**MBEYA UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**OFFICE OF THE DEPUTY VICE CHANCELLOR - ACCADEMIC, RESEARCH AND CONSULTANCY**

**DIRECTORATE OF POSTGRADUATE STUDIES, RESEARCH AND PUBLICATIONS**

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P.O. Box 131,

**Mbeya,**

**Tanzania.**

**Telephone:** +255 (0) 25 2957541/4 .

**Fax:** + 255 (0) 25 2957552

**E-mail:** drp[@must.ac.tz](mailto:vc@mustnet.ac.tz)

**Website:**[www.mustnet.ac.t](http://www.mustnet.ac.t)z

**16th.06. 2023**

**LIST OF SUCCESSFUL RESEARCH PROJECT AWARD UNDER MUST INTERNAL CALL RESEARCH GRANT COMPETITIVE RESEARCH GRANTS FOR YEAR 2023/2024 FOR MUST STAFF**

Reference is made to the above heading.

We are happy to announce the successful applicants for the THIRD MUST Internal Call Research Grant for the year 2023–2024. We would like to congratulate all of the selected applicants and their research teams for their hard work and devotion. This year's applicant pool was quite competitive. The project leader should contact the Head of the Department of Research and Publications to obtain the instructions and contract form on Monday, June 19, 2023.

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| **S/N** | **TITLE** | **TEAM** |
| 1 | Enhancing blue economy initiatives through milkfish farming along the coastline in Tanzania | **Dr. Regan Nicholaus (PI),** Ms. Farida Mayowela, Dr. Francis Mmanda, Dr. Fredrick Ojija, |
| 2 | Development and costing of solar powered irrigation system: a case study of Rukwa region | **Dr. Joachim Mwambeleko (PI),** Mr. Hussein Abdulrahman Mlonja, Mr. Emanuel Godfrey Lema, Mr. Emmanuel John Ndunguru, Mr. Widson Mwasenga |
| 3 | Modification of pumice soils for supporting shallow foundations | **Dr. Mwajuma Ibrahim Lingwanda (PI)**, Mr. Joseph Kilango Mnkeni, Ms. Shamsa Msellem Nassibu |
| 4 | Non-invasive blood group and rhesus factor detector | **Mr. Omar R. Kombo (PI),** Dr. John P. John, Mr. Rebson Sanga |
| 5 | Initiative to conserve the critically endangered Kampango (*Bagrus meridionalis*) in lake Nyasa and improve communities’ livelihoods, Tanzania | **Ms Farida Mayowela (PI)**, Mr. Emmanuel Supuku, Dr. Regan Nicholaus Kavishe (PhD), Dr Fredrick Ojija (PhD) |
| 6 | Development of farmer-based mango and avocado post-harvest handling packages to increase shelf-life, their availability and reduce food loss in Southern Highland Tanzania | **Dr. Marco Mng’ong’o (PI),** Mr. Abubakar Mshora, Mr. Absolam Komanya, Ms. Lilian Maro |
| 7 | Suitability of Pumice in the Production of Lightweight Hollow Blocks for Ribbed Slab and Wall Construction | **Dr. Patrice Nyangi (PI),** Dr. Yazidi Mwishwa. Mr. Kizito Mwilongo. Mr. Hokins Moshi |
| 8 | Development of innovative scalable smart parking system (ISSPS) | **Dr. Sadiki Lameck Kusyama (PI),** Mr. Awad Magemo, Ms. Magreth Giga |

**Dr Asheri Mwidege**

**Director of Postgraduate Studies, Research and Publications**