



MACHAKOS UNIVERSITY

OFFICE OF THE DEPUTY VICE-CHANCELLOR
(RESEARCH, INNOVATION AND LINKAGES)

A Preferred University of Excellence in Scholarship and Service Delivery

THIRD CALL FOR MACHAKOS UNIVERSITY STAFF RESEARCH PROPOSALS

THEME: RESEARCH, INNOVATION AND TECHNOLOGY FOR INDUSTRIAL GROWTH AND SUSTAINABLE DEVELOPMENT

1. INTRODUCTION

In her endeavour to realize her Mission, Machakos University has committed to provide scholarly education through Training, Research and Innovation for Industrial and socio-economic transformation of our communities. For this reason Machakos University allocates funds to internally support research initiatives in the university through annual research grants; a competitive programme managed by Machakos University's Division of Research, Innovation and Linkages (RIL).

The objectives of the programme are: to promote a positive research culture in the university, build research capacity among the university staff, promote collaborative research between and within various disciplines in the university and support research in priority areas in relation to National Development Targets and the university strategic plan.

This Third call focuses on Research, Innovation and Technology for Industrial Growth and Sustainable Development for the purpose of mitigating the emerging dynamics of the needs of the world's growing population.

The Call seeks to support research proposals with strong potency towards catalyzing investment and innovation to create new economic opportunities as well as expanding the existing ones. Applicants need to demonstrate their ability to exploit Research, Innovation and Technological potential to support a robust Industrial Growth for sustainable development.

This way, Research, Innovation and Technology are conceptualized to have strategies that promote industrial growth to maximize opportunities in key sectors (education, energy, agriculture, transport, tourism etc) and development of policy frameworks.

2. SUB-THEMES

- a. Agriculture, food and nutrition security;
- b. Health, Sports and Tourism; (Hot topic: Cancer)
- c. Education and Ethical issues in research and product development.
- d. Housing, Transport, Energy and Industrialization;
- e. Environment, Natural resources and Climate change;
- f. Mathematics, Statistics & Data Science; Basic and Applied Sciences;
- g. Language, Culture, Social Equity and Governance;
- h. Business, Entrepreneurship and SMEs;

3. DURATION

The project should be carried out within a period of one (1) years with financial release based on regular satisfactory progress reports and accounting. Applicants are required to submit a detailed workplan with clear monitoring, evaluation and reporting framework.

4. BUDGET

The Grant seeks to support up to a maximum of Kshs.700,000 (Seven Hundred Thousand). The Grant does not support the purchase of electronic equipment such as laptops, Mobile Phones, cameras, printers and related accessories. The Grant cannot be used to support a research project in progress or a non-research related proposal such as income generating and production activities.

5. ELIGIBILITY

- a) The applicant must be a full-time Machakos University staff.
- b) The proposals must demonstrate how they offer strategies to solve various societal problems.
- c) The objectives of the proposals must be in line with national priorities such as envisaged in the Kenya Big Four Agenda and Kenya vision 2030, as well as in the sustainable development goals and in the Science, Technology and Innovation Strategy for Africa (STISA 2024).
- d) The applicant(s) should have relevant qualifications and experience in the area of the proposed project.
- e) Staff members who are Principal/Lead Researchers in on-going Machakos University funded research projects are not eligible.
- f) Applications must be received before/on the deadline.

g) Proposals MUST embrace Multi-disciplinary and a proposal submitted by only one applicant will not be considered.

Applicants should email a soft copy to director-research@mksu.ac.ke and copied to registrar-ril@mksu.ac.ke and submit a hard copy to the office of the Director, Research, Innovation and Technology not later than **30th September, 2019**.

Below please find more [information and guidelines](#) for [proposal writing](#).

[Click Here](#) to [Download](#) the [3rd Call for Proposals Advert](#) and the [Guidelines for the Proposal Writing](#).

You may also visit MksU website www.mksu.ac.ke for more information and guidelines.

For any other information or inquiries please contact:
The Director, Research Innovation and Technology
E mail: director-research@mksu.ac.ke