

ACCRA TECHNICAL UNIVERSITY



POLICY ON RESEARCH AND INNOVATION

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SUMMARY DETAILS TABLE

Version	1.0
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.
Issuing Authority (Approved by)	This Policy has been approved by the Council.
Responsible officer	DiVice Chancellor, Research and Innovations
Responsible office	Research and Innovation Department
Date introduced	Monday, May 23, 2016
Date(s) modified	
Next scheduled review date	1st, April, 2018
Related Technical University documents	Technical University statutes, conditions of service, working documents for the promotion of senior member/ senior staff/ junior staff
Related legislation	Technical University Act, Ethics Policy, the Statutes
Key words	Research, Ethics, Exhibition, Conference

SECTION ONE

1. DEFINITION OF TERMS

- 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.

2.4. PRINCIPLES

2.4.1. Recognitions and Reputation in Research

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

- 2.4.1.1.1. Making research a top priority in the institution.
- 2.4.1.1.2. Pursuing an institutional research agenda which is relevant and in line with national priorities.
- 2.4.1.1.3. 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.
- 2.4.1.1.4. Applying its research knowledge to improve livelihoods, reduce poverty and create jobs.
- 2.4.1.1.5. Engaging in high-quality applied and market-driven research that creates value for businesses and organisations through innovations in Products, Processes, and Services.

- 2.4.1.1.6. Supporting its researchers to gain recognition as leading authorities in their various fields of expertise.
- 2.4.1.1.7. Vigorously publicising its research achievements in the media
- 2.4.1.1.8. Establishing an institutional journal with a unique orientation towards applied research.
- 2.4.1.1.9. Collaborating with reputable institutions in research.

2.4.2. Dissemination of Research Findings

- 2.4.2.1. The Technical University shall readily share knowledge gained through research by
 - 2.4.2.1.1. Maintaining (an) institutional journal(s)
 - 2.4.2.1.2. Publishing in reputable journals
 - 2.4.2.1.3. Organizing an annual exhibition
 - 2.4.2.1.4. Participating in conferences and workshops
 - 2.4.2.1.5. Maintaining a research database on the institutions website

2.4.3. Promoting a Culture of Research, Innovation, Creativity and Enterprise

- 2.4.3.1. Support the establishment of Research Centres of Excellence
- 2.4.3.2. Facilitate the commercialisation of research outputs
- 2.4.3.3. Provide resources and support for research

- 2.4.3.4. Appropriately balance and interlink research, teaching and community service.
- 2.4.3.5. Reward outstanding researchers

2.4.4 Maintaining International Standards

- 2.4.4.1 The Technical Universitys research shall meet the highest standards in
- 2.4.4.2 Ethics
- 2.4.4.3 Rigour and
- 2.4.4.4 Current methodologies and technology

2.4.5 Ensuring Compliance to Research Ethics

The Technical University and its collaborators will not:

- 2.4.5.1 Falsify data.
- 2.4.5.2 Tolerate plagiarism.
- 2.4.5.3 Engage in any case of conflict of interest.
- 2.4.5.4 Mislead potential subjects to participate in research.
- 2.4.5.5 Mislead the public as to ascription of authorship.
- 2.4.5.6 Obtain double institutional funding for the same project or activity without notifying both funding sources.
- 2.4.5.7 Misapply research funds.
- 2.4.5.8 Fail to disclose to the Technical University payments for conducting research.
- 2.4.5.9 Fail to safeguard the rights of human subjects as set out in the appropriate Code of Practice.
- 2.4.5.10 Handle animal subjects in an inhumane manner or in a manner not in conformity to appropriate code of practice.
- 2.4.5.11 Improperly handle or dispose 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 Institutions Intellectual Property

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

- 2.4.6.1 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.
- 2.4.6.2 Ensuring that originators do not exploit the commercial advantages of the intellectual property without the express permission of the institution.
- 2.4.6.3 Vigorously commercialising its intellectual property

2.4.7 Promoting Internal (Accra Technical University) Research

- 2.4.7.1 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.
- 2.4.7.2 Accra Technical University shall engage its faculty to undertake research activities related to Technical University issues to inform development and decision-making.
- 2.4.7.3 Accra Technical University shall provide the funds for internal research.
- 2.4.7.4 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 contribution to society at large.
- 2.4.7.5 Faculty engaging in this type of research shall present a progress report at each milestone to Academic Board.
- 2.4.7.6 Application for funding for internal research shall be made to the Research Sub-Committee of Academic Board.
- 2.4.7.7 Internal research shall be supported in areas that are of strategic interest to the Technical University.