capacity of staff and to enhance operational efficiency in line with the vision of the Registrar.

SENATE AFFAIRS UNIT

1. ACHIEVEMENTS

- The Unit successfully conducted the 2nd University Valedictory lecture delivered by Prof. M.I. Iloeje on August 15, 2018.
- The Unit organized and successfully conducted the 33rd Inaugural Lecture delivered by Engr. Prof. S.N. Asoegwu on October 24, 2018.
- They also organized a Valedictory Get together for retired and retiring Professors on November 23, 2018.

2. STAFF DEVELOPMENT

- Within the period under review, Mrs. Ann Emeka-Chukwugbo, PAR/Ag. Coordinator, Senate Affairs Unit went on Nigerian Institute of Public Relations Workshop in Abuja on Leadership Team Building Coaching Skills for Managers and Supervisors.

3. FUTURE PLANS OF THE UNIT

- The Unit plans to ensure that Senate Meetings are completely paperless.

SENIOR PERSONNEL MATTER UNIT

1. ACHIEVEMENT

- The Unit produced appointment letters of Seventy five (75) Academic Staff and Fifty four (54) Senior Non-Teaching Staff that were employed in the University.
- The Unit processed Regularization Appointments of Fifty three (53) Academic Staff and Fourteen (14) Senior Non- Teaching Staff on Temporary Appointment.
- The Unit processed the promotion of Twenty Nine (29) Academic Staff on professorial cadres and Four hundred and ninety four (494) Non-Teaching Staff that were promoted to various cadres.
- The unit had within the period under review, processed Confirmation letters of Fourteen (14) Senior Non- Teaching staff.
- The Unit also processed the conversion of Dr. ChikeEzenwa from the rank of Deputy Registrar to the Academic staff on the rank of Lecturer 11 in the Directorate of General Studies.
- The Unit had processed the documents four (4) Graduate Assistants that were upgraded to Assistant Lecturers and one (1) upgraded from Assistant Lecturer to Lecturer 11.
- The unit processed the letters of Mr. Egbujuo, T.A and Prof. Prince Asagwa that were granted Renewal of Appointments on Part-Time and Adjunct lectureship respectively.
- The following Staff were offered Sabbatical Appointment in the University: Dr. Daniel Okuonghae, Prof. Caroline Akachukwu, Prof. A.A. Ubachukwu and Prof. Augustine Ogogo and the unit processed their documents accordingly.
- The unit processed the approval given to Nine (9) members of the Staff to proceed on Sabbatical leave.
- The unit processed documents of six members of the Academic staff that were given approval for the Renewal of study leave with pay.
- The unit conveyed the approval granted to three members of the staff on study leave with pay.
- The approval for the commencement of maternity leave for Forty three (43) members of the staff, annual leave for one hundred and forty six (146) staff were conveyed.
- The unit conveyed acknowledgement letter for Notification of additional Qualifications of Seventeen (17) staff and Ten (10) staff for Notification of Admissions respectively within the period.
- The unit received fifty five (55) requests for change of next-of-kin and thirteen requests for change of name and processed them accordingly.

- They also processed a total of eight (8) NYSC Corp members were deployed to various units and also produced twenty five (25) letters of identification and introduction for members of the staff.
- The unit processed papers of fourteen (14) staff that were redesignated to different cadres and one hundred and six (106) staff that deferred their 2017/2018 annual leave.

2. STAFF DEVELOPMENT

- The Deputy Registrar/Coordinator of Senior Personnel Matters Unit (SPMU), Mrs P.I. Aririatu attended a conference within the period under review.

3. FUTURE PLANS OF THE UNIT

- They intend creating secret file room, especially for very important document, e.g. letter of appointment, Termination letters etc.
- Computerization of personnel records that documents could be scanned to staff files.
- Construction of movable file racks to decongest the file room.
- Splitting of Senior Personnel Matters Unit into two distinct units of Academic Personnel Matters Unit and Senior Non-Teaching Personnel Matters Unit

4. OTHER RELEVANT INFORMATION

The unit had within the period under review also carried out the following activities;

- Updating of Staff Nominal roll for newly Recruited Staff 2018.
- Submission of 2017 Staff Nominal roll to Federal Character Commission was done within the period.
- Submission of Senior Personnel Matter Unit (SPMU) Budget for 2018.
- Compilation and Submission of list of Secretarial Staff to the Registrar.
- Compilation and submission of list of FUTO staff who graduated from foreign Universities to the Registrar on October 23, 2018.
- Compilation and submission of FUTO Academic and non-Academic that will serve as ad-hoc staff for the 2019 General Elections in Imo State to the Registrar in December 2018.
- Compilation and submission of staff by cadres.
- Seventeen (17) staff of the University lost their lives within the period.
- Four (4) staff withdrew their appointment from the university while two (2) staff transferred their service.
- Eight (8) staff appointments were terminated and one (1) staff was dismissed.

- Twenty-nine (29) staff of the University went for Retirement and one (1) staff resigned.

EXAMINATIONS UNIT

• ACHIEVEMENTS

- Several applications from cooperate bodies, agencies, parastatals and other employers of labour for the purpose of verification of Academic qualification of FUTO graduates were successfully verified.
- Clearance of graduating students from various departments were done by the unit and degree statements were issued.
- Degree certificates were processed and issued to FUTO Alumni on request and 2016/2017 academic year were produced as well. Prior to this, backlog of certificates from 2014/2015, 2015/2016, 2016/2017 sets of graduands were successfully processed.

• FUTURE PLANS

- The unit of the registry department would want to computerize its operations in line with the global best practices. This will enhance effective and efficient service delivery in the unit.

RECORDS AND STATISTICS

1. ACHIEVEMENTS

- The Unit had within the period under review, processed and dispatched Two thousand, three hundred and eighty-six (2386) transcript applications.
- The Unit received and processed Three hundred and forty-two (342) applications for transcript verification.
- They also processed Ninety-nine (99) request for English language proficiency within the period.
- The Unit covered Ten (10) of University Ceremonials Committee, University Lecture Series Committee and Unit meetings respectively.
- The Unit played active role in the 2018 36th Matriculation and 30th Convocation ceremonies held on February 2, 2018 and March 10, 2018 respectively.

2. STAFF DEVELOPMENT

- Three members of the Unit attended workshop on “Management of students Records” held at University of Ibadan on September 24-27, 2018.
- Three members of the Unit attended AGM 2018 ANUPA National Conference held at Ekpoma on December 13-16, 2018.

3. FUTURE PLANS OF THE UNIT

- Full computerization/digitalization of transcripts processing.
- Re-design of the transcript format to be robust.
- Collection of processed transcript within 24 hours.
- Retiring all processed student files to an Archive.
- Improvement on the welfare/working environment of staff.

CHAPTER FOUR

OTHER SUPPORTING FACILITIES AND SERVICES

FUTO MICROFINANCE BANK NIGERIA LIMITED

1. ACHIEVEMENTS

- FUTO Microfinance Bank Nigeria Limited had within the year under review achieved electronic fund transfer services to customers from their account domiciled with them to any bank of their choice and also receive inward transfer of funds from other banks into their customers’ accounts with them.
- The Bank has introduced co-branded mirocheques with Stanbic IBTC Bank. With this development, our cheques now pass through the clearing process like those of commercial banks and hundreds of their customers have benefited from this.
- The Bank has provided its ATM cards with which our customers now withdraw their funds through any bank in Nigeria and they have been recorded huge success.
- The Bank has successfully installed Automated Teller Machine (ATM) at their office awaiting official opening for normal transactions.

- The customer base of the Bank has grown from 4,319 as at the end of 2017 to 4,585 as at December 2018, an additional 266 customers for the year.

2. STAFF DEVELOPMENT

- Within the period under review, all members of the staff in the Bank attended at least two workshops.

3. FUTURE PLAN

- The Bank is focused and always in readiness to embrace any positive change in the industry that will place it on a better position among co-competitors.

FUTO CONSULT LIMITED ACHIEVEMENTS

Construction/Other works in 2018

Within the period under review, the FUTO Consult Limited achieved the following;

S/N	Description	Client	Status
1.	Construction of security booth at SMAT	Gendimex Keystone Limited	Completed
2.	Stabilization of Erosion menance at Senate round-about	Direct Labour	Partial completion
3.	Stabilization of Erosion menance at SOHT	GendimexLtd	Completed
4.	NAS Constituency project	Dude Entertainment	Completed
5.	Provision of air conditioners and Protectors at Library	Chrisem Nig. Ltd	Completed

6.	Provision & installation of air condition protectors at SOHT	MC-Uticka Ventures	Completed
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1. FUTURE PLAN

- The fifty (50) room hostel is estimated to cost additional thirty million (N30m) to complete. The company is ready to partner with private developers on BOT basis or other financing arrangements.
- The company is proposing to expand her activities in the areas of human capacity development. To this end, we are partnering with SWINTECH Computers and Sealand Safety Ltd who are experts in professional ICT Certification training and oil gas Safety & Security Management trainings respectively.

2. OTHER RELEVANT INFORMATION

- Lack of power supply to FUTU Consult
- Late payment for completed jobs by the University
- Lack of funds to process tax clearance certificate and other business permits to enable us bid for jobs outside the University.

PRE-DEGREE UNIT

1. ACHIEVEMENT

7. Within the period under review, the Pre-degree Unit had their 2017/2018 Harmattan and Rain Semester Examination and their candidates were computed and processed.
8. Three hundred and seventy five (375) students were qualified for admission into regular programme, hundred (100) out of the above number were offered merit admission while the remaining 275 students were admitted through Pre-degree.

6. STAFF PUBLICATION

- A staff of Pre-Degree published a book; Gas Chromatographic-Mass Spectrophotometric studies on the Therapeutic Potentials of Costusafer.

7. RESEARCH ACTIVITIES

- During the reporting period, a staff from Pre-degree had a research on Evaluation of claimed specific Therapeutic Potentials of some Medicinal Plants leaf extract.

8. FUTURE PLAN

- Consequently, the Unit earnestly requests that the management provides a building strictly for Pre-Degree Unit.

9. OTHER RELEVANT INFORMATION

- The Unit has released the first batch of screened students who have been offered admission into the Pre-Degree programme for the 2018/2019 academic session.

THE POSTGRADUATE SCHOOL

1. ACHIEVEMENT

- During the reporting period under review, a lot of students of Postgraduate benefited from University Postgraduate Scholarship Scheme for both Local and
- The Postgraduate School successfully graduated; thirty three (33) Ph.D, One hundred and ninety-eighty (198) M.Sc/M.Eng. MPH, M.Tech, MBA and One hundred and thirty nine (139) PGD within the period.
- The Candidates who are seeking for Postgraduate admission to pay for Postgraduate transcripts on-line has successfully completed within the period.

2. STAFF DEVELOPMENT (Conference/workshop)

- During the reporting period under review, some staff attended in-house workshop and Seminar on data and transcripts on-line processing.

3. RESEARCH ACTIVITIES

- Within the period under review, the Postgraduate School strive in the area of research particularly in Science, Engineering, Agriculture, Environment, Health Technology and Management.

4. FUTURE PLAN

- To persuade and encourage students on timely payment of all approved fees.
- To advertisement, admission and processing of candidates transcripts of prospective postgraduate students
- To implement and adherence to the Postgraduate School regulations
- To enhance and encouraged healthy working relationship within the Postgraduate School
- To ensure timely graduation of Postgraduate School
- Harmonize Postgraduate Academic Calendar with the Undergraduate Academic Calendar
- To tackle problem of power supply in the postgraduate school building
- To maintain functional computer Laboratory and computerization of Postgraduate records of Postgraduate School.

GUIDANCE & COUNCELLING UNIT (G&C)

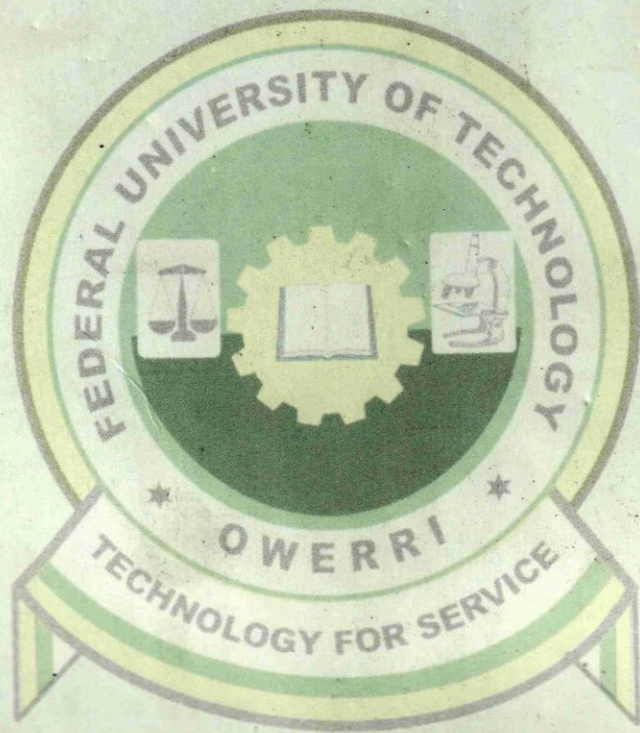
1. ACHIEVEMENT

- Orientation of programmes were successfully carried out and also enable new students to adopt and adjust in their new environment.
- Positive changes in the academic, social, emotional and psychological challenges of the students were recorded within the months over the years.
- Rapport between students and course adviser, preparing personal time-tables, changes about students drop-out has reduced and parents/guardians over issues were invited for interaction with the permission of their wards/children within the period under review.
- The section organized a pre-examination seminar.

- Seminars to enhance employability of students.
- The section also liaises with Departments, including the Postgraduate School on invitation for Departmental Orientation Programmes.

2. FUTURE PLANS

- The section are being encouraged and motivated to organize seminars for students especially accommodation for group counselling in the section.
- Staff of the section are being encouraged and sponsored to conferences, seminars and workshops.



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