



**SOUTH EASTERN UNIVERSITY OF SRI LANKA**  
**UNIVERSITY BUSINESS LINKAGE CELL FUNDED PROJECTS**  
**CALLING FOR WALK-IN-INTERVIEW**

**HIRING RESEARCH ASSISTANT FOR DEVELOPMENT OF NOVEL  
COMMERCIAL MAIZE HYBRIDS WITH IMPROVED PHOTOSYNTHETIC  
AND BIOMASS CHARACTERS (AHEAD/RA3/UBL/SEU/OVAA40)**

University Business Linkage (UBL) is a dedicated body operating to promote research, development, innovation, and commercialization of research outcomes from the university to industry and vice versa. The UBL of the South Eastern University of Sri Lanka seeks to obtain the services of Research Assistant for the research project “Development of commercial maize hybrids with improved photosynthetic and biomass characters and their molecular characterization using SSR markers”.

Interested candidates are requested to attend for a Walk-in-interview at **10.00 AM on September 18, 2023 (Monday) at the Board Room, Administrative Secretariat, South Eastern University of Sri Lanka, University Park, Oluvil** with a self-prepared application using the form given along with Curriculum Vitae, Original and Copies of Educational Certificates, Birth Certificate, National Identity Card and other relevant certificates.

**TERMS OF REFERENCES**

**1. REQUIRED QUALIFICATIONS & EXPERIENCE**

- B.Sc. Special degree related to agriculture
- Previous experiences with maize plant breeding and molecular characterization

**2. REQUIRED PROFESSIONAL COMPETENCIES**

- Ability to work both in the field and laboratory

- Should be self-motivated and target-oriented individual
- Excellent communication and skills
- Good publication history

### **3. METHOD OF SELECTION**

The appointment will be made through a walk-in-interview which is planned to be held on 18<sup>th</sup> September 2023 at the Board Room, Administrative Secretariat, South Eastern University of Sri Lanka, University Park, Oluvil.

### **4. SCOPE OF THE RESEARCH ASSISTANT**

Research Assistant will grow maize plants and crossbreed different maize varieties to produce hybrid seeds with improved traits. The research will involve identifying and using SSR markers to analyze the genetic makeup of the developed maize hybrids. This involves statistical analysis and data interpretation as well. The findings and outcomes of the research will be typically shared with the scientific community through research publications.

### **5. RENUMERATION**

Payments shall be made monthly Rupees fifty-five thousand with EPF and ETF (Rs. 55,000.00 inclusive of EPF and ETF) according to the approved cost component AHEAD/RA3/UBL/SEU/OVAA40 of the PEP with the recommendation of the Principal Investigator (PI).

### **6. REPORTING THE DELIVERABLES**

The Research Assistant shall closely coordinate and report to the Principal Investigator (PI) as per the requirements specified in section 7.

## 7. KEY TASKS AND ACTIVITIES

Key Task	Required Deliverable	Timeframe
Crossbreeding of maize plants – Growing maize plants with improved traits and crossbreed them to produce hybrid seeds	Hybrid maize seeds	Three (03) months
SSR analysis – Using SSR markers for the molecular characterization of the developed maize hybrids	Molecular analysis	Three (03) months

## 8. OWNERSHIP OF THE ASSIGNMENT

This assignment is funded by the World Bank Project, Accelerating Higher Education Expansion and Development in collaboration with the Ministry of Education. The University Business Linkage of the South Eastern University of Sri Lanka is the implementing body. As such, the University shall be the owner of the assignment and will reserve the Intellectual Property Rights for all deliverables of the assignment under the terms and conditions given in the IP policy of the University. The Research Assistant will have no right of claim to the assignment or its outputs once it is completed and no rights to use Data and Information gathered through the assignment for other purposes without written permission from the Vice-Chancellor of the SEUSL. Any reports or data or information produced as a part of this assignment shall be handed over to the university in soft and hard formats.

**Dr. ANM. Mubarak**  
**Principal Investigator**  
**Faculty of Technology**  
**South Eastern University of Sri Lanka**