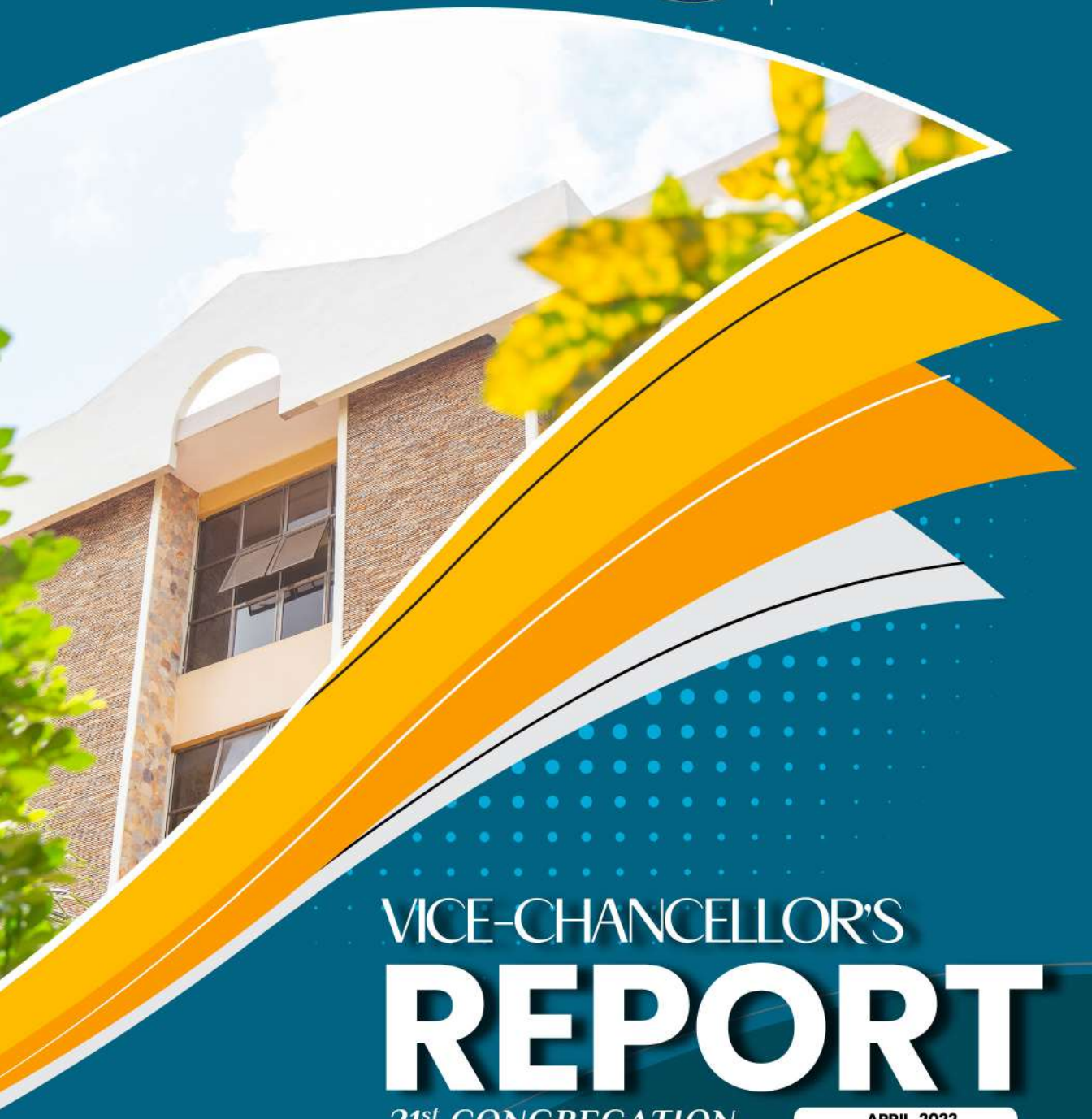
ACCRA TECHNICAL UNIVERSITY



VICE-CHANCELLOR'S REPORT

21st CONGREGATION

APRIL, 2022

ACCRA TECHNICAL UNIVERSITY

VICE-CHANCELLOR'S REPORT

21ST CONGREGATION

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DR. WILFRED KWABENA ANIM-ODAME

CHAIRMAN OF GOVERNING COUNCIL,
ACCRA TECHNICAL UNIVERSITY



PROF. SAMUEL NII ODAI

BEng, MSc, PhD, FGhIE, FLoD, FGA

VICE-CHANCELLOR,
ACCRA TECHNICAL UNIVERSITY



Profile of the University

Accra Technical University, initially established as a Technical School in 1949, was commissioned as Accra Technical Institute, in 1957. In 1963, the institute was renamed Accra Polytechnic; it was elevated to a tertiary status in 1992 by the promulgation of the Polytechnic Law, 1992 (PNDCL 321).

The Polytechnic Act 2007 (Act 745) which repealed the Polytechnic Law, 1992 (PNDCL 321) granted the Polytechnic the autonomy to award Higher National Diplomas (HNDs), Diplomas and other Certificates accredited by the National Accreditation Board (NAB), and award Degrees subject to the conditions that the Council of the Polytechnic may determine.

The Polytechnic was eventually elevated to a technical university by virtue of the Technical Universities Act 2016 (Act 922) as amended (2017). The University is governed by a Council established under the Technical Universities Act.

Accra Technical University currently occupies about 22.6 acres land located in the Central Business District of Accra, with well-developed facilities such as Lecture Halls and Classrooms, Laboratories, Workshops, Hostels, Staff Residences, Roads and Grounds, Staff Offices and a Clinic.

The institution also has a hundred and thirty (130) acre land currently under development into a second campus at Mpehuasem near Samsam.

VISION

To be recognised as the top Technical University in Ghana, with strong regional influence.

MISSION

To advance technical knowledge by creating conducive environment for applied research, quality teaching and competency-based training, with high impact on industry and business creation.

Programmes

We offer a wide range of programmes on Morning, Evening and Weekend sessions. They include Bachelor of Technology (BTech), Higher National Diploma (HND) and Non Tertiary and other certificate programmes. The University currently runs the following programmes under five faculties:

BACHELOR OF TECHNOLOGY (BTECH) PROGRAMMES

(A) BACHELOR OF TECHNOLOGY PROGRAMMES (4-YEAR DEGREE)

1. Bachelor of Technology — Medical Laboratory Science (Morning/Evening)
2. Bachelor of Technology — Electrical/Electronic Engineering (Morning)
3. Bachelor of Technology — Water and Sanitation Engineering (Morning)
4. Bachelor of Technology — Cyber Security (Morning)
5. Bachelor of Technology — Interior Design and Technology (Morning)
6. Bachelor of Technology — Accounting & Finance Analytics (Morning)
7. Bachelor of Technology — Logistics and Transport Management (Morning)

(B) BACHELOR OF TECHNOLOGY PROGRAMMES (2-YEAR TOP-UP)

1. Bachelor of Technology — Science Laboratory Technology (Evening/Weekend)
    - *a. Bachelor of Technology, Analytical Chemistry Option*
    - *b. Bachelor of Technology, Environmental Technology Option*
    - *c. Bachelor of Technology, Industrial Biochemistry Option*
    - *d. Bachelor of Technology, Food Analysis Option*
2. Bachelor of Technology — Medical Laboratory Science (Top-Up at Level 200 or 300)
3. Bachelor of Technology — Statistics (Weekend)
4. Bachelor of Technology— Computer Science (Weekend)
5. Bachelor of Technology— Mechanical Engineering (Weekend)
6. Bachelor of Technology — Automobile Engineering (Weekend)
7. Bachelor of Technology— Building Technology (Evening/ Weekend)
8. Bachelor of Technology — Interior Design & Technology (Evening)
9. Bachelor of Technology— Civil Engineering (Evening / Weekend)
10. Bachelor of Technology — Electrical/Electronic Engineering (Evening/Weekend)
    - *a. Bachelor of Technology, Power and Automation Engineering option*
    - *b. Bachelor of Technology , Telecommunications Engineering option*
11. Bachelor of Technology — Fashion Design & Textiles (Evening / Weekend)
12. Bachelor of Technology — Hospitality Management (Evening / Weekend)
13. Bachelor of Technology — Procurement & Supply Chain Management (Evening/Weekend)
14. Bachelor of Technology — Accounting (Evening/Weekend)
15. Bachelor of Technology — Banking and Finance (Evening/Weekend)
16. Bachelor of Technology — Secretaryship and Management Studies (Evening/Weekend)
17. Bachelor of Technology— Marketing (Evening/Weekend)

(C) HIGHER NATIONAL DIPLOMA (HND) PROGRAMMES

SCIENCE AND TECHNOLOGY PROGRAMMES

1. HND Mechanical Engineering (Morning/Evening)
2. HND Electrical/ Electronic Engineering (Morning/Evening)
3. HND Building Technology (Morning/Evening)
4. HND Civil Engineering (Morning/Evening)
5. HND Interior Design and Technology (Morning/Evening)
6. HND Furniture Design and Production (Morning)
7. HND Science Laboratory Technology (SLT) (Morning/Evening)
8. HND Statistics (Morning/Evening)
9. HND Computer Science (Morning/Evening)
10. HND Hotel Catering and Institutional Management (HCIM) (Morning/Evening)

BUSINESS AND ARTS PROGRAMMES

1. HND Accountancy (Morning/Evening)
2. HND Marketing (Morning/Evening)
3. HND Purchasing and Supply (Morning/Evening)
4. HND Secretaryship and Management Studies (Morning/Evening)
5. HND Bilingual Secretaryship and Management Studies (Morning)
6. HND Fashion Design and Textiles (Morning/Evening)

(D) DIPLOMA AND PROFESSIONAL PROGRAMMES

DIPLOMA PROGRAMMES

1. Diploma in Business Administration (DBA)
2. Diploma in Computerized Accounting
3. Diploma in Banking Technology & Accounting
4. Diploma in Public Relations
5. Diploma in Electronic Marketing

PROFESSIONAL PROGRAMMES

1. International Certificate in Logistics & Transport (CILT)
2. International Diploma in Logistics & Transport (DILT)
3. International Advanced Diploma in Logistics & Transport (ADILT)
4. Biomedical Equipment Maintainance Technician Programme.
5. Basic Drone Pilot Certificate
6. Basic Drone Assembly and Programming Certificate
7. Therapeutic Catering

(E) NON-TERTIARY PROGRAMMES

1. Construction Technician Course (Part I &II)
2. Mechanical Engineering Technician Part I
3. Motor Vehicle Technician Part I
4. Electrical Engineering Technician (Part I & II)
5. Refrigeration Technician Part II
6. Diploma in Business Studies in the following options:
    - *Accounting, •Secretarial, • Management, • Purchasing & Supply, • Marketing,*
    - *Statistics, • Entrepreneurship and ICT*
7. Advanced Fashion
8. Science Laboratory Technician Part I

(F) SHORT COURSES IN LANGUAGE PROFICIENCY

1. English
2. French
3. Spanish
4. German
5. Chinese

(G) UPCOMING 4-YEAR BTECH PROGRAMMES

1. Bachelor of Technology — Civil Engineering
2. Bachelor of Technology — Biomedical Equipment Technology
3. Bachelor of Technology — Public Relations & Digital Communication
4. Bachelor of Technology — Management Information Systems
5. Bachelor of Technology — Medical Imaging Technology

Principal Officers

Chairman, University Council
Dr. Wilfred Kwabena Anim-Odame

Vice-Chancellor
Prof. Samuel Nii Odai
BEng, Msc, PhD, FGhIE, FloD, FGA

Key Officers

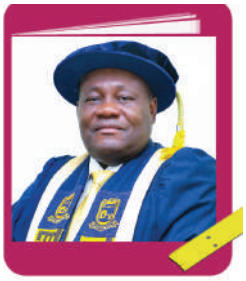
Vice-Chancellor
Prof. Samuel Nii Odai
BEng, Msc, PhD, FGhIE, FloD, FGA

Pro Vice-Chancellor
Prof. Amevi Acakpovi
PhD,FPE-IET-Gh, Snr M.IEEE, M.IEOM

Registrar
Mrs. Sylvia Beatrice Oppong-Mensah

Director, Finance
Mr. Frank Owusu Boateng

Key Officers



Vice-Chancellor
Prof. Samuel Nii Odai (PhD)



Pro Vice-Chancellor
Prof. Amevi Acakpovi (PhD)



Registrar
Mrs. Sylvia Beatrice Oppong-Mensah



Director, Finance
Mr. Frank Owusu Boateng

Other Officers



University Librarian
Dr. Florence Dedzoe-Dzokotoe Plockey



Director, Internal Audit
Mr Godsway Oyiadzo



Director, Works & Physical Development
Ing. Mubarak Kataali Abubakari

Administration of The University

Vice-Chancellor
Prof. Samuel Nii Odai (PhD)

Pro Vice-Chancellor
Prof. Amevi Acakpovi (PhD)

Registrar
Mrs. Sylvia Beatrice Oppong-Mensah

Director, Finance
Mr. Frank Owusu Boateng

University Librarian
Dr. Florence Dedzoe-Dzokotoe Plockey

Director, Internal Audit
Mr. Godsway Oyiadzo

Director, Works & Physical Development
Ing. Mubarak Kataali Abubakari

Dean of Faculties

Faculty of Engineering
Prof. Felix Y.H. Kutsanedzie (PhD)

Faculty of Built Environment
Mr. Seth E.A. Allotey (MSc., MGIOC)

Faculty of Applied Sciences
Prof. Alice Constance Mensah (PhD)

Faculty Of Applied Arts
Dr. Vivian Biney-Aidoo

Faculty Of Business
Dr. Shani Bashiru

Other Deans

Dean of Student Affairs
Mr. Martin Owusu Amoamah (MPhil., MSc)

Dean, International Programmes and Institutional Cooperation
Prof. Ernest Christian Winful (PhD)

Directors

Quality Assurance and Academic Planning
Dr. Henry Kwadwo Hackman

Research, Innovation, Publication and Technology Transfer (DRIPTT)
Dr. Nana Yaw Asabere

Human Resource and Organisational Development
Mrs. Linda Tormeti

Academic Affairs
Ms. Roseline Abotsi

Public Affairs
Ms. Fausta Kilian Ganaa, APR

General Services
Mr. Daniel Larbi

Legal Affairs
Ms. Esaa Elorm Acolatse

Directors

Information Communication Technology
Dr. Sylvester Hatsu

Procurement
Mr. Isaac Kofi Yornu

Guidance, Counselling and Career Development
Dr. Evelyn Ekua Bentil

Industrial Liaison
Mr. Prosper Agumey

Business Development
Mr. Adu-Adjei Mensah





Faculty Of
Engineering

Faculty Of Engineering

1.0. Introduction of the Faculty

The Faculty of Engineering (FOE) is one of the five foremost faculties in Accra Technical University. The faculty is empowered by the University 's statutes to engage in hands-on or competency-based training of students in the area of engineering, to drive the developmental agenda of the country as well as to provide needed manpower to propel industrial growth and expansion. It is composed of three main departments, namely:

1. *Electrical/ Electronics Engineering Department;*
2. *Mechanical Engineering Department; and*
3. *Civil Engineering Department*

The faculty is envisioned to produce world-class graduates well rounded and equipped with the requisite technical skills, problem-solving skills and critical thinking, needed to work as competent engineers and technocrats with the professional acumen and dexterity to function in industry.

The faculty is specifically set up to provide students with hands-on training cut-out for the industry as well as facilitate the developmental agenda in the areas of automobile and machines servicing, repairs and maintenance; civil works design and constructions, water and sanitation management systems design and construction; electrical systems design, installation, fault diagnosis, trouble-shooting, repairs and maintenance; as well as applications in other allied engineering fields.

2.0. Departments/Academic Programmes in the Faculty of Engineering

The three departments in the faculty of Engineering offer a number of several accredited programmes summarized in the table below:

Department	Programme	Remark
Electrical/ Electronics Engineering	3-year Higher National Diploma in Electrical/Electronic Engineering (Control, Power, Telecom Options)	Running
	2-year Top-up in Bachelor of Technology Degree in Electrical/Electronic Engineering (Power and Automation, Telecom Options)	Running
	4-year Bachelor of Technology Degree in Electrical / Electronic Engineering	Running
	Electrical Engineering Technician I	Running
	Electrical Engineering Technician II	Running
	4-year Bachelor of Technology Biomedical Equipment Technology	Accreditation almost completed
Mechanical Engineering	3-year Higher National Diploma in Mechanical Engineering (Refrigeration, Automobile, Plant and Production Options)	Running
	2-year Top-up Bachelor of Technology Degree in Automobile Engineering	Running
	2-year Top-up Bachelor of Technology Degree in Mechanical Engineering	Running
	Mechanical Engineering Technician I	Running
	Motor Vehicle Technician I	Running
	4-year Bachelor of Technology Degree in Automobile Engineering	Pending approval from GTEC
	4-year Bachelor of Technology Degree in Mechanical Engineering	Pending approval from GTEC
Civil Engineering	3-year Higher National Diploma in Civil Engineering	Running
	2-year Top-up in Bachelor of Technology Degree in Civil Engineering - Evening	Running
	4-year Bachelor of Technology Degree in Water and Sanitation Engineering	Running

3.0. Staff Strength in the Faculty of Engineering

Currently, the staff strength of the faculty is about ninety-four (94), which includes both full and part-time faculty members and research fellows. The departmental distribution of the academic and administrative staff based on their ranks is summarized below:

Category	Rank	DEPARTMENTS			
		Civil Engineering	Mechanical Engineering	Electrical/ Electronic Engineering	Faculty Office
Academics	Full/Assoc. Prof	1	1	1	-
	Senior Lecturers	4	5	2	-
	Lecturers	10	15	8	-
	Assistant Lecturers	6	-	6	-
	Technicians	2	19	7	-
Administrative	Snr. Assistant Registrars	-	-	-	1
	Assistant Registrars	1	1	1	-
	Junior Assistant Registrars	-	-	-	-
	Senior Staff	1	1	1	1
	Junior Staff	-	-	-	-
TOTAL		**25**	**42**	**26**	**2**
OVERALL TOTAL= 95					

4.0. Presentation of Faculty of Engineering Graduands Statistics

Students' graduation statistics of the faculty of Engineering in Bachelor of Technology (BTech) and Higher National Diploma programmes for the year 2020/2021 academic year are shown below:

A) BTECH

FACULTY	DEPARTMENT	PROGRAMMES	BTECH GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
FACULTY OF ENGINEERING	ELECTRICAL/ ELECTRONICS ENGINEERING	BTech Power and Automation Engineering	3	25	15	0	43	3	46
		Telecomunications Engineering	1	4	0	0	5	0	5
	MECHANICAL ENGINEERING	BTech Mechanical Engineering	6	19	10	1	36	38	74
		BTech Automobile Engineering	3	11	6	0	20	38	58
	CIVIL ENGINEERING	BTech Civil Engineering (Top-Up)	4	8	12	0	24	1	25
	TOTAL		**17**	**67**	**43**	**1**	**128**	**80**	**208**

B) HND

FACULTY	DEPARTMENT	PROGRAMMES	HND GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
FACULTY OF ENGINEERING	ELECTRICAL/ ELECTRONICS ENGINEERING	HND Power Engineering Option	3	41	52	3	99	14	113
		HND Control Engineering Option	9	58	56	3	126	10	136
		HND Telecommunications Engineering option	0	9	14	1	24	7	31
	MECHANICAL ENGINEERING	HND Refrigeration and Air Conditioning Engineering	1	2	2	0	5	1	6
		HND Plant Engineering	11	21	29	9	70	10	80
		HND Production Engineering	3	8	3	0	14	1	15
		HND Automobile Engineering	3	23	37	4	67	14	81
	CIVIL ENGINEERING	HND Civil Engineering (Top-Up)	4	31	40	0	75	38	113
	TOTAL		**34**	**193**	**233**	**20**	**480**	**95**	**575**

5.0. Faculty of Engineering Achievements / Activities for 2020 - 2021

i. Students from the Electrical/Electronic Engineering Department won various awards in the recent National Skills Competition held in 2021 by Commission for Tertiary and Vocational Education Training (C-TVET)

- ***Bronze Award in Mechatronics Category***
- ***Gold Award in Electrical Wiring Category***

ii. The Champion for the National Skills Competition, a student in the Electrical/Electronic Engineering Department is currently representing Ghana in Africa Skills Competition in Namibia.

iii. The Toyota National Skills Competition saw Mechanical Engineering Students take the first position of the overall competition in the year 2020; subsequently in 2021, our students were placed as follows:

- ***1ST Runner up in Paint Category***
- ***4th, 5th and 6th in the Bodyworks Category***

iv. Faculty members have received appointments on the Council and Sub-Council Committees of Institute of Engineering and Technology, Ghana (IET-GH); as well as various Technical Committees of the Engineering Council of Ghana.

v. Faculty members have been appointed on various international Scientific Committees; Editors of reputable Journals as PLOS-ONE, Frontiers Sensors, Nanomaterials

vi. There was a book launch on Project on Nanomaterials Application to Sensing Technologies.

vii. Members of the faculty have received various nominations and awards as best researchers based on university rankings; A member of Faculty, Prof Amevi Acakpovi received an award of Decade Researcher at the Applied Reasearch Conference in Africa, ARCA 2021 on Sustainable Education and Development – Making Cities and Human Settlements Inclusive, Safe, Resilient, and Sustainable; and also the Distinguished Professor in Engineering by Stair Awards, Pune India.

viii. A team of faculty members applied and won the prestigious grant to establish the Sustainable Energy Services Center worth USD1,100,000.00 under the auspices of the Energy Commission, and the Millenium Development Agenda. The implementation is currently on-going.

ix. Faculty member won the Carnegie African Diaspora Fellowship Programme that brought memtors from University of Georgia to support teaching and curriculum development mainly in Engineering and Science.

x. Various Faculty members continue to render their technical services as on Professional Engineering Council Boards; developing of curriculum for National Commissions for Tertiary and Vocational Education Training (C-TVET); providing consultancy for Food and Drug Authority; Electrical installations and construction; Automobile Industry; and Scientific and Technical expertise on Editorial boards for renowned publishing houses.

xi. Four (4) individuals (two staff and two students) from the Electrical/ Electronic and Mechanical Engineering have been selected by the University of Köln to participate in the Erasmus Exchange Programme in Renewable Energy systems in Germany 2022.

6.0. Staff Publications in the Faculty of Engineering for 2020-2021

1. **Nyanor, P.,** El-Kady, O., Yehia, H.M. et al. Effect of Carbon Nanotube (CNT) Content on the Hardness, Wear Resistance and Thermal Expansion of In-Situ Reduced Graphene Oxide (rGO)-Reinforced Aluminum Matrix Composites. Met. Mater. Int. 27, 1315–1326 **(2021)**. https://doi.org/10.1007 /s12540-019-00445-6
2. Xu, Y., **Kutsanedzie, F. Y.,** Hassan, M. M., Zhu, J., Li, H., & Chen, Q. (2020). Functionalized hollow Au@ Ag nanoflower SERS matrix for pesticide sensing. Sensors and Actuators B: Chemical, 324, 128718.
3. Wang, C., **Adams, M.**, Luo, T., Jin, T., Luo, F., & Gavaises, M. (2021). Hole-to-hole variations in coupled flow and spray simulation of a double-layer multi-holes diesel nozzle. International Journal of Engine Research, 22(10), 3233-3246.
4. Yu, D., Yu, L., **Asempah, I.**, Ju, H., Xu, J., Koyama, S., & Gao, Y. (2020). Microstructure, mechanical and tribological properties of VCN-Ag composite films by reactive magnetron sputtering. Surface and Coatings Technology, 399, 126167.
5. **Kutsanedzie, F. Y.,** Agyekum, A. A., Annavaram, V., & Chen, Q. (2020). Signal-enhanced SERS-sensors of CAR-PLS and GA-PLS coupled AgNPs for ochratoxin A and aflatoxin B1 detection. Food Chemistry, 315, 126231.
6. **Nyanor, P.,** Bahador, A., El-Kady, O. A., Umeda, J., Kondoh, K., & Hassan, M. A. **(2020).** Improved ductility of spark plasma sintered aluminium-carbon nanotube composite through the addition of titanium carbide microparticles. Materials Science and Engineering: A, 795, 139959.
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8. Zareef, M., Chen, Q., **Kutsanedzie, F. Y**., Hassan, M. M., Arslan, M., Hashim, M. M., Ahmad, W. & Agyekum, A. A. **(2020)**. An overview on the applications of typical non-linear algorithms coupled with NIR spectroscopy in food analysis. Food Engineering Reviews, 12(2), 173-190.
9. Annavaram, V., **Kutsanedzie, Y. H. F.**, Agyekum, A., Shah, S. A., Zareef, M., Hassan, M. M., &

Chen, Q. **(2019).** NaYF4@ Yb, Ho, Au/GO-nanohybrid materials for SERS applications—Pb (II) detection and prediction. Colloids and Surfaces B: Biointerfaces, 174, 598-606.
10. Luo, F., Sun, Y., **Moro, A.,** Jin, T., & Wang, C. **(2021).** Measurement and analysis of injection characteristics among each nozzle hole within a heavy-duty diesel engine. Flow Measurement and Instrumentation, 79, 101942.
11. **Gyimah G.K.** et al. **(2022)** Analysis of Electrochemical Machining-Textured Surfaces Under Point Contacts in Rolling Tribo-Test. In: Mojekwu J.N., Thwala W., Aigbavboa C., Bamfo-Agyei E., Atepor L., Oppong R.A. (eds) Sustainable Education and Development – Making Cities and Human Settlements Inclusive, Safe, Resilient, and Sustainable. ARCA 2021. Springer, Cham. https://doi.org/10.1007/978-3-030-90973-4_47
12. Xu, Y., **Kutsanedzie, F. Y.**, Ali, S., Wang, P., Li, C., Ouyang, Q. & Chen, Q. (2021). Cysteamine-mediated upconversion sensor for lead ion detection. Journal of Measurement and Characterization, 15(6), 4849-4857.
13. **Gyimah, G. K.,** Jiang, S., Acakpovi, A., Oman, E. K., Nyanor P. and Barber, G. C. **(2021).** Oil Film Characterization of PTFE During EHL Point Contact and Pure Rolling Tribology Tests. IEEE 8th International Conference on Adaptive Science and Technology (ICAST), 2021, pp. 1-18, doi: 10.1109/ICAST527 59.2021.9681972.
14. Matthew Akatey Seddoh, David Mensah Sackey, **Amevi Acakpovi**, De-Graft Owusu-Manu and Robert A. A. Sowah **(2021)** Maximum Power Point Tracking (MPPT) in Power System Control using Reservoir Computing (RC), Frontier Energy Research - Sustainable Energy Systems and Policies, Accepted, In Printing Stage
15. **Amevi Acakpovi,** Gifty Botwe-Ohenewaa, David Mensah Sackey **(2022)** Impact of Energy Efficiency and Conservation Programmes on National Grid in Some Selected Households in Ghana, Energy Efficiency, Springer, DOI: https://doi. org/10.1007/s12053-021-09998-1.
16. R.A. Sowah, B. Kuditchar, G. Mills, **A. Acakpovi,** R. Twum, G. Osei, R. Agboyi **(2021)**, HCBST: An Efficient Hybrid Sampling Technique for Class Imbalance Problems, ACM Transactions on Knowledge Discovery from Data, Vol. 16, Iss. 3, June 2022 , pp 1–37, https://doi.org/10.1145/3488280
17. **A. Acakpovi,** P. Adjei, N. Y. Asabere, R. A. Sowah, D. M. Sackey **(2021),** Techno-Economic Evaluation of Hydrogen, Fuel Cell Electricity Generation Based on Anloga (Ghana) Wind Regime, International Journal of Energy Optimization and Engineering (IJEOE), IGI Global, Vol. 10, Iss. 3, DOI: 10.4018/IJEOE.2021070103
18. N. Y. Asabere, W. Torgby, **A. Acakpovi** and S. E. Enguah (2021), Mapping and Auditing Internet Addiction in Technical Education, International Journal of Technology and Human Interaction Vol. 17, Iss. 1.
19. **Bani, S., Abbey, S., Quaynor, N., & Essel, E. A. (2020).** Entrepreneurship and the Need for Sustainable New Technologies in Power Generation. Energy and Power Engineering, 12(11), 641-652.
20. **Acakpovi, A.**, Fifatin, F. X., Aza-Gnandji, M., Kpadevi, F., & Nyarko, J. **(2020).** Design and Implementation of a Quadcopter Based on a Linear Quadratic Regulator (LQR). Journal of Digital Food, Energy & Water Systems, 1(1).
21. Majeed, I. B., **Acakpovi, A.,** Eduful, G., **Michael, M. B**., & Abubakar, R. **(2019).** Migration from Low to High Voltage Distribution System: An Optimization of Selected Unit Transformers Using Linear Programming with Matlab. Procedia Manufacturing, 35, 552-560.

22. **Acakpovi, A.,** Adjei, P., Asabere, N. Y., Sowah, R. A., & Sackey, D. M. **(2021).** Techno-Economic Evaluation of Hydrogen Fuel Cell Electricity Generation Based on Anloga (Ghana) Wind Regime. International Journal of Energy Optimization and Engineering (IJEOE), 10(3), 47-69.
23. Amo, S. B., **Acakpovi, A.**, Asabere, N. Y., Abubakar R. and Sowah, R. **(2018)**. High Gain 2.4 GHz Two-Way Direction Wi-Fi Antenna for Underground Mine-Tunnel," IEEE 7th International Conference on Adaptive Science & Technology (ICAST), 2018, pp. 1-9, doi: 10.1109/ICASTECH.2018.8506823.
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25. Atombo, C., & **Wemegah, T. D. (2021).** Indicators for commuter's satisfaction and usage of high occupancy public bus transport service in Ghana. Transportation Research Interdisciplinary Perspectives, 11, 100458.
26. **Agbotui, P. Y.,** West, L. J., & Bottrell, S. H. **(2020).** Characterisation of fractured carbonate aquifers using ambient borehole dilution tests. Journal of Hydrology, 589, 125191.
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30. **Agbotui, P.,** West, J., & Bottrell, S. **(2018).** Characterisation of a Fractured Aquifer Using Open-Well Dilution Tests. In 80th EAGE Conference and Exhibition 2018 (Vol. 2018, No. 1, pp. 1-5). European Association of Geoscientists & Engineers.
31. **G.K. Gyimah,** E. K. Oman, P. Nyanor, A. Acakpovi, S. Jiang, Z. Guo, G. C. Barber **(2022)** Analysis of Electrochemical Machining-Textured Surfaces Under Point Contacts in Rolling Tribo-Test. In: Proceedings- Applied Reasearch Conference in Africa on Sustainable Education and Development – Making Cities and Human Settlements Inclusive, Safe, Resilient, and Sustainable. ARCA 2021. Springer, Cham. https://doi.org/10.1007/978-3-030-90973-4_47
32. R. A. Sowah, H. O. Agyemang, A. Degbang, E. Bosomafi, **A. Acakpovi** and G. Buah, "Design and Development of Shuttlefy: A Smart Shuttle System For University of Ghana Campus," 2021 IEEE 8th International Conference on Adaptive Science and Technology (ICAST), **2021**, pp. 1-7, doi: 10.1109/ICAST 52759.2021.9682012.
33. R. Adegbola, F. X. Fifatin, R. Agbokpanzo and **A. Acakpovi,** "Modelling and Simulation of Magnetic Fields in the Vicinity of High Voltage Transmission Line," 2021 IEEE 8th International Conference on Adaptive Science and Technology (ICAST), **2021**, pp. 1-6, doi: 10.1109/ICAST52759.2021.9682078.

34. **G. K. Gyimah**, S. Jiang, A. Acakpovi, E. K. Oman, P. Nyanor and G. C. Barber, "Oil Film Characterization of PTFE During EHL Point Contact and Pure Rolling Tribology Tests," 2021 IEEE 8th International Conference on Adaptive Science and Technology (ICAST), **2021**, pp. 1-18, doi: 10.1109/ICAST52759.2021.9681972.
35. P. E. Lartsey, D. T. Ayitey, **A. Acakpovi** and R. E. Arthur, "IoT Based Street Light Controller and Monitoring System," 2021 IEEE 8th International Conference on Adaptive Science and Technology (ICAST), **2021**, pp. 1-7, doi: 10.1109/ICAST52759.2021.9682127.
36. **Amevi Acakpovi**, Douglas Tetteh Ayitey, Edward Nagai Adjaloko, "Innovative Fire Detection and Alarm System for Sustainable City Development" International Conference on Cybersecurity and Internet of Things (ICSIoT), Hybrid (online + face to face), Paris , France, December 15-17, 2021.

7.0. Grants / Accepted proposals

Resources mobilized and grants applied for by the faculty for infrastructure and capacity development includes:

1. IGI-Global Publishers DEI initiative e-resources grant of worth Sixty-Five Thousand United States Dollars ($65,000.00) for the University Library that cut across multi-disciplines to support teaching and learning in the University.

2. Grant to establish a Sustainable Energy Services Center worth USD1,100,000.00 under the auspices of the Energy Commission, and the Millenium Development Agenda.

3. Submitted proposal to GIZ for the award of a grant estimated at 2.1 million Ghana Cedis for possible selection of the University as a training Centre for professional artisans.

4. Concept note being developed for the Skills for Africa (SIFA) grants which has a ceiling of 3million Euros for setting up of laptop assembling plant in the University.

5. Two (2) Faculty members have been awarded the Accra Technical University Research Grants of GH¢20,000 each as seed money for their research.



Faculty of

Built Environment

Faculty Of
Built Environment

1.0. Introduction of the Faculty

The faculty of Built Environment is established to train and provide students with knowledge and skills to perform professionally in the Built Environment. The faculty has two departments, namely;

1. *Department of Building Technology*
2. *Department of Interior Design and Upholstery Technology*

The Building Technology Department trains and provides students with knowledge and skills in the construction industry. The department is in a field that emphasises on innovation and aesthetics, thus provides students with the skills and knowledge needed to be successful in an environmentally conscious society faced with efficiency concerns and a growing demand for building structures.

The Department of Interior Design and Upholstery Technology has been set-up to tap creativity into the students using a balance of theory, practical training and real-life experience to provide them with the foundation needed to become successful interior designers. The interior design programme stimulates the imagination of the student while showing the student how to develop innovative yet practical solutions to create healthy, productive and exciting living & working environments. Students learn the characteristics and performance of materials, computer-aided drafting skills, space planning skills, furniture and accessory arrangement, presentation skills and building of portfolios. This programme helps students to develop competencies in all phases of design.

2.0. Academic Programmes Offered in the Faculty of Built Environment

The two departments under the faculty of Built Environment offer the below accredited programmes for students:

Department	Programme	Remark
Interior Design and Upholstery Technology	Four (4)-Year Bachelor of Technology (BTech) in Interior Design and Technology	Running
	Three (3)-Year Higher National Diploma (HND) in Interior Design and Technology	Running
	Three (3)-Year Higher National Diploma (HND) Furniture Design and Production	Running
Building Technology	Two (2)-Year Bachelor of Technology (BTech) Top-Up in Building Technology	Running
	Three (3)-Year Higher National Diploma (HND) Building Technology	Running
	One (1)-Year Construction Technician Part I	Running
	Four (4)-Year Bachelor of Technology (BTech) in Construction Engineering Management	Accreditation almost completed
	Four (4)-Year Bachelor of Technology (BTech) in Building Controlling Survey	Accreditation almost completed

3.0. Staff Strength in the Faculty of Environment

The current strength of the faculty is forty-four (44), including both full and part-time faculty members. The table below presents the numeric strength of the academic and administrative staff based on their ranks:

Category	Rank	DEPARTMENTS		
		Building Tech.	IDUT	Faculty Office
Academics	Full/Assoc. Prof	-	-	-
	Senior Lecturer	9	4	-
	Lecturer	10	3	-
	Assistant Lecturer	3	3	-
	Senior Instructor	1	-	-
	Technicians	3	3	-
	Snr. Assistant Registrar	-	-	1
	Assistant Registrar	1	1	-
	Junior Assistant Registrar	-	-	-
	Senior Staff	1	-	1
	Junior Staff	-	-	-
TOTAL		**28**	**14**	**2**
OVERALL TOTAL = 44				

4.0. Presentation of 2021 Graduands Statistics in the Faculty of Built Environment

Graduands' statistics from the faculty of Built Environment in Bachelor of Technology (BTech) and Higher National Diploma programmes for the year 2020/2021 academic year are presented as follows:

A) BTECH

FACULTY	DEPARTMENT	PROGRAMMES	BTECH GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
FACULTY OF BUILT ENVIRONMENT	BUILDING & TECHNOLOGY	BTech Building Technology	3	9	8	0	20	2	22
	SUB-TOTAL		**3**	**9**	**8**	**0**	**20**	**2**	**22**

B) HND

FACULTY	DEPARTMENT	PROGRAMMES	HND GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
FACULTY OF BUILT ENVIRONMENT	BUILDING & TECHNOLOGY	HND Building Technology	3	36	44	9	92	50	142
	INTERIOR DESIGN & UPHOLSTERY	HND Furniture Design and Production	1	2	3	0	6	1	7
	SUB-TOTAL		**4**	**38**	**47**	**9**	**98**	**51**	**149**

5.0. Achievements/Activities of the Faculty of Built Environment for 2020-2021

i. The Faculty of Built Environment has seen an appreciable increase in students' numbers as well as refurbishment of its laboratories and workshops.

ii. Practical training, innovation and skills improvement remain the strongest characteristics of the Built Environment programmes.

iii. Five (5) new full-time lecturers as well as three (3) new part-time lecturers have been added to the Faculty to augment its staff strength.

iv. Several workshops were organised by both the University as well as the Faculty for staff to meet the changing technological trends and industry demands.

v. The Faculty continues to engage industry in its pursuance of a strong practical base. This has enabled the Faculty to establish collaborations with several companies within the industry including the following:

- ***Furnart Ghana Limited***
- ***Ghana Institute of Architects (GIA)***
- ***Interior Designer and Decorator Association of Ghana (IDDG)***
- ***Furniture makers Association of Ghana (FMA)***
- ***Kingdom Books Ghana Ltd***

vi. The Furniture Production Unit of the department of Interior Design and Upholstery Technology designed and executed over nineteen (19) different jobs for the University both in Joinery Construction and Furniture Making.

vii. Faculty members have been involved in the work of various Committees in the University as well as outside the University. Some Faculty members are part of the Quantity Surveying team of the University that designed the five storey lecture facility, currently under construction.

viii. Members of the Faculty also support examination and accreditation bodies in various capacities in their specialized subject areas.

6.0. Staff Publications in the Faculty of Built Environment for 2020-2021

Pear Reviewed Journal

1. Adinyira, E., **Adjei, E. A. G.**, Agyekum, K. and Fugar, F.D.K. **(2021).** Application of machine learning in predicting construction project profit in Ghana using Support Vector Regression Algorithm (SVRA). Engineering, Construction and Architectural Management, doi.org/10.1108/ECAM-08-2020-0618.
   Web of Science Core Collection: Emerging Sources Citation Index, Scopus Index

2. Agbotui, P., Anornu, G., Agbotui, T., Gyabaah, F., Amankwah-Minkah, A., **Brookman-Amissah, M.**, ... & Sallah, J. (2021). Risk-based contaminated land management policy mindset: a way out for Ghana's environmental challenges. African Geographical Review, 1-14.
   Web of Science Core Collection: Emerging Sources Citation Index, Scopus Index

Peer Reviewed Conference Article

1. **Ansah, N.B.**, Adinyira, E., Agyekum, K and **Aidoo, I., (2021)**; Responsible Material Sourcing: An Assessment of Factors influencing Construction Material Sustainability' In: Laryea, S. and Essah, E, (Eds); Proceedings West Africa Built Environment Research (WABER) Conference, 9-11 August 2021, Accra, Ghana, 805-821.



Faculty Of

Applied Sciences

Faculty Of
Applied Sciences

1.0. Introduction of the Faculty

Science enquires the essence of things, and technology benefits humankind by applying its findings. The faculty of Applied Sciences believe that the two cannot be separated from each other, hence the faculty is focused on the transfer of existing scientific knowledge to practical applications, like technology or inventions. The faculty aims to promote effective teaching and learning, enhance faculty research output and contribute to the University community at large. The faculty's approach to tuition is a holistic one; we complement significant practical work with theoretical scientific processes and knowledge as the means of achieving excellence in delivering our core mandate.

The faculty continues to enrich its programmes in response to developments in the field of higher education and industry needs. In this regard, the year under review saw the introduction of four- year Bachelor of Technology in Cyber Security and a Bachelor of Technology top up option, Food Analysis in Science Laboratory Technology. The Faculty also strives to equip its undergraduate students with knowledge, skills and the right attitudes to face the challenges in the world of work.
The faculty has four Academic Departments namely:

1. *Medical Laboratory Technology*
2. *Science laboratory Technology*
3. *Computer Science*
4. *Applied Mathematics and Statistics*

2.0. Academic Programmes Offered by the Faculty of Applied Sciences

The faculty offers three (3) Bachelor of Technology (B. Tech) Top – Up, two (2) Four - year BTech and three (3) Higher National Diploma (HND) programmes as well as two (2) Non-Tertiary programmes. The table below shows a summary of programmes run under the Faculty of Applied Sciences.

Department	Programme	Remark
Computer Science	BTech Cyber Security	Running
	BTech Computer Science (Top-Up)	Running
	Four-year BTech Computer Science	Accreditation almost completed
	HND Computer Science	Running
	Diploma IT	Accreditation almost completed
Applied Maths/ Stats	BTech Statistics (Top-Up)	Running
	Four-year BTech Applied Statistics	Accreditation almost completed
	HND Statistics	Running
Science Laboratory Technology	BTech Science Laboratory Technology (Top-Up)	Running
	Four-Year BTech Science Laboratory Technology	Approved, will run next year
	HND Science Laboratory Technology	Running
	Certificate in Biomedical Equipment Maintenance Technology	Running
	Science Laboratory Technician Certificate	Running
Medical Laboratory Technology	BTech Medical Laboratory Science	Running
	BTech Veterinary Laboratory Science	Accreditation almost completed
	BTech Medical Imaging Technology	Accreditation almost completed

3.0. Staff Strength of the Faculty of Applied Sciences

At present, the faculty has in its capacity a total of ninety-three (93) staff, made up of both full and part-time faculty members. Captured below is a table showing staff with their ranks:

Category	Rank	DEPARTMENTS				
		Computer Science	Maths / Stats	SLT	MLT	Faculty Office
Academics	Full/Assoc. Prof	-	1	1	-	-
	Senior Lecturer	3	5	8	4	-
	Lecturer	3	2	11	5	-
	Assistant Lecturer	5	7	5	3	-
	Technicians	7	-	10	4	-
Administrative	Snr. Assistant Registrar	-	-	-	-	1
	Assistant Registrar	-	-	1	-	-
	Junior Assistant Registrar	-	1	-	-	-
	Senior Staff	1	1	-	1	1
	Junior Staff	-	-	-	-	-
TOTAL		**19**	**17**	**36**	**17**	**2**
OVERALL TOTAL = 91						

4.0. Presentation of Graduands Statistics

The statistics of graduands of the Faculty of Applied Sciences in the Bachelor of Technology (BTech) and Higher National Diploma programmes for the year 2020/2021 academic year are as follows:

A) BTECH

FACULTY	DEPARTMENT	PROGRAMMES	BTECH GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
FACULTY OF APPLIED SCIENCES	COMPUTER SCIENCE	HND Computer Science	0	6	12	0	18	38	56
	SLT MATHS & STATS	HND Science Laboratory Management	8	91	152	14	265	100	365
		HND Statistics	0	6	2		8	3	11
	SUB-TOTAL		**8**	**103**	**166**	**14**	**291**	**141**	**432**

B) HND

FACULTY	DEPARTMENT	PROGRAMMES	HND GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
FACULTY OF APPLIED SCIENCES	COMPUTER SCIENCE	BTech Computer Science	8	14	0	0	22	4	26
	SLT	BTech Clinical Biochemistry	0	2	1	0	3	1	4
		BTech Food Technology	0	0	1	0	1	0	1
		BTech Analytical Chemistry	6	64	26	0	96	5	101
		BTech Environment Science Laboratory Technology	1	12	4	0	17	4	21

B) HND (cont'd)

FACULTY	DEPARTMENT	PROGRAMMES	HND GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
SLT	MLS	BTech 4-Year Medical Laboratory Science	1	72	42	1	116	9	125
	MATHS & STATS	BTech Statistics	2	8	1	0	11	0	11
	SUB-TOTAL		**18**	**172**	**75**	**1**	**266**	**23**	**289**

5.0. Achievements/Activities of the Faculty of Applied Sciences for 2020-2021

i. Accreditation exercise

The faculty went through a successful re-accreditation exercise of the existing HND programmes. It also followed up on the Accreditation exercise of the submitted seven (7) four-year BTech programme, one (1) BTech Top-Up programme and one (1) Diploma programme.

ii. Faculty Research Seminar

The faculty successfully organised its second research seminar virtually on 1st December, 2021. Presentations covered research areas such as Microbial Diversity and Antibiotic Resistance of Bacteria, Characterization of HIV Serodiscordant couples in Ghana, Linear Discriminant Algorithm for Digital Forensics and School Climate and performance Mediation of Teaching. The seminar was well attended.

iii. ARIF Grant:

Five research groups within the faculty won research grants from ARIF to undertake research on various topics and these are on-going.

iv. Faculty Financial Support Scheme

The faculty has established Deans' financial scheme to help financially challenged students. Eight (8) students were financially supported to enable them write their end of year examinations in the 2020/2021 academic year.

v. Community service

- The Department of Science Laboratory Technology collaborated with iSTEM during the association's (TUSLAT) week celebration to hold a hands-on session with Junior High School students from six (6) schools within Greater Accra Municipality. Hands-on experiments included a simple DNA extraction from banana, production of hand sanitizers, rubbing alcohol, and simple circuit design.
- Two departments in the faculty namely, SLT and MLT departments, organised Medical Screening for all fresh students in the University.

6.0. Staff Publications

1. Ebenezer Okyere and **Alice Constance Mensah (2021)**. Impact of cocoa price shock on the bank profitability in Ghana. Journal of Economics and International Finance. Vol. 13(4), pp. 152-162. DOI: 10.5897/JEIF2021.1144. ISSN 2006-9812
2. **POBBI, M. A. (2021)**. Investigating Impact of Parental Motivations and Involvement within a Developing Country. The Journal of Quality in Education, 11(18), 1-19. DOI:10.37870/joqie.v11i18.265
3. **Dzidzornu, S. K.-B.** and Minkah, R. **(2021).** Assessing the Performance of the Discrete Generalised Pareto Distribution in Modelling Non-Life Insurance Claims. Journal of Probability and Statistics. doi: 10.1155/2021/5518583
4. Mensah, B. A., Achio, S., & **Asare, I. O. (2021).** Effect of Service Quality on Customer Satisfaction in Selected Cafeterias: A Structural Equation Modeling Approach. International Journal of Tourism and Hospitality Management in the Digital Age (IJTHMDA), 5(2), 1-16.
5. Asabere, N. Y., Torgby, W. K., Acakpovi, A., Enguah, S. E., & **Asare, I. O. (2021).** Mapping and Auditing Internet Addiction in Technical Education. International Journal of Technology and Human Interaction (IJTHI), 17(1), 14-31.
6. Tetteh, J., **Asare, I. O.,** Adomako, I., Udofia, E. A., Seneadza, N. A. H., Adjei-Mensah, E., ... & Yawson, A. (2021). Sex differences and factors associated with disability among Ghana's workforce: a nationally stratified cross-sectional study. BMJ open, 11(3), e044246
7. **Otu Phyllis Naa Yarley,** Azumah Bright Kojo, Cunshan Zhou, Xiaojie Yu, Adotey Gideon, **Hackman Henry Kwadwo,** Osae Richard **(2021)**. Reviews on mechanisms of in vitro antioxidant, antibacterial and anticancer activities of water-soluble plant polysaccharides. International Journal of Biological Macromolecules.
8. O**tu Phyllis Naa Yarley**, Azumah Bright Kojo, Telfer Felix Adom, Cunshan Zhou, Xiaojie Yu, Agyapong Henrietta, Oklu Matthew Makafui, Arhin Reuben Essel, Osae Richard **(2021).** Subcritical Ethanol-Water and ionic liquid extraction systems coupled with multi-frequency ultrasound in the extraction and purification of polysaccharides. Separation Science and Technology, 1-15.

9. Richard Osae, Maurice Tibiru Apaliya, Emmanuel Kwaw, Michelle TR Chisepo, **Otu Phyllis Naa Yarley**, Eric Aforo Antiri, Raphael N Alolga **(2021)**. Drying techniques affect the quality and essential oil composition of Ghanaian ginger (Zingiber officinale Roscoe). Industrial Crops and Products 172, 114048.
10. Qinghua Ji, Xiaojie Yu, Li Chen, **Otu Phyllis Naa Yarley,** Cunshan Zhou **(2021)**. Facile preparation of sugarcane bagasse-derived carbon supported MoS2 nanosheets for hydrogen evolution reaction. Industrial Crops and Products 172, 114064.
11. Richard Osae, Maurice T Apaliya, Emmanuel Kwaw, Michelle TR Chisepo, Eric Aforo Antiri, **Otu Phyllis Naa Yarley,** Raphael N Alolga **(2021).** Antioxidant activities, anti-inflammatory, cytotoxic effects, quality attributes, and bioactive compounds of Ghanaian ginger under varied dehydration conditions. Journal of Food Processing and Preservation, e15994.
12. Timofeeva, I., **Nugbienyo, L**., Pochivalov, A. et al. **(2021)**. Flow-based methods and their applications in chemical analysis. ChemTexts 7, 24.
13. **Gideon Adotey,** Raphael N. Alolga, **Abraham Quarcoo, Mohammed Ahmed Gedel Abraham,** K. Anang, John C. Holliday **(2021).** Ultra Performance Liquid Chromatography-Quadrupole Time-of-Flight Mass Spectrometry (UPLC-Q-TOF-MS)-based metabolomic analysis of mycelial biomass of three Ganoderma isolates from the Lower Volta River Basin of Ghana. Journal of Pharmaceutical and Biomedical Analysis.
14. Adebowale Owoseni, **Sylvester Hatsu**, Adedamola Tolani **(2021)** How do digital technologies influence the dynamic capabilities of micro and small businesses in a pandemic and low-income country context? https://doi.org/10.1002/isd2.12202



Faculty Of

Applied Arts

Faculty Of Applied Arts

1.0. Introduction of the Faculty

The Faculty of Applied Arts (FOAA) is mandated to deliver training in Applied Arts and related disciplines. The faculty takes pride in preparing students for leadership and entrepreneurship careers in Hospitality Management, Culinary Art, Tourism, Fashion Design & Textiles, Creative Arts, Public Relations and Event Planning. The practical training orientation of this Faculty is to provide students with up-to-speed knowledge and skills in their fields of study. The Faculty of Applied Arts comprises three Departments:

1. *Fashion Design and Textiles (FDT)*
2. *Hotel Catering and Institutional Management (HCIM)*
3. *Liberal Studies and Communications Technology (LSCT)*

2.0. Academic Programmes Offered by the Faculty of Applied Arts

The three departments offer varied accredited programmes. Below is a table that indicates the programmes run by the departments.

Department	Programme	Remark
Fashion Design & Textiles Technology	BTech Top-up in Fashion Design & Textiles (Evening Sessions)	Running
	HND Fashion Design & Textiles Technology (Morning & Evening Sessions)	Running
	Advanced Fashion	Running
	4-Year BTech in Fashion Design & Textiles Technology	Accreditation almost completed
Hotel Catering & Institutional Management (HCIM)	BTech Top-up Hospitality Management (Evening Sessions)	Running
	HND in Hotel Catering and Institutional Management (Morning & Evening Sessions)	Running
	4-Year BTech in Hospitality & Culinary Art Management	accreditation in progress
Liberal Studies and Communications Technology (LSCT)	Two-year Diploma in Public Relations and Communication (Morning & Evening Sessions)	Running
	4-Year BTech in Public Relations with Communication Technology	Approved, will run next year

3.0. Staff Strength of the Faculty of Applied Arts

The Faculty's staff strength is sixty-six (66), comprising both full and part-time faculty members. The departmental distribution of the academic and administrative staff with their ranks is summarized below:

Category	Rank	DEPARTMENTS			
		Faculty Office	FDT	HCIM	LSCT
Academics	Full/Assoc. Prof	-	-	-	-
	Senior Lecturer	-	4	5	5
	Lecturer	-	8	8	6
	Assistant Lecturer	-	5	3	4
	Technicians	-	4	2	1
Administrative	Snr. Assistant Registrar	1	-	-	-
	Assistant Registrar	-	-	-	-
	Junior Assistant Registrar	-	1	-	1
	Senior Staff	1	1	1	1
	Junior Staff		-	-	-
TOTAL		**2**	**23**	**21**	**18**
OVERALL TOTAL = 64					

4.0. Presentation of Graduands Statistics

The Faculty of Applied Arts presents in the table below the graduands statistics of Bachelor of Technology (BTech), Higher National Diploma and Diploma programmes for the year 2020/2021 academic year.

A) BTECH

FACULTY	DEPARTMENT	PROGRAMMES	BTECH GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
FACULTY OF APPLIED ARTS	HCIM	BTech Hotel Catering and Institutional management	1	6	11	0	18	2	20
	FASHION DESIGN & TEXTILES	BTech Fashion Design and Textiles	13	13	5	0	31	5	36
	SUB-TOTAL		**14**	**19**	**16**	**0**	**49**	**7**	**56**

A) HND

FACULTY	DEPARTMENT	PROGRAMMES	HND GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
FACULTY OF APPLIED ARTS	HCIM	HND Hotel Catering and Institutional management	5	70	81	11	167	31	198
	FASHION DESIGN & TEXTILES	HND Fashion Design and Textiles	CD	CM	C			NC	
			156	45	2		203	17	220
	SUB-TOTAL		**161**	**115**	**83**	**11**	**370**	**48**	**418**

C) DIPLOMA

FACULTY	DEPARTMENT	PROGRAMMES	DIPLOMA GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
FACULTY OF APPLIED ARTS	LIBERAL STUDIES & TELECOMMUNI-CATIONS	Diploma in Public Relations	0	34	36	0	70	11	81
	SUB-TOTAL		**0**	**34**	**36**	**0**	**70**	**11**	**81**

5.0. Achievements/Activities of the Faculty of Applied Arts for 2020-2021

i. Research Seminar Series

As part of efforts to whip-up interest and infuse its members with the desire for impactful research, the Faculty of Applied Arts in collaboration with the Directorate of Research, Innovation, Publication and Technology Transfer (DRPPTT) organised a 1-Day Research Seminar Series under the theme "ATU Research Growth and Expansion Seminar Series". Research teams from the three (3) departments presented on the following topics:

a. The Re-Philosophy of Tsaka (wear) artefact of the Anlo Ewe of the Volta Region.
b. Linguistic models as Technique in Literary Criticism.
c. Deconstructing the Identity of Public Relations as Women's Profession: A Study of Academics, Employers and Public Relations Practitioners
d. Sustainability Assessment of Design and Production Practices of Textiles Firms in Ghana

ii. Health Screening Exercise for HCIM Staff and Food Handlers

As part of efforts to provide the University Community with safe food, the University through the Department of HCIM organised a health screening exercise for the food handlers of the department. The exercise was held at the University's Clinic on Wednesday, 12th May 2021. The screening was to detect communicable disease among the staff of the department. This was done by a team from Accra Metropolitan Assembly (AMA) Health Directorate to ensure that staff at the department are healthy to handle food. Health certificates were issued to the Food Handlers by the AMA.

iii. The Fashion Photoshoot

The Fashion department organised a Fashion photoshoot in place of the regular Fashion Show at the end of each Academic year. This was because of the huge student numbers (about 200), coupled with the lurking dangers of COVID 19. A total of about 5000 photographs

were taken, comprising at least 30 shots of each students' collection. The resulting photos were compiled as a repository of student designs, and to serve as indirect copyright for the works of the Department.

iv. Memorandum of Understanding (MOUs)

The department of Fashion Design and Textiles strengthened its collaboration with its industrial partners by signing Memorandum of Understanding (MOUs) with seven (7) Fashion and Textile establishments, to assist with the placement and training of students. They are; Alfie Designs, Samson Kreations, Waxzin Textiles and Consultancy, Shik Collection, Royal Dennis Designs, Berniel Designs and the Ghana Armed Forces. The areas of collaboration with these establishments include:

- Staff Training and staff exchange.
- Joint research and publications.
- Practical attachment of HND and BTech students in Fashion Design and Textiles.
- Short courses seminars and workshops for industry workers.

v. The Liberal Studies and Communication Technology department

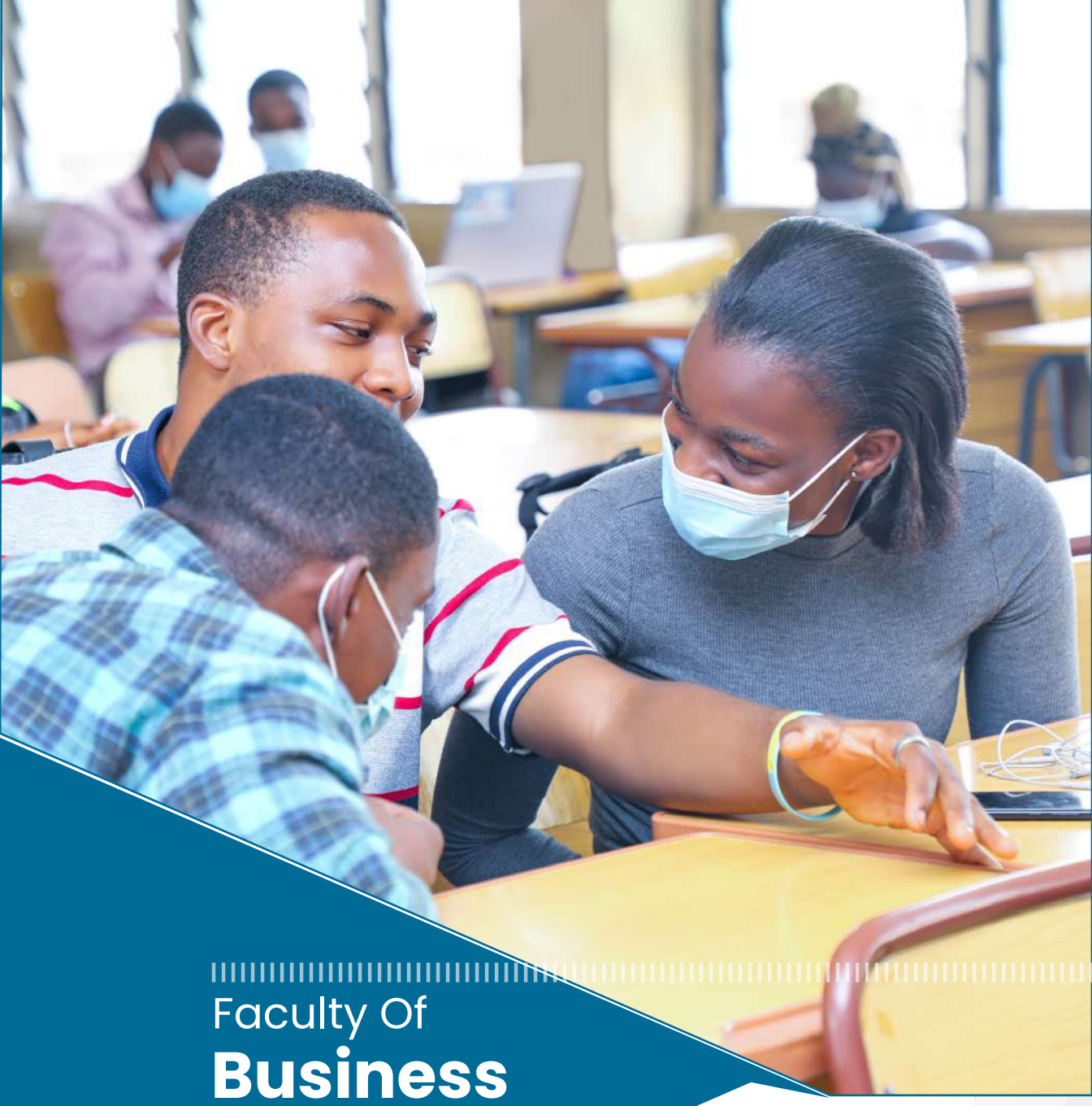
also went through the final stage for the accreditation process of the B.tech in Public Relations with Digital Communication programme. The programme is expected to commence in the next academic year.

6.0. Research Publications for 2020-2021

1. **Owusu-Ansah, V. (2020)**. Elision in Esahie. Ghana Journal of Linguistics, 9(2), 22-43.
2. **Owusu Ansah, V. (2021).** Morphophonology of Reduplication In Esahie. Journal of West African Languages.8.2, 21-33.
1. **Gyebi, B. E. A.,** Annan, R. A., Apprey, C., Asamoah-Boakye, O., & Asare, C. Y. **(2020).** Knowledge, attitude, and practices (KAP) of foodservice providers, and microbial quality on food served in Kumasi. Journal of Foodservice Business Research, 1-18.
   Scopus Index, Publisher: Taylor and Francis
2. Afriyie, E. O., **Twumasi, A.,** Sarpong, E., & Opare, L. D. **(2020)**. The effect of compensation on employees' performance: A case of a technical university in Ghana. International Journal of Managerial Studies and Research (IJMSR), 8(6), 44-54.
3. **Graham, L. D. (2020).** Exploring the product development in beetroot for production purposes. Researchjournali's Journal of Agriculture, 7(3), 1-8.
4. **Okai-Mensah, C. K.**, Howard, E. K.,**(2022).** Adoption of Sustainability Practices by Textiles Firms: implications for competitiveness, Springer, Cham, 430-442, DOI:10.1007/978-3-030-90973-4_36.
5. **Okai-Mensah, C. K.**, Howard, E. K., & Osei, M. A. **(2021).** Implementation of Design Thinking and Innovation Strategies by Ghanaian Companies: A Case of CPC. In Applied Research Conference in Africa, Springer, Cham. 43-56, Doi.org/10.1007/978-3-030-68836-3_5

7.0. Research Grants

One research grant of GHC 20,000.00 was won from ARIF Fund of the University for the Faculty in April, 2021.The project is titled 'Development of Garment Size Chart for Ghanaian school children using Anthropometric Statistics for Production Management Strategies'. The principal investigator is from the department of FDT. An initial and second phase amount of GHC 5,000.00 each (10,000 in total) has been received and the project is progressing steadily.



Faculty Of **Business**

Faculty Of Business

1.0. Introduction of the Faculty

The Faculty of Business provides training for students in areas of marketing, finance, procurement and management. Its pre-tertiary programmes include diploma in business studies. It is the biggest faculty in terms of student numbers and experienced faculty. The faculty is poised to introduce degree programmes, having successfully secured accreditation for Accounting Analytics. Accreditation for Bachelor of Technology degrees in Marketing, Logistics and Transport have reached an advanced stage. The Faculty has four (4) departments made-up of:

1. *Marketing*
2. *Accounting and Finance*
3. *Procurement and Supply Chain Management and*
4. *Management and Public Administration.*

2.0 Academic Programmes Offered by the Faculty of Business

The four (4) Departments under the Faculty of Business, offers numerous accredited programmes for students training summarized in the table below:

DEPARTMENT	PROGRAMME	REMARK
MARKETING	3-year Higher National Diploma in Marketing	Running
	2-year Top-up in Bachelor of Technology Degree in Marketing	Running
	4-year Bachelor of Technology Degree in Marketing	Administrative approval
	2-year Diploma in Business Studies Marketing option	Running
ACCOUNTING AND FINANCE	3-year Higher National Diploma in Accountancy Studies	Running
	2-year Top-up Bachelor of Technology Degree in Banking and Finance	Running
	2-year Top-up Bachelor of Technology Degree in Accounting	Running
	2-year Diploma in Computerized Accounting	Running
	2-year Diploma in Banking Technology	Running
	4-year Bachelor of Technology Degree in Accounting and Finance Analytics	Running
	2-year Diploma in Business Studies Accounting option	Running
PROCUREMENT AND SUPPLY CHAIN MANAGEMENT	3-year Higher National Diploma in Purchasing and Supply	Running
	2-year Top-up in Bachelor of Technology Degree in Procurement and Supply Chain Management	Running
	4-year Bachelor of Technology Degree in Logistics and Transport	Pending approval by GTEC
	2-year Diploma in Business Studies Purchasing and Supply option	Running

DEPARTMENT	PROGRAMME	REMARK
MANAGEMENT AND PUBLIC ADMINISTRATION	3-year Higher National Diploma in Secretaryship and Management Studies	Running
	3-year Higher National Diploma in Bilingual Secretaryship and Management Studies	Running
	2-year Top-up in Bachelor of Technology Degree in Secretaryship and Management Studies	Running
	2-year Diploma in Business Administration	Running
	2-year Diploma in Business Studies Secretarial option	Running
	2-year Diploma in Business Studies Management option	Running

3.0. Staff Strength of the Faculty of Business

Currently, the staff strength of the faculty is about eighty-one (81), which includes both full and part-time faculty members and research fellows. The departmental distribution of the academic staff as well as the administrative based on their ranks is summarized below:

Category	Rank	DEPARTMENTS				
		Procurement and Supply Chain Management	Accounting and Finance	Management and Public Administration	Marketing	Faculty Office
Academics	Full/Assoc. Prof	1	1	-	-	-
	Senior Lecturers	5	5	2	5	-
	Lecturers	5	13	11	10	-
	Assistant Lecturers	5	2	2	3	-
	Technicians	-	-	1	-	-
Administrative	Snr. Assistant Registrars	-	-	1	-	1
	Assistant Registrars	1	1	1	1	-
	Junior Assistant Registrars	1	-	-	-	-
	Senior Staff	-	1	1	1	-
	Junior Staff	-	-	-	-	-
TOTAL		**18**	**23**	**19**	**20**	**1**
OVERALL TOTAL = 81						

4.0. Presentation of Students Statistics

The graduands' statistics for the faculty of Business in Bachelor of Technology (BTech), Higher National Diploma and Diploma programmes for the year 2020/2021 academic year are shown below:

A) BTECH

FACULTY	DEPARTMENT	PROGRAMMES	BTECH GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
FACULTY OF BUSINESS	Marketing	BTech Marketing	7	49	20	0	76	5	81
	Accounting and Finance	BTech Banking and Finance	2	0	0	0	2	1	3
		BTech Accounting	17	69	4	0	90	0	90
	Procurement and Supply Chain Management	BTech Procurement and Supply Chain Management	1	92	76	4	173	21	194
	Management and Public Administration	BTech Secretaryship and Management Studies	3	29	8	0	40	0	40
	SUB-TOTAL		**30**	**239**	**108**	**4**	**381**	**27**	**408**

B) HND

FACULTY	DEPARTMENT	PROGRAMMES	HND GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
FACULTY OF BUSINESS	Accounting & Finance	HND Accountancy	11	150	169	35	365	175	540
	Marketing	HND Marketing	8	127	168	10	313	69	382
	MPA	HND Bilingual Secretaryship	1	24	11	1	37	0	37
	Management and Public Administration	HND Secre-taryship and Management Studies	4	119	85	1	209	0	209
	Procurement & Supply Chain Mgt.	HND Purchasing and Supply	1	123	212	16	352	189	541
	SUB-TOTAL		**25**	**543**	**645**	**63**	**1276**	**433**	**1709**

C) Diploma

FACULTY	DEPARTMENT	PROGRAMMES	DIPLOMA GRADUATION DATA 2021						
			1st C	2nd CU	2nd CL	Pass	Tt Aw	Tt Not Aw	Total
	ACCOUNTING & FINANCE	Diploma in Computrised Accounting	3	29	7	0	39	11	50
		Diploma in Banking Technology and Accounting	2	9	4	0	15	5	20
	MPA	Diploma in Business Administration	2	51	48	0	101	0	101
	SUB-TOTAL		**7**	**89**	**59**	**0**	**155**	**16**	**171**

6.0. Research Publications

1. **Doumbia, M., O.,** Awudu, I., Yakubu., and Al Ganideh, S., F. **(2021)**. The impact of information sharing on organisational performance: Practices and Organisational performance: A supply chain Perspective. International Journal of Business Performance and Supply Chain Modelling. (Forthcoming 2021) Meets SoB Quality Standards: Listed in Cabell's, 21% Acceptance Rate, CCI 32% in Management. Double Blind Peer Review (QU affiliation).
2. **Doumbia, M.**, O., Awudu, I., Yakubu, M., and Gonela, V. **(2020)**. Pharmaceutical Supply Chain Management Practices and Organisational performance: A Ghanaian Perspective. International Journal of Information Systems and Supply Chain Management.
3. Hu, X., Danso, B. A., Mensah, I. A., & **Addai, M. (2020).** Does innovation type influence firm performance? A dilemma of star-rated hotels in Ghana. Sustainability, 12(23), 1-27. Web of Science Core Collection: Science Citation Index Expanded, Social Sciences Citation Index, Scopus Index
4. **Addai, M.**, Hu, X., Spio-Kwofie, A., **Ocloo, C.E.** & Musah, A.I. **(2020).** Impact of the Interactive Mechanism between Resource Transfer and Absorptive Capacity on Innovation Performance: Evidence from two Ghanaian Automobile Clusters. [Accepted and in press: European Journal of International Management. DOI:10.1504/EJIM.2020.10024842]. Web of Science Core Collection: Social Sciences Citation Index, Scopus Index.
5. Boohene, R., **Appiah-Gyimah, R**., & Osei, M. B. **(2020)**. Social capital and SME performance: the moderating role of emotional intelligence. Journal of Entrepreneurship in Emerging Economies, 12(1) Economies, 79-99. Web of Science Core Collection: Emerging Sources Citation Index
6. Asiamah, N., **Opuni, F. F.**, Mends-Brew, E., Mensah, S. W., Mensah, H. K., & Quansah, F. **(2020).** Short-term changes in behaviors resulting from COVID-19-related social isolation and their influences on mental health. Community Mental Health Journal, 56(4)1-14. Web of Science Core Collection: Emerging Sources Citation Index, Scopus Index
7. Asiamah, N., **Opuni, F.F.,** Aggrey, M., Adu-Gyamfi, K. **(2020).** ADAPTED SERVQUAL: A Health Service Quality Scale Incorporating Indicators of Sanitation and Hygiene. Quality Management in Health Care, 29(3) Web of Science Core Collection: Science Citation Index Expanded, Social Sciences Citation Index, Scopus Index
8. **Ocloo, C.E**., Hu, X., Ocloo, Akaba, S., & Worwui-Brown, D. & Junguo, S. **(2020).** The determinants of business-to-business e-commerce adoption in small and medium-sized manufacturing enterprises. Journal of Global Information Technology Management, 23(3), 191 – 216. Web of Science Core Collection: Social Sciences Citation Index, Scopus Index
9. **Addai, M.**, Hu, X., Spio-Kwofie, A., Ocloo, C.E. & Musah, A.I. **(2020)**. Impact of the interactive mechanism between resource transfer and absorptive capacity on innovation performance: Evidence from two Ghanaian automobile clusters.

European Journal of International Management, (Accepted and in press). Web of Science Core Collection: Social Sciences Citation Index, Scopus Index

10. **Ocloo, C.E.**, Hu, X., Ocloo, Akaba, S., & **Worwui-Brown, D.** & Junguo, S. **(2020).** The Determinants of Business-to-Business E-commerce Adoption in Small and Medium-sized Manufacturing Enterprises. Journal of Global Information Technology Management, 23(3), 191 – 216. Web of Science Core Collection: Social Sciences Citation Index, Scopus Index
11. Bunyaminu, A., Yakubu, I., N., & **Shani, B. (2021).** The Effect of Financial Leverage on Profitability: An Empirical Analysis of Recapitalized Banks in Ghana. International Journal of Accounting & Finance Review 7(1):93-102. ABDC Journal Quality List
12. Bunyaminu, A., **Shani B.,** Amadu., M., Yakubu, I.N., Iddrisu, A.H **(2021).** The Effect of Financial Leverage on Profitability: An Empirical Analysis of Recapitalized Banks in Ghana Academy of Accounting and Financial Studies Journal Volume 25, Issue 3, ABDC Journal Quality List, Scopus Index, Scimago index



Library

Library

1.0. Introduction

The Library is one of the academic departments that provide support to the Technical University. Its prime objective is to provide high-quality, relevant and up-to-date information resources in both print and soft formats to support the curriculum of the University. As an integral part of academic activities, the library ensures that students, faculty and staff in particular are provided with a serene learning and research environment where they can explore, acquire and create new knowledge for the benefit of society.

2.0. Staff Strength

The staff strength of the University Library is 19. Out of this, six are senior members, nine are senior staff and five are junior staff.

Categories of staff	Number of Staff
Senior members	
University Librarian	1
Assistant Librarian	2
Junior Assistant Librarian	3
Total	**6**
Senior staff	
Chief Library Assistant	1
Principal Library Assistant	5
Senior Administrative Assistant	2
Senior IT Assistant	1
Total	**9**
Junior staff	
Junior Library Assistant	4
Total	**4**

3.0. Activities/ Achievements

1. Collection Development and Management

Pursuant to the strategic objective of the University, the library relies largely on the expertise and experience of faculty and subject specialists to outsource quality materials to support the University's mission. Currently, the total print collection stands at fifteen thousand volumes (15,000). Newspapers are also available at the Library from the year 2008 to date. Varieties of journals are also part of the Library's collection.

2. Donation

- About three (3) copies of the reports for the 2019 edition of National Cyber Security Awareness Month (NCSAM) was received 12th May, 2021
- Two books titled "Contemporary Business Imperatives in a Developing Economy was received on 26th May, 2021 by the library from the Vice Chancellor. The books were donated to him by the authors Dr. Appiah-Adu and H.E. Dr. Mahamadu Bawumia
- The Library received donation of bounded newspaper (Daily Graphic, Ghanaian Times, Mirror, Spectator and other private newspapers from Centre for Democrat Development (CDD) on 28th May, 2021.
- Two (2) copies of the Maiden edition of The Parliamentary Diplomat was received on 29th June, 2021 by The Parliamentary Service of Ghana
- Another 22 publications were also received from Audit Service on 30th July, 2021
- Multiple titles of various disciplines were received from Prof. Nii Attoh Okine on 3rd August, 2021
- Received of books from The McDan Group donating twenty copies of "The Path of an Eagle" by the Author Daniel McKorley on 13th September,2021

3. Ground Subscription and Usage

E-Resources

Electronic resources form the greater part of the library's collection. The library collaborates with the Consortium of Academic and Research Libraries in Ghana (CARLIGH) to provide seamless access to many cost-effective scholarly resources in electronic formats, spanning all disciplines, to support teaching, learning and research. The E-resources among others include thousands of high impact e-journals from publishers such as Emerald, Sage, Cambridge Academy Press, Taylor & Francis, Ebscohost Complete, Wiley Blackwell, Project Muse, World Bank E-Library, Multi-Science and IEEE. Currently, an EZ-Proxy software has been installed to grant faculty, students and staff access to the e-resources from off-campus.

The following E-books are also available on our website:

i. Mathematics and Statistics
ii. Engineering, Physics and Chemistry
iii. Business Management
iv. Computing and ICT
v. Medicine
vi. Energy Management & Environmental Studies

4. Institutional Repository

Establishing an Institutional repository to archive Accra University's scholarly output (ongoing)

5. Information And Document Delivery

The Library provides the following services to the ATU community

i. Reference and Research Support
ii. Literature search
iii. Online Resource
iv. Book Lending
v. Selective Dissemination of Information
vi. Inter-Library Loan

6. Training Services

Training Programmes for Staff

i. Circulation Model Training on 12th January, 2021
ii. In-Service Training on 21st and 24th May 2021 on the topics Reference Management Tools and Client Service and Shelving.
iii. Team building Training on the 28th -30th September 2021

7. Information Literacy Programme to Faculty Members and Students

In order to enhance information literacy for Academic success and lifelong learning, the Library has been organizing information literacy programmes for both students and faculty members.

8. Webinar seminar series

A Series of successful webinars have been organised by the Library through the facilitation of the Webinar Committee in the Library.

The following are some of the knowledge sharing seminar series organised by the University library in 2021

- The third edition was held on March 4th, 2021 with the topic Trends in Academic Writing and Publishing in an ongoing pandemic. Our guest speakers included Prof. Samuel Nii Odai, Vice Chancellor, Accra Technical University, Dr. Florence Plockey Librarian Accra Technical University and Dr. Mac-Anthony Cobblah, Librarian, University of Cape Coast
-

- The 4th edition was organised on May 27th, 2021 with the topic Webinar series seminar with sub-topics for each guest speaker from various institutions. The guest speakers were Prof. Robert Awuah Baffour, Faculty of Engineering, University of Georgia, and Athens, USA. Prof. Felix Kutsenadzie, faculty of Engineering Accra Technical University and the Host Prof. Amevi Acakpovi, the Pro Vice Chancellor, Accra Technical University.
- The 5th edition was on June 15th, 2021 with the title 5th Webinar series Seminar with sub-topics for each guest speaker from the University of Maryland, Eastern Shore, USA. The guest speakers were Prof. Rexford Baidoo and Prof. Iddrisu Awudu.
- 6th Edition of ATU Library webinar series Seminar on the theme "Trends in Academic Writings and Publishing in an ongoing Pandemic was organised on 6th October 2021
- 7th Edition of ATU Library webinar series Seminar on a topic "Overcoming Top Barrier to Academic Progress: Art of wasting away & Academic Witchcraft on 17th November 2021

9. ICT Services

The main purpose of the IT Unit of the Library is to assist the University librarian in increasing the visibility of the library in a manner that will enhance teaching, learning and research and at the same time empower student skills in other means. The IT Unit have helped in these areas;

i. Setting up social media handles;
a. Facebook – 865 followers
b. Instagram – 205 followers
c. YouTube – 526 subscribers

ii. Increasing the research knowledge base of students and faculty members;
a. The IT Unit of the Library early this year created the "ATU Library Tutorial Series" which involves recorded videos on how to use the library resources effectively and efficiently, how to organise ones research work from citations to references, using reference management software among others.

iii. Empowering Student Skills
a. The IT Unit of the Library initiated the creation of Microsoft Learning Student Ambassadors on ATU campus. These ambassadors are given free tutorials with certification from Microsoft. The student, after being trained by Microsoft, organises meet up for ATU students as a means of impacting the knowledge learnt to them. Currently, these ambassadors have two meet-ups to their credit which can downloaded from the Library's YouTube channel.

iv. Training and providing assistance in the usage of Turnitin Software

v. Providing remote services in demanding for books or article downloads. The IT Unit has set up a form on the library's Opac System where students and faculty

members can easily place a download request via the form to be looked at. In situations where one finds it difficult to access the forms, he or she can communicate with the library through our whatsapp number 0594974787.

4.0. Publication

1. 1Plockey, Florence Dedzoe-Dzokotoe Mrs.; Yembil, Charlotte; and Konlan, Banleman, (2020). "Challenges 1to Building Synergy between Indigenous Knowledge and Academic Libraries in Ghana" Library Philosophy and Practice (e-journal). 4186. https://digitalcommons.unl.edu/libphilprac/4186



DIRECTORATE OF INTERNATIONAL PROGRAMMES AND INSTITUTIONAL COOPERATION (DIPIC)

(DIPIC)

DIRECTORATE OF INTERNATIONAL PROGRAMMES AND INSTITUTIONAL COOPERATION

1.0. Introduction

The Directorate of International Programmes and Institutional Cooperation (DIPIC) was established in accordance with ATU Statutes. The mandate of the Directorate is to handle all academic linkages both local and international on ATU's behalf. Though a fledgling directorate, it has made great strides. An example is the successful inauguration of the International Student Association during the 2020/2021 academic year. As part of its aims, the directorate works to improve upon International students and staff experience on campus. This drives the directorate to provide excellent services for its stakeholders which contributes to the visibility of the University.

Additionally, the directorate was successful in organizing joint exchange programmes with The Hague University of Applied Arts, University of Delaware, USA, and Hochschule Bonn-Rhein-Sieg University of Applied Sciences and Koln University of Applied Sciences in Germany.

1.0. Staff Strength

The staff strength of the Directorate stands at (3) three. This consists of a Dean, Assistant Registrar, and Senior Administrative Assistant. The list below consists of the names and designation of the staff in the Directorate;

Categories of staff	Number of Staff
Senior members	
The Dean	1
Assistant Registrar	1
Senior staff	
Senior Administrative Assistant	1
Total	**3**

2.0. Directorate's Activities/ Achievements

1. ATU – MSM Nuffic Funded Tailor-Made Training programmes

ATU and Maastricht School Management won a grant on Developing ATU staff competencies to design a commercial agri-business course targeted at female entrepreneurs. The project is expected to run for one (1) year.

2. Malta College of Applied Sciences and Technology (MCAST)

A general MOU was signed by Vice-chancellor of MCAST at Movenpick in March 2020. After the signing of the MOU, the Directorate followed up with two proposals.

i. The first proposal is from the Directorate and it is on the Training of Trainers in Entrepreneur. The Directorate believes that this program will make it possible for ATU to contribute well in faculty exchange and other collaborations with MCAST. It will also improve the way we impart knowledge to our students, making them become entrepreneurs or more marketable graduates.

ii. A second proposal came from The Faculty of Engineering and they were interested
in co-running two academic programs;

- MCAST Master of Science in Mechatronics on ATU Campus.
- Adopt and run some 2-years Diploma programs from the MCAST Institute of Transport and Engineering including the followings:

a. Diploma and Advanced Diploma in Heating, Ventilation, and Air-Conditioning
b. Diploma and Advanced Diploma in Welding and Fabrication

The Directorate has submitted these proposals and the two universities are to meet to discuss the implementation. However, because of the outbreak of the COVID 19 pandemic, the two proposals have stalled.

3. The Hague University of Applied Sciences Joint Exchange Programmes with ATU

- The program titled Cross Country Cultural Marketing Communication, was jointly developed and implemented by the two Universities. The ATU team was made up of lecturers from Marketing Department coordinated by DIPIC.
- At the implementation stage, students from both universities were put into four groups. Each group is made up of two THUAS students and two ATU students.
- At the end of the project, each group was expected to come up with a product or prototype product of their project. (2021).
- The students were thought, coached, and mentored by lecturers from both universities for three months. Students were contacted using zoom and Microsoft teams.
- Department of Marketing has an ongoing joint program with our partners. The program is jointly developed by faculty lecturers from ATU and THAUS. Students from the two universities parted in groups of four and were expected to come up with a prototype product of their group project after a series of coaching and mentoring. The success of the project in the first semester resulted in another project with the Department of Procurement and Supply Chain. It also ended well, students have been awarded certificates. Currently, the Department Management and Public Administration of ATU and THUAS are developing the curriculum for a similar joint academic program. The Directorate together with THUAS is submitting a proposal for ERASMUS mobility exchange for faculty members and students of ATU.

4. University of Delaware

ATU and the University of Delaware were able to organise three (3) successful webinar series:

- 26th Oct 2020 – Society 5.0 Going beyond Industrial Revolution
- 18th Nov 2020 – Achieving Excellence in a University: The importance of Research and Publishing
- Cyber security seminar in June 2021 at ATU

Additionally, a number of books were donated to ATU in 2021 by the University of Delaware.

5. University of Huddersfield and Bolton University

University of Huddersfield and Bolton University as UK partners with ATU as Africa partner together collaborated for a British Council grant of 100,000 pounds. The project title is Enhancing Graduate Employability in Ghana: Embedding Social Enterprise skills within the Higher Education framework. The project is currently at the

implementation stage and is expected to come to an end in August 2022.

6. Sustainable Energy Centre: Millennium Development Authority (MiDA)

ATU in collaboration with MiDA and Development Environergy Services Limited (DESL) is carrying the following;

- Train sustainable Energy management professionals
- Provide Energy Audit Services to Government, commercial, and industry clients
- The Department representing ATU is the Electrical and Electronics Department.

7. Hochschule Bonn-Rhein-Sieg University of Applied Sciences and Koln University of Applied Sciences

As part of the scheduled activities of the Partnership for Applied Sciences (PASS) for the year 2018, Accra Technical University was invited to a special workshop mainly on Entrepreneurship and Business Incubation at the Bonn-Rhein-Sieg University of Applied Sciences, Cologne University of Applied Sciences, and International University in Germany. The objective of the workshop was to transfer best practices relating to entrepreneurship and business incubation from the German perspective to the selected universities in Ghana. Besides, the workshop considered grounds for a possible extension of the PASS project, documentation of lessons learned, and way forward. The team was taken through several business incubation initiatives. Additionally, some discussions were held with IUBH for possible collaboration on running postgraduate programs.

Also as part of the PASS project is the staff and student mobility support. Accra Technical University is to send two students and two faculty members to Koln University of Applied Sciences for weeks between March – June 2022. So far the directorate has been able to start the selection process for the students in collaboration with our partner in Koln.

8. Plans of the Directorate

The Office intends to increase the population of International students on campus and improve faculty members' and students' experience by;

a. Creating more opportunities for faculty members and students to study abroad.

b. Creating more opportunities for collaborations and partnerships that would be beneficial to the University.

c. Developing programmes on internationalization as optional for students

Office Of The Dean Of
Student Affairs

1.0. Introduction

The Office of the Dean of Students' Affairs is responsible for planning, coordinating and implementing variety of programmes and services aimed at assisting students to excel in their academic pursuit and personal lives. The office acts in "loco parentis", typically referring to a person who assumes parental status and carries out the obligations of a parent to a child with whom may have no legal or biological connection. In acting in loco parentis, the office secures the welfare of all students by collaborating with all key offices to render quality services.

2.0. Organisation of the Dean's Office

i. Main Office

The office has two established units, thus, the Students' Affairs and the Students' Financial Support Services. The office also has oversight responsibility over the Guidance, Counseling and Career Development Directorate, the University's Clinic, the Sports, Recreation and Leisure Unit, the University's Hostels and the Students' Representative Council (SRC).

ii. Guidance, Counselling and Career Development Directorate

The Guidance, Counselling and Career Development directorate is manned by a Director an Assistant Guidance and Counselling Officer and a Senior Administrative Assistant. Both Staff and Students are provided confidential counselling services on cases relating to academia, harassment, drug /substance abuse, social problems, emotional problems, financial difficulties among others. Due to the COVID-19 pandemic, the directorate re-strategized to hold virtual workshops for the students and interested staff members on pertinent counselling issues such as HelpSeeking during a Pandemic, Achieving Academic Success among others. Again, in collaboration with the office of the Dean of Students' Affairs and the directorate of Public Affairs, the Directorate designed a flyer on 'Learning to Learn' sensitizing students on the art of learning to improve upon their grades.

iii. Sports, Recreation and Leisure Unit

The planning, coordinating and implementing of Sports and Leisure programmes and recreational and physical activities dwells within the mandate of the Sports, Recreation and Leisure unit. The unit, headed by a Chief Sports Coach and an I.T. Assistant, has chalked several successes at the frontline of elite sports among all the Technical Universities in Ghana from year 2016 to 2019, and the total number of medals won during the period is fifty-eight (58). These have made a name for the institution resulting in a massive contribution to the International and National Sports grade

iv. University Hostel

The University has two (2) hostels on its main campus namely the New and Old hostels managed by an Asst. Registrar and an Assistant Development Officer respectively and porters. The old hostel accommodates five hundred and twenty-two (522) students while the new hostel accommodates five hundred and twenty students (520). The entrance and ground floor of the new hostel is friendly to physically challenged students.

v. The Students' Representative Council (SRC) Affairs

The Students' Representative Council (SRC), led by both elected and appointed executive members, serve as the voice of the entire student populace in seeking the interest of all students in academic and extra-curricular activities. The council has been structured on three arms, named the executive committee, the general assembly and the judicial committee.

The LOCAT administration of the 2020/2021 academic year implemented several initiatives and have been lauded for achieving them despite the challenges faced in the delivery of their duties. Some notable achievements include:

- Distribution of free AirtelTigo SIM cards to all students to aid the Online Learning System enrolled. Production of a new SRC Cloth
- Formation of Accra Technical University SRC debaters club.
- Renovation of the University's Hostels.
- Creation of a Junior Common Room.
- Continuity of the "Boa Wo Nua" scholarship fund to support brilliant but needy ATU students.

Some notable events held were the Akwaaba Week Celebration, International Women's Day Commemoration, GNUTS Week Celebration, SRC Celebration, Women's Week Celebration, Entrepreneurial Training Session and a Maiden Debate.

3.0. The Dean's Office Staff Strength

The office is currently constituted by six (6) member of staff, that is, , of Students' Affairs, , a and an. 3.

Categories of staff	Number of Staff
Senior members	
The Dean	1
The Vice-Dean	1
Assistant Registrars	2
Total	**4**
Senior staff	
Senior Administrative Assistant	1
Administrative Assistant	1
Total	**2**

4.0. Activities/ Achievements for 2020/2021 Academic Year

The Office of Dean of Students' Affairs liaised with the National Service Scheme Secretariat and the Students' Representative Council to organise some of the programmes held in the academic year.

- Orientation for the 2021-2022 batch of prospective National Service Personnel in the University.
- Mid-term review session organised to assess the performance of both elected and appointed SRC executive members.
- Conduction of a free, fair and transparent SRC elections. SRC handing over held to ensure a smooth transition between the outgoing and incoming administrations.
- Leadership training series held orient the 2021/2022 academic year newly elected SRC executives.

- **University Clinic**

It is a clinical care unit of Accra Technical University that gives comprehensive health care to all students, staff and their dependents. The facility is licensed by the Health Facilities Regulatory Agency (HeFRA). The clinic is well-managed by a Locum Doctor, a Junior Assistant Registrar, a Principal Nursing Officer, a Chief Nursing Officer, a Senior Administrative Assistant, a Senior Medical Technologist, a Senior Laboratory Technologist, a Nursing Assistant, a Dispensing Technician and an Attachment Personnel. In line with its mandate to providing comprehensive healthcare, the facility organises medical screening for both fresh students and newly recruited staff. The clinic vaccinated some staff against the SARS Covid-19 and staff of the Hotel, Catering and Institutional Management Department against Hepatitis B.

4.1. Relationship with Outside Bodies, Students Leadership Affairs: GNUTS

The Ghana National Union of Technical Students is the official mouthpiece for all the Technical University and the Polytechnic students in Ghana seeking to promote the positive interest of students, defending their right and ensuring students' challenges are addressed amicably. The Union also ensures discipline amongst students, foster solidarity and fraternity amongst other sister institutions and organisations.

4.2. International Students Affairs

As has been the vision of the University to have a strong regional influence, it has a considerate number of international students from across the length and breadth of the continent of Africa. The wellbeing of these students are largely overseen by the Office of the Dean of International Programmes and Institutional Collaboration and the International Students' Association.

4.3. Students Housing and Residential Life

The University's main campus has only two hostels hence its inability to accommodate most of the student populace. However, there are several private hostels in the environs of the University providing a wide range of accommodation preferences. Though not all students are residents of the University's hostels, they belong to a Hall of residence.

4.4. Students Conduct and Discipline

The strategic oversight of conduct and discipline of all students in the University is under the provisions of the University's Statutes on disciplining junior members, the

students' handbook and the hostel tenancy agreement.

4.5. Students Affairs/Students Financial Services

The Students' Affairs Office is committed to ensuring the total well-being of every student. Thus they are provided with the best quality student experience while on campus.

Established under the Office of the Dean of Students' Affairs is the Students' Financial Support Services with the sole aim of exploring, soliciting and offering financial assistance in an effective, equitable and timely manner to all qualified applicants in these categories:

- Brilliant but needy students
- Female students in Science, Technology, Engineering and Mathematics (STEM)
- Students from less endowed schools
- Students with special talents

4.6. Chaplaincy Activities

There are nineteen (19) registered denominations under the umbrella of the Accra Technical University Students' Chaplaincy Board (ATUCB). They are duly recognized and given the necessary assistance after re-registering with the office within two (2) weeks of the beginning of both semesters of the academic year.



DIRECTORATE OF RESEARCH, INNOVATION, PUBLICATION, AND TECHNOLOGY TRANSFER (DRIPTT)

(DRIPTT)

DIRECTORATE OF RESEARCH, INNOVATION, PUBLICATION, AND TECHNOLOGY TRANSFER

1.0. Introduction

The Directorate of Research, Innovation, Publication, and Technology Transfer (DRIPTT) was established in Accra Polytechnic (now Accra Technical University) in the year 2010 initially as the Research and Innovation Centre headed by a Director. Other staff members of the Research and Innovation Centre included the Head of Research Department and Research Assistants.

Over the years, DRIPTT has aided ATU staff to engage in cutting-edge applied research in the fields of engineering, applied sciences, applied arts business, and technology to tackle environmental and other socio-economic challenges in the country. Academic Staff members in ATU have conducted innovative research and published their findings in high-impact journals. Additionally, some ATU academic staff are also cited in Google Scholar, and highly reputable research visibility databases/networks such as Web of Science and Scopus. It is the current mandate of DRIPTT to put in measures that will improve the research visibility, research impact, and national and international university rankings of ATU. DRIPTT comprises of the following departments:

- **Research Innovation and Grants (RIG) Department:** This Department is responsible for all research and innovation-related issues such as grants, proposals, and research result dissemination in terms of publications.

- **Commercialization and Technology Transfer (CATT) Department:** This Department is responsible for commercializing products, and innovations through exhibitions, conferences, patenting, etc.

2.0. Staff Strength

The current staffing in DRIPTT is as follows:

Categories of staff	Number of Staff
Senior members	
Director	1
Head of Department	1
Assistant Research Fellow	1
Senior staff	
Senior Research Assistant	2
Senior Admin. Assistant	1
Total	**6**

3.0. Directorate's Activities/ Achievements

DRIPTT is committed to ensuring that applied research in ATU is conducted most effectively and efficiently by providing the needed support services and by extension, identifying, developing, and protecting ATU's intellectual property and promoting technology transfer with the public and private sector.

The mission of DRIPTT is to provide effective and efficient research and innovation support services that are consistent with world-class universities to staff and students in ATU.

The core functions of DRIPTT include the following:

- Sourcing for funding for academic research, inventions, and other innovative activities.
- Assisting staff to write proposals to source for funding (either internally or externally) for research projects or activities.
- Informing staff and students about research opportunities.
- Organising workshops and seminars on how to plan, conduct, publish and present their research results and innovations.
- Providing a platform for presenting research, inventions, and other innovative findings to the public.

Details of some of the research activities are tabulated below:

Research Activity	Participants	Stakeholders/Speakers
Monday, 23rd February, 2021 Webinar on Data Privacy – First Semester, 2020/2021	All ATU Staff	Emmanuel Gadasu, Data Protection Officer, Institute of ICT Professionals, Ghana.
Tuesday, 23rd February 2021 ATU Research Growth and Expansion(Internal Research Seminar/ Workshop) – First Semester, 2020/2021	Faculties of Engineering and Built Environment	**Panel Members** **1. Prof. Samuel Nii Odai** (Vice-Chancellor) 2. Prof. Felix Kutsanedzie (Ag. Dean, FoE) 3. Mr. Seth Allotey (Ag. Dean, FoBE) **Facilitator:** Dr. Nana Yaw Asabere (Director, DRIPTT) **Presentations** **Presentation 1:** Research Impact and Visibility in ATU (Dr. Nana Yaw Asabere, Director-DRIPTT) **Presentation 2:** Grants and Research Funding (Prof. Amevi Acapkovi, Pro VC)
Thursday, 25th February 2021 ATU Research Growth and Expansion (Internal Research Seminar/ Workshop) – First Semester, 2020/2021	Faculties of Applied Sciences and Applied Arts	**Panel Members** **Prof. Samuel Nii Odai** (Vice-Chancellor) **Prof. Alice Constance Mensah** (Ag. Dean, FoAS) **Mrs. Vivian Biney-Aidoo** (Ag. Dean, FoAA) **Facilitator:** Dr. Nana Yaw Asabere (Director, RIPTT) **Presentations:** **Presentation 1:** Research Impact and Visibility in ATU (Dr. Nana Yaw Asabere, Director-DRIPTT) **Presentation 2:** Grants and Research Funding (Prof. Amevi Acapkovi, Pro VC)

Research Activity	Participants	Stakeholders/Speakers
Friday, 26th February 2021 ATU Research Growth and Expansion (Internal Research Seminar/ Workshop) – First Semester, 2020/2021	Faculties of Business	**Panel Members** 1. Prof. Samuel Nii Odai (Vice-Chancellor) 2. Dr. Bashiru Shani (Ag. Dean, FoB) 3. Dr. Florence Plockey (University Librarian) **Facilitator:** Dr. Nana Yaw Asabere (Director, RIPTT) **Presentations:** **Presentation 1:** Research Impact and Visibility in ATU (Dr. Nana Yaw Asabere, Director-DRIPTT) **Presentation 2:** Grants and Research Funding (Prof. Amevi Acapkovi, Pro VC)
Thursday, 11th March – Friday, 12th March, 2021 ATU Research Growth and Expansion (External Research Seminar/ Workshop) – First Semester, 2020/2021	Faculty of Business	**Presentation 1:** Publishing Academic Papers: The Thrills and Spills (Prof. Kwasi Dartey-Baah, UG Business School) **Presentation 2:** Research Collaboration: Wisdom vs. Folly (Dr. George Amoako, Department of Marketing, UPSA)
Thursday, 18th March – Friday, 19th March, 2021 ATU Research Growth and Expansion (External Research Seminar/ Workshop) – First Semester, 2020/2021	Faculties of Applied Sciences, Applied Arts, Engineering and Built Environment	**Presentation 1:** Significance of Publications (Prof. Kwabena Biritwum Nyarko, Department of Civil Engineering, KNUST) **Presentation 2:** Grants and Research Funding (Prof. Kwabena Biritwum Nyarko, Department of Civil Engineering, KNUST)

Research Activity	Participants	Stakeholders/Speakers
Tuesday, 6th July, 2021, Thursday, 8th July, 2021, and Tuesday,13 July, 2021, respectively ATU Research Growth and Expansion (External Research Seminar/ Workshop) – Second Semester, 2020/2021	Faculties of Engineering and Built Environment Faculties of Applied Sciences and Applied Arts Faculty of Business	**Presentation 1:** ATU Author and Publication Guidelines (Dr. Nana Yaw Asabere, Director - DRIPTT) **Presentation 2:** Capstone Project Work and How to Publish a Manuscript (Prof. Robert A. Baffour, University of Georgia, USA)
Friday, 16th July, 2021 ATU Research Growth and Expansion (External Research Seminar/ Workshop) – Second Semester, 2020/2021	All Faculties	Academia – Industry Dialogue **Panel Members** 1. Prof. Robert A. Baffuor University of Georgia, USA) 2. Prof. Amevi Acapkovi (Pro Vice-Chancellor) 3. Prof. Felix Kutsanedzie (Ag. Dean, FoE 4. Ing. Kwaku Asmah (Process and Plant Automation) **Facilitator:** Dr. Nana Yaw Asabere (Director, RIPTT)

4.0. ATU Research and Innovation Fund (ARIF)

1. The first call for ARIF (2020) was launched in February 2020 by the Vice-Chancellor, with the core mandate of enhancing multidisciplinary, action-based research to contribute towards building the necessary technical and vocational capacity for the development of Ghana and Africa at large. The establishment of the fund was driven by the desire of Accra Technical University (ATU) to contribute to the reduction of poverty and the improvement of the livelihoods of Ghanaians.
2. Currently, the total amount for ARIF is Gh₵ 20,000.
3. The second call for ARIF (2021) was launched in February, 2021. Twenty (21) concept notes were received and evaluated after the stipulated deadline.
4. The summary of full proposals received since the launch of ARIF in 2020 is depicted in Tables 1 and 2.

(QAAP)

DIRECTORATE OF QUALITY ASSURANCE AND ACADEMIC PLANNING

1.0. Introduction

The Quality Assurance and Academic Planning Directorate works to ensure quality as it relates to the trifocal functions of a University (teaching, research, service) and the attendant support infrastructure in order to serve the students and other stakeholders in expected quality standards. The directorate ensures proper management of statistical data on students, staff and physical facilities of the institution and submit regular data to the regulators (Ghana Tertiary Education Commission - GTEC and Commission of Technical Vocational Education and Training - CTVET). It also monitors and evaluates the activities in the strategic plan and coordinates accreditation of programmes and institutional review.The Directorate is made up of three Departments, namely:

1. *Department of Quality Assurance*
2. *Department of Planning*
3. *Department of Accreditation*

2.0. Staff Strength

The current staffing of the Directorate is as follows:

Categories of staff	Number of Staff
Senior members	
The Director	1
Head of Departments	3
Head of Unit	1
Assistant Planning Officer	1
Total	**6**
Senior staff	
Chief Planning Officer	1
Senior Administrative Assistant	1
Administrative Assistant	1
Total	**3**

3.0. Directorate Activities and Achievements For 2021

The activities of the directorate during the 2020/2021 academic year are categorised under the various Departments:

3.1. Quality Assurance Department

The Department under the period of review carried out the following major activities:

3.1.1. Training and Capacity Building for Effective Teaching and Learning:

- Training of Faculty Members on Learning Management System (LMS): 11th – 15th January, 2021.
- Training and Orientation of Lecturers/Instructors of School of Ordnance, Ghana Armed Forces: 25th – 26th January, 2021.
- Training and Commission of COVID-19 Preventive Marshals: 16th February, 2021
- Collaboration with the Human Resource & Organisational Development Directorate to organised recruitment examination for security staff: 8th - 9th March, 2021

- Collaborated with the Human Resource & Organisational Development Directorate to organised Orientation programme for newly appointed Deans, Directors, Heads of Department and newly recruited staffs: 23rd -25th March, 2021
- Virtual Training by International Finance Corporation (World Bank) – Employability Assessment Support for Technical Universities on Constructive Alignment – Curriculum and Industry led by Valerie Lopes on 19th and 20th May, 2021 from 11.30am – 1.30pm.
- Virtual Training by International Finance Corporation (World Bank) – Employability Assessment Support for Technical Universities on Program Advisory Committees led by Dr. Peter Constantinou on 25th – 27th May, 2021 from 11.30am – 1.30pm.
- Virtual Training by International Finance Corporation (World Bank) – Employability Assessment Support for Technical Universities on Career Services led by Irina – Zilbergleyt, Director of Advising and Education at Talent & Careers, IE University on 23rd June, 2021.

3.1.2. Vetting of Scripts

- Vetted Sampled Marked Scripts for the academic year for BTech, HND, Diploma programmes in Accra Technical University and School of Ordnance, Ghana Armed Force (an affiliate of ATU).
- Coordinated the verification of second semester HND and Diploma final year marked scripts by C-TVET.

3.1.3. Monitoring of Online and In-person Teaching and Learning Activities

Due to the COVID-19 pandemic and the high students population because of the free-SHS policy, the University have adopted the blended learning methodology for teaching and learning. The Quality Assurance and Academic Planning Directorate monitored and reported on the 0nline and in-person teaching and learning activities on 12th August, 2021. The report catalogued the upload of course contents and assignments on the learning management system (LMS) and organisation of virtual classes using zoom technology by Lecturers.

3.1.4. Evaluation of Lecturers and Courses by Students

The Directorate conducted online evaluation of lecturers and courses by students for the second semester for the 2020/2021 academic year from the 9th to 20th August 2021. The questionnaire included questions on course content, lecturers' attendance, mode of delivery, lecturers' interpersonal skills, assessments, class sizes, facilities, resources and usefulness of course.

A report on the evaluation was submitted to Management, the Academic Deans and Heads of Departments for further action. Evaluation reports for each lecturer were printed, endorsed and delivered to individual lecturers in all Departments.

3.1.5. Quality Audit of the Environment, Old Hostel and Canteen

The Support Services Unit of the Directorate submitted reports after carrying out quality audit of the Environment and Sanitation Department to ensure its readiness in creating a conducive environment for teaching and learning. Inspection of the Old Hostel facility of the main campus and the canteen was undertaken to ensure conducive conditions, safety and good hygiene practices.

3.2. Planning Department

- Proposal on the change in Structure of Lecture Timetable for 2020/2021 Academic Year
- Mounting of Courses for both first and second semesters of 2020/2021 academic year.
- Generation of Congregation and Matriculation Statistics
- Provision of Statistics on Students and Staff to Regulatory Bodies (Ghana Tertiary Education
- Annual statistical reports on Accreditation Status, Accreditation information, Student Data, Staff Data, Graduate Output, Research Publication, Conferences and Library for 2020/2021 academic year.

3.2.1. Launching of ATU Strategic Plan (2021-2025) and Second Summer School

The Directorate led the organising committee to plan and implement the launching of the ATU Strategic Plan (2021-2025) and 2nd Summer School. The ceremonial and media launch of the ATU Strategic Plan (2021-2025) and 2nd Summer School was held on Monday, 11th October, 2021 from 9.00am to 11.30am at the Main Auditorium. The evaluation report indicated that the 2nd summer school was very successful and impactful. Some of the significant outcomes included:

- Rebranding of the Vision, Mission, Core Values and Education Philosophy of Accra Technical University.
- Distribution of 500 copies of the ATU Strategic Plan to staff members.
- Systematic and intentional education and sensitization of ATU staff members' objectives and the strategic activities of the ATU Strategic Plan.
- Commitment of staff members to the development and implementation of the operational plan, work plan and performance plan to achieve the key performance indicators (KPIs) of the ATU Strategic Plan.
- Positive Visibility of the University through traditional, digital and social media.
- Public and formal recognition and awards to previous Council Chairmen, Rectors and Principals.

3.3. Accreditation Department

In order to obtain accreditation with Ghana Tertiary Education Commission (GTEC), application documents must go through three main stages as follows: Administrative Approval, Assessment by Accreditation Team and Certification / Final Approval. The Accreditation Department collaborated with the various Faculties to obtain accreditation and reaccreditation of programmes as shown in the table below:

Category	Frequency
Four-Year B Tech Programmes with Full Accreditation	6
Four-Year B Tech Programmes Awaiting Final Certification	6
Four-Year B Tech Programme(s) with Administrative Approval Awaiting Accreditation Team Visitation	4
Four-Year B Tech Programmes Awaiting GTEC Administrative Approval	11
Accredited B Tech Top-Up Programmes Currently Running	15
Accredited HND Programmes Currently Running	16
Diploma Programmes Awaiting Accreditation Team Visitation	6
Diploma Programmes Awaiting Final Accreditation	1

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