

SPECIAL GAZETTE



**CAPE COAST
TECHNICAL UNIVERSITY**



**PROCEEDINGS OF 18TH CONGREGATION
SATURDAY, MARCH 5, 2022**

NO. 1 SATURDAY, MARCH 5, 2022 VOL.1

The 18th Congregation of the Cape Coast Technical University was held on March 5, 2022. In all **946** students graduated, Bachelor of Technology **185**, Higher National Diploma **475** and other Diplomas **286**. The Schools and Departments are:



SCHOOL OF ENGINEERING

- Department of Civil Engineering
- Department of Electrical Engineering
- Department of Mechanical Engineering
- Department of Renewable Energy

SCHOOL OF APPLIED ARTS

- Department of Tourism Studies
- Department of Fashion Design
- Department of Liberal Studies

SCHOOL OF APPLIED SCIENCES AND TECHNOLOGY

- Department of Hospitality Management
- Department of Statistics and Mathematics
- Department of Food Sciences and Postharvest Technology
- Department of Computer Sciences and Technology

SCHOOL OF BUILT AND NATURAL ENVIRONMENT

- Department of Building Technology
- Department of Environmental Management and Technology

SCHOOL OF BUSINESS AND MANAGEMENT STUDIES

- Department of Accountancy Studies
- Department of Marketing Studies
- Department of Secretaryship and Management Studies
- Department of Purchasing and Supply Chain Management
- Department of Entrepreneurship and Agribusiness

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Council Chairman's Procession



Members of Convocation proceeding to the congregation ground



Graduands standing for the Council Chairman's procession



NATIONAL ANTHEM


Proceedings of
18th Congregation

Dignitaries standing for the National Anthem



Graduands standing for the National Anthem





Chairman of Council constituting the congregation

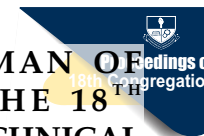


Cross section of Graduands at the ceremony



CHAIRMAN OF COUNCIL, REV. PROF. HAROLD S. AMONOO-KUOFI DELIVERING HIS WELCOME ADDRESS

WELCOME ADDRESS BY THE CHAIRMAN OF COUNCIL ON THE OCCASION OF THE 18TH CONGREGATION OF THE CAPE COAST TECHNICAL UNIVERSITY HELD ON SATURDAY, MARCH 5, 2022



His Excellency, the President of the Republic of Ghana, Nana Addo Dankwa Akufo-Addo
 The Hon. Minister of Education, Hon. Dr. Yaw Osei Adutwum,
 The Honourable Central Regional Minister, Hon. Justina Marigold Assan,
 The Honourable Members of Parliament for Cape Coast North and South Constituencies, Hon. Kwamina Mintah and Hon. Kweku Ricketts-Hagan,
 The Honourable Metropolitan Chief Executive, Hon. Ernest Arthur,

Members of the University Council
 Vice-Chancellor of Cape Coast Technical University,
 The Director-General of Ghana Tertiary Education Commission,
 The Director-General of Commission for TVET,
 The Administrator of GETFund
 The Omanhen of Oguaa Traditional Area, Osabarima Kwesi Atta II, Nananom,
 The Chairman, Vice-Chancellors of Technical Universities of Ghana,
 The Vice-Chancellor of University of Cape Coast
 The Vice-Chancellors of Kwame Nkrumah University of Science and Technology,
 Management of Cape Coast Technical University,
 Members of Convocation,
 Alumni,
 Staff, Graduands and Students,
 Friends from the media,
 Ladies and gentlemen,

I have the greatest pleasure in welcoming you all warmly to this ceremony. I wish to extend a special welcome to our Special Guest of Honour, His Excellency, the President of the Republic of Ghana, Nana Addo Dankwa Akufo-Addo for responding to our invitation and gracing this occasion. We are greatly honoured by your presence.

ESSENCE OF THE CEREMONY

H. E, ladies and gentlemen, congregation ceremonies are very important to the Cape Coast Technical University (CCTU) because of the opportunity they afford the University to reflect on its performances over the previous academic year.

We are gathered here this morning to celebrate the hard work, commitments and sacrifices of our graduands. We say **CONGRATULATIONS** to all of you graduands. The ceremony is also to celebrate with parents and benefactors who have every reason to be immensely proud that this day has come. All sacrifices you have made for your wards have not been in vain. We are also celebrating the contributions of all the other stakeholders of this great University.

VISION OF COUNCIL

Ladies and gentlemen, Council continues to support the University Management to offer a world-class, high quality Technical and Vocational Education and Training (TVET) through the promotion of competency based teaching and learning.

Council is guided by the vision of H.E. President Nana Addo Dankwa Akufo Addo that “Technical education is at

the centre of the industrial revolution of our country”

The Governing Council is, therefore, committed to guiding Management of the University to develop CCTU into a first-class centre of excellence in Renewable Energy Technologies, Engineering, Applied Sciences and Technology and Applied Arts as well as Business. These, we are convinced, will contribute greatly to the promotion of skills training and acquisition needed to solve the problem of graduate unemployment and also provide the needed manpower to drive the “one-district, one factory (IDIF) agenda” of the government.

APPRECIATION TO GOVERNMENT

I wish to thank the government through the Ministry of Education for its support towards the growth of the Institution. Indeed, the University is largely grateful to the government for the construction of the state-of-the art Engineering Laboratories and Workshops to aid practical teaching and learning.

ADVICE TO GRADUANDS

My dear graduands, today, you are leaving this University with a quality education. Understandably, your success today has been the result of hard work, discipline, commitment, sense of balance, integrity, self-reliance, teamwork, critical thinking, leadership, humility and many others. Graduands, do not forget that in your world today, these attributes and lifelong learning, will be needed in even greater measure as you confront the challenges of the new world.

Let me use this occasion to remind you that in Ghana today, graduate unemployment is real and you cannot afford to wait on others to provide you jobs. You will now have to fashion out your own destiny. Be creative, innovative and use the skills acquired in this University to create your own jobs and become employers.

CONCLUSION

I am aware that the University has adequately prepared you to face the challenges of our time. Be assured that you have what it takes to be successful. Remember that your graduation is but a transition into the next phase of your lives and to stay current and relevant, you should continue to have the mind to keep on learning in order to achieve greater exploits. For the HND and Professional Diploma graduands, do not hesitate to enrol in our quality Bachelor of Technology programmes.

I am also convinced in my heart that we have the next generation of entrepreneurs and innovators among you and very soon, we will be hearing of your successes. When the good times come, as they will soon, please do not hesitate to support your alma mater. It is incumbent on all of you to ensure that CCTU progresses to serve the present and future generations. Let me once again congratulate you for coming this far.

Thank you all for your attention.





Convocation standing for the CCTU Anthem



Graduands standing for the CCTU Anthem



VICE-CHANCELLOR'S REPORT (RT. REV. ING. PROF. JOSHUA D. OWUSU-SEKYERE)



ADDRESS BY THE VICE-CHANCELLOR, RT. REV. ING. PROFESSOR JOSHUA DANSO OWUSU-SEKYERE ON THE OCCASION OF THE 18TH CONGREGATION, SATURDAY, MARCH 5, 2022



SALUTATION

- Representative of the Minister for Education, Hon. Dr. Yaw Osei Adutwum
- Central Regional Minister, Hon. Marigold Justina Assan
- Member of Parliament for Cape Coast North Constituency, Hon. Kwamena Minta -Nyarku
- Metropolitan Chief Executive, Hon. Ernest Arthur
- Omanhen of Oguaa Traditional Area, Osabarimba Kwesi Atta II
- Director-General of the Ghana Tertiary Education Commission (GTEC),
- Director-General of the Commission for Technical and Vocational Education Training (CTVET),
- Chairman and Members of the University Governing Council,

- The Administrator of the Ghana Education Trust Fund (GETFund),
- Vice Chancellors of Sister Universities and Technical Universities,
- Registrars of Sister Universities and Technical Universities,
- Nananom,
- Friends from the media,
- Distinguished guests,
- Members of the Cape Coast Technical University Community,
- Graduands,
- Ladies and gentlemen,

WELCOME

It is a great privilege and pleasure to welcome you all to the Cape Coast Technical University campus for the 18th congregation ceremony. Let me extend a special welcome to our Special Guest and Minister for Education, Hon. Dr. Yaw Osei Adutwum. Sir, you are welcome. To those of you who could not be here physically but are following us online, you are also warmly welcome.

Congregation ceremonies are for the purpose of conferring degrees and diplomas on deserving students. It also allows us to celebrate the achievement of these students.

PURPOSE OF GATHERING

We are today graduating a total of 946 graduands; **185** of these are at the Bachelor of Technology level, **475** at the Higher National Diploma level and **286** at the Diploma level. A lot has gone into bringing these young ones this far, and we applaud all those who contributed in any form or fashion to support these graduands during their time as students.

Ladies and Gentlemen, congregations, besides being an event at which honours are conferred on deserving individuals and graduating students, afford a Vice-Chancellor the opportunity to, as it were, present the state of the University, and also present to stakeholders major undertakings and happenings in the University during the previous year. I would thus like to present developments of interest at CCTU since our last Congregation to this gathering.

UPDATE ON THE STATE OF THE UNIVERSITY

Schools and Departments

Today, CCTU has six (6) Schools namely;

1. School of Applied Sciences & Technology
2. School of Applied Arts
3. School of Built and Natural Environment
4. School of Engineering
5. School of Business & Management Studies
6. School of Graduate Studies

There is a total of sixteen (16) Departments, two of them

newly created, and two created by splitting up an existing one. These four new departments are:

1. Department of Environmental Management Technology
2. Department of Entrepreneurship and Agribusiness
3. Department of Mathematics and Statistics
4. Department of Computer Science and Technology

Academic Programmes

Hon Minister, currently the University runs 55 academic programs duly accredited by the Ghana Tertiary Education Commission (GTEC): One (1) MTech programme; twelve (12) BTech Top-up programmes; fifteen (15) 4-year BTech programmes; twelve (12) Higher National Diploma programmes; fifteen (15) Diploma programmes.

I take this opportunity to thank our hardworking Deans, Heads of Department and faculty who have worked and are still working hard on developing new programmes to ensure that we remain relevant and provide a sufficiently diverse range of programme offerings to prospective students.

Human Resource Development

We currently have 34 staff pursuing doctoral studies; 11 on MPhil programmes, 2 pursuing Bachelor degrees and 8 staff pursuing HND.

During the period under review, some senior members were promoted. These include: seven (7) to the rank of senior lecturer, 15 to the AR rank and one (1) to the rank of Senior Procurement Officer.

Partnerships/Collaborations

I will now touch on a few major partnerships and collaborations CCTU has entered into in the year under



review.

- We have an active partnership with Hochschule University of Applied Sciences in Dusseldorf. The University donated some equipment to the Renewable Energy Department last year
- We have signed a MoU with the University of Seigen in Germany. This allows for staff and student exchange, joint research.
- We are also in active collaboration with TH-Cologne in Germany Institute for renewable energy. Two staff and two students are expected to travel to that institute in May
- We are part of the Community College Initiative sponsored by the United States Congress. I understand eight students have been granted a one (1) year scholarship under this programme.
- We have an agreement with the Philippines Christian University that allows us to run some of their programmes. It also allows for staff and student exchange
- The University is collaborating with the Stanbic Bank Ghana on a project, dubbed “Aspire Business Academy”. The project is under the Stanbic Business Incubator Initiative and its mission is to work closely with academic-institutions to provide an enabling environment to support and encourage students in entrepreneurship and innovation activities.

Seminars/lectures

1. In April, 2021, the School of Built & Natural Resources hosted a Green Building Research Conference under the theme “The Role of Built Environment Professionals in Prioritising Net Zero

Building”.

2. In August 2021, the University had its first ever Inaugural Lecture delivered by Professor S. B. Owusu-Mintah of the Tourism Department. CCTU is the first ever amongst the other Technical Universities to have such an event.
3. The University Librarian has initiated what has been christened the CCTU Library Webinar Series. A number of very interesting lectures have been presented on it.

INFRASTRUCTURE DEVELOPMENT PROJECTS

There are a number of projects which are worth mentioning:

- State of the art engineering laboratories and workshops have been constructed and equipped for the institution by the Government of Ghana. We wish to express our appreciation to the President of the Republic and also to the Director General of CTVET for facilitating the construction and equipping the facility.
- Training is currently undergoing to enable staff of Technical Universities and Institutions put the equipment to maximum use. Some of the Professors from China to facilitate the training are here with us this morning.
- The first phase of our Engineering Block has been completed and now provides office accommodation for staff. The second phase is about to take off, and will be two floors of office accommodation and some lecture rooms. We wish to express our appreciation to the contractor for a great job done so far.



- Work is underway to expand our basic school. We intend, ultimately, to have one of the best basic schools in the Central Region.
- We have also, in collaboration with the University of Cape Coast added an optometry unit to our Clinic. We intend to have a full-fledged hospital in the not too distant future.
- We are working on relocating our ceremonial grounds. This is to ensure that, among other things, ceremonies held on campus at night and over the weekends do not disturb lectures held during those periods.
- Work is progressing smoothly on automation of the School library. The project is to be completed by October this year.
- The Cape Coast Metropolitan Assembly has decided to construct a Police station on campus. We thank the Chief Executive (Major One) for extending this support to us.

DEVELOPMENTS WITHIN THE DEPARTMENTS

There are some very interesting developments in some Departments which are worth mentioning.

- The Cape Coast Technical University Centre for Design and Innovation with support from the Ghana Energy Commission, developed a solar trike (Solar powered aboboyah).
- The CEDI also completed a contract for the manufacture of a briquette making Machine for Furnart Ghana Ltd. This machine is intended to allow Furnart to effectively utilise their sawdust and wood waste.

ISSUES AFFECTING THE SMOOTH RUNNING OF THE UNIVERSITY

Ladies and gentlemen, permit me to speak briefly about a number of issues hindering the smooth running of the University.

- Student accommodation has been a challenge and Management of the university has put in a lot of effort by getting two private developers, Primesec Ghana and CTA Development Group, who have expressed interest in building hostel facilities for students.

A WORD TO THE GRADUATING CLASS

And now to the graduating class who are the reason we are here today, today, the University is officially dispatching you into the wider world as its able ambassadors. We know that it hasn't been easy, as most of you have endured numerous challenges on the long path to completion of your programmes of study.

A new life starts here as graduates of one of the finest Technical Universities in Ghana. I urge you all though, to make maximum use of the knowledge and skill you have acquired to impact lives, the society and the nation as a whole.

The University has an Alumni Relations Office to ensure that members of the Alumni Community are linked up to enable them assist the University to mobilise resources and students. I am informed that the National Alumni Association has launched a Google application to ease the burden of past students travelling to campus for their

academic documents. Please use it; don't let it go waste. I wish to also use this platform to encourage you to join the nearest Alumni Association and I pray that you will be true ambassadors of CCTU.

CONCLUSION

As I end my report, I would like to express our special thanks to our Guest of Honour, the representative of the Honourable Minister for Education for gracing this 18th Graduation ceremony. To the organising committee thank you all for a good job well done. Distinguished guests, ladies and gentlemen, thank you once again for honouring our invitation. May the Almighty take you back safely to your various destinations. Thank you all for your attention.



SPECIAL GUEST OF HONOUR (DEPUTY MINISTER IN CHARGE OF TVET, HON GIFTY TWUM AMPOFO) DELIVERING HER SPEECH



A SPEECH DELIVERED BY THE DEPUTY MINISTER IN CHARGE OF TVET, HON GIFTY TWUM AMPOFO, ON BEHALF OF HON. DR. YAW OSEI ADUTWUM ON THE OCCASION OF THE 18TH CONGREGATION HELD ON SATURDAY, MARCH 5, 2022 AT THE CEREMONIAL GROUNDS OF CAPE COAST TECHNICAL UNIVERSITY

The Chairman of the University Council
The Hon. Central Regional Minister
The Hon. Member of Parliament for Cape Coast North
The Hon. Member of Parliament for Cape Coast South
The Director-General of GTEC
The Director-General of CTVET
The Administrator of GETFund
Members of the University Council
The Omanhen of Oguaa Traditional Area, Osabarima Kwesi Atta II
Nananom

The Honourable Metropolitan Chief Executive
Chairman, Vice-Chancellors of Technical Universities of Ghana
Vice-Chancellor of University of Cape Coast
Vice-Chancellor of Kwame Nkrumah Univ. of Science & Technology
Members of Convocation
Staff and Students
Alumni and Past Employees of CCTU
Graduands
Parents and Guardians
Our Friends from the Media
Distinguished Ladies and Gentlemen
All Other Protocols Duly Observed

It is a pleasure to be here with you all this morning to honour the 2021 graduands of Cape Coast Technical University (CCTU). I am glad to address this august house on behalf of the Minister for Education, Hon. Dr. Yaw Osei Adutwum, the Special Guest of Honour for this ceremony.

Mr. Chairman, Ladies and gentlemen, permit me to start my address by congratulating our graduands for their hard work, in the midst of all challenges, they have completed their programmes of study. It has not been easy, I know, but your courage, determination and resilience have paid off. Here you are today, ready to receive all that is due you. Ayekoo!!!

You have made your parents, guardians and the nation proud. You must be really proud of this achievement for you have become a great asset to the nation. The rich higher education and skill oriented training you have acquired in Engineering, Applied Arts, Applied Sciences and Technology and Business have provided you the innovative and entrepreneurial abilities to actively contribute to the socio-economic transformation of Ghana and beyond.

Mr. Chairman, we are all witnesses to an increase in the global energy demand and consumption, resulting in the depletion of the fossil fuel reserves in the world, and an increase in the cost of energy all over the world. These have affected the industrialization and developmental agenda of our nation. In view of these global trends, the government has earnestly identified renewable energy as one of the options that could contribute to the overall energy supply mix and minimize the adverse effects energy production has on the environment.

Mr. Chairman, Ladies and gentlemen, it is therefore fulfilling to learn that CCTU has given much importance to its niche area, Renewable Energy, by establishing the

Department of Renewable Energy and running Bachelor of Renewable Energy Degree programme. A Centre for Renewable Energy, Engineering Design and Innovation Centre and collaborations with industry players have been established by the University to help train students to explore the use of alternative, justifiable and renewable energy resources to improve the current energy generation in the country.

Allow me to take this opportunity to once again applaud the Management, Staff and Students of CCTU and Energy Commission, Ghana, an industry player, for the efforts made in promoting renewable energy technologies. I must say that the government is impressed with your innovations such as the Automated Solar Handwashing Machine, the Audio-visual Prompt Machine that alerts on COVID 19 safety protocols and the recent Solar Trike. Your efforts and contributions in providing excellent technologies in the fields of renewable energy and alternative energy technologies through research, innovation, academic and industry based training are no mean achievements.

As you are aware, there are more non-depleting sources that Renewable Energy could be obtained to meet the electricity needs of the country. Considering Central Region and Cape Coast in particular, mention could be made of sources such as the ocean, rivers, streams, wind, solar, landfill sites and sewage.

The good people of Ghana will forever be grateful to CCTU for aiming to turn around such abundant natural renewable



energy resources, which are rarely explored, into increasing the proportion of renewable energy in the national energy generation mix.

Mr. Chairman, ladies and gentlemen, the Akufo Addo led government understands the vital role technical and vocational education plays in the development of a country. TVET creates skilled manpower, enhances productivity and improves the quality of the people. We are therefore committed to providing access to quality Technical and Vocational Education and Training (TVET) for all in an equitable manner.

It is gratifying, ladies and gentlemen, to state that all the TVET Institutions now captured under the Ghana TVET Service have been included in the next academic year's (April 2022) **Computerized School Selection and Placement System (CSSPS)** for selection by the Junior High School graduates to enjoy the Government's flagship programme "FREE TVET/SHS FOR ALL". There is also the opportunity for those who complete their TVET programmes to continue from the National Proficiency levels through Certificate levels to HND, B.TECH, M.TECH to the Doctor of Technology level with the National TVET Qualifications Framework (NTVETQF), which is being implemented by the Commission for TVET.

In addition, government has rolled out the pre-engineering programme for secondary school graduates with non-science backgrounds. The Pre-Engineering programme is a one-year detailed course designed to prepare and train secondary school graduates with non-science

backgrounds for enrollment into Bachelor of Science Engineering course at the university. It is exciting to know that the Pre-Engineering programme is a game changer that will open doors to many non-science secondary school graduates, especially Visual Arts graduates who have the desire and possess the ability and creative mind to be trained as the innovative and creative engineers to drive Industrialization in our dear country.

This Pre-Engineering programme is in accordance with the Education Strategic Plan 2018-2030 which targets a 60% enrollment of students in tertiary education enrolled in Science, Technology, Engineering and Mathematics (STEM) disciplines.

I have been informed that the AVIC project, a project that will serve a multi-faceted purpose for CCTU, forms part of the measures to enhance the practical nature of Higher Technical and Vocational Education Training programmes being offered in the University. The laboratory of the AVIC project has the full complement of modern workshops and laboratories for Civil, Mechanical and Electrical/Electronic Engineering to offer practical training to students in soil, concrete, bitumen and aggregate testing; welding, automobile, maintenance and repair, CCNC milling, fabrication and building of transistors; and electrical drive system, electronic workshop and electrical/electronic power system respectively.

I must also congratulate the Management of CCTU and workers of AVIC holding cooperation that despite the initial setbacks faced as a result of the COVID-19 pandemic,



the project has been completed.

Finally, ladies and gentlemen, let me once again say Ayekooo!!! To all our fresh graduates and wish to emphasise how privileged I am to witness this day with you. Go out there and shine forth as true ambassadors of Cape Coast Technical University. Congratulations!!!

God bless you all.
Thank you for your attention.



PRESENTATION OF SPECIAL AWARDS



Overall best graduating female student



Overall best graduating male student



A photograph of a graduation ceremony. In the foreground, graduates in blue gowns and caps are seated on white folding chairs. Some are wearing face masks. The background shows a large outdoor area with a blue and yellow striped canopy. A sign on the canopy reads "SCHOOL OF EDUCATION".

Conferment of Degrees, HNDs & Diplomas



Conferment of Degrees, HNDs and other Diplomas by Council Chairman



Graduands standing for the Conferment





Chairman of Council dissolving the congregation



Cross section of Graduands at the ceremony



Cross section of Convocation at the ceremony



Council Chairman's procession departing the congregation ground



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