ACCRA TECHNICAL UNIVERSITY

RESEARCH & INNOVATION POLICY

MAY, 2016

POLICY ON

RESEARCH AND INNOVATION

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SUMMARY DETAILS TABLE

Version	2.0
Short description	Policy to strengthen the research capacity and output, and increase the contributions of the Technical University to the world of knowledge and innovations.
Relevant to	All Technical University staff involved in research.
Approved by	The Governing Council
Responsible officer	The Registrar
Responsible office	Directorate of Research, Innovations, Publications and Technology Transfer (DRITT)
Date Approved	12TH January, 2021
Date Reviewed	12th January, 2021
Related Technical University documents	Technical University Statutes, Conditions of Service and Scheme of Service.
Related Legislation	Technical University Act, Ethics Policy, the Statutes
Keywords	Research, Ethics, Exhibition, Conference, Technology transfer.

SECTION ONE

1. DEFINITION OF TERMS

ITEM	DEFINITION
Research	An in-depth study of a given subject, field, or problem, undertaken to discover facts or principles.
Journal	A peer-reviewed academic periodical in which scholarship relating to a particular academic discipline is published.

SECTION TWO

2. POLICY

2.1. POLICY STATEMENT

The Technical University is committed to the generation of new knowledge through high-quality applied and market-driven research; the translation of the knowledge through innovation and enterprise into technologies, interventions, strategies and innovations that have commercial applications for solving problems in society and; dissemination of the knowledge for the benefit of society.

2.2. PURPOSE

To strengthen the research capacity and output, and increase the contributions of the Technical University to the world of knowledge and innovations; encourage and provide more opportunities for multi-disciplinary and collaborative research and innovations and; strengthen research management and coordination in a fair and transparent manner.

2.3. SCOPE

This policy shall apply to all staff and students of the Technical University as well as its research collaborators, who have expressly agreed to the contents of this policy.

2.4. PRINCIPLES

i. Recognition and Reputation in Research

ii. The Technical University shall establish itself as a leading Centre for Basic and Applied Research by:

iii. Making research a top priority in the institution.

iv. Pursuing an institutional research agenda which is relevant and in line with national priorities.

v. Promoting the use of multi-disciplinary and systematic approaches to deliver innovative solutions that are sustainable and can be put to immediate use for national development.

vi. Applying its research knowledge to improve livelihoods, reduce poverty and create jobs.

vii. Engaging in high-quality applied and market-driven research that creates value for businesses and organisations through innovations in Products, Processes, and Services.

viii. Supporting its researchers to gain recognition as leading authorities in their various fields of expertise.

ix. Vigorously publicising its research achievements in the media

x. Establishing an institutional journal with a unique orientation towards applied research and eventually establishing a Technical University Journal jointly owned by the Technical Universities in Ghana.

xi. Collaborating with reputable institutions in research.

2.4.2. DISSEMINATION OF RESEARCH FINDINGS

The Technical University shall readily share knowledge gained through research by

i. Maintaining (an) institutional journal(s)

ii. Publishing in reputable journals

iii. Organizing an annual exhibition

iv. Participating in conferences and workshops

v. Maintaining a research database on the institution's website

2.4.3. PROMOTING A CULTURE OF RESEARCH, INNOVATION, CREATIVITY AND ENTERPRISE

 i. Support the establishment of Research Centres of Excellence

ii.   Facilitate the commercialisation of research outputs

iii. Provide resources and support for research

iv.   Appropriately balance and interlink research, teaching and community service.

v.   Reward outstanding researchers

2.4.4   Maintaining International Standards

i.   The Technical University's research shall meet the highest standards in

2.4.4.2 Ethics

i.   Rigour and

ii.   Current methodologies and technology

iii. Ensuring Compliance with Research Ethics.

The Technical University and its collaborators will not:

i.   Falsify data.

ii.   Tolerate plagiarism.

iii. Engage in any case of conflict of interest.

iv.   Mislead potential subjects to participate in research.

v.   Mislead the public as to the ascription of authorship.

vi.   Obtain double institutional funding for the same project or activity without notifying both funding sources.

vii. Misapply research funds.

viii. Fail to disclose to the Technical University payments for conducting research.

ix. Fail to safeguard the rights of human subjects as set out in the appropriate Code of Practice.

x. Handle animal subjects in an inhumane manner or in a manner not in conformity with the appropriate code of practice.

xi. Improperly handle or dispose of harmful chemicals, micro-organisms, and radioactive agents, which may pose a risk to the researcher, the community, or the environment.

2.4.6 PROTECTING THE INSTITUTION'S INTELLECTUAL PROPERTY

Accra Technical University shall vigorously protect, manage and commercialize its intellectual property by:

i. Holding all rights to any intellectual property in the form of knowledge, idea, material or any other form which are produced by any employee or student using the time and resources of Accra Technical University.

ii. Ensuring that originators do not exploit the commercial advantages of the intellectual property without the express permission of the institution.

iii. Vigorously commercialising its intellectual property

2.4.7 PROMOTING INTERNAL RESEARCH

i. Internal Research is aimed at growth and development and improvement in the quality of services offered by Accra Technical University based on sound evidence from the research.

ii. Accra Technical University shall engage its faculty to undertake research activities related to Technical University issues to inform   development

and decision-making.

iii. Accra Technical University shall provide the funds for internal research.

iv. Departments and faculties can also submit proposals to engage in research to assist in the development and enhancement of their faculty/ department or programs as well as the Technical University's contribution to society at large.

v. Faculty engaging in this type of research shall present a progress report at each milestone to Academic Board.

vi. Application for funding for internal research shall be made to the Research Sub-Committee of Academic Board.

vii. Internal research shall be supported in areas that are of strategic interest to the Technical University.