

## **UP TMC Research and Extension Agenda (2025–2027)**

The UP Technology Management Center (TMC) aligns its research and extension programs with the UP Strategic Plan 2023–2029, the University’s core values of honor and excellence, and the Philippine Development Plan. Both thrusts also contribute to the achievement of the Sustainable Development Goals (SDGs), particularly SDG 1 (No Poverty), SDG 2 (Zero Hunger), SDG 4 (Quality Education), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 17 (Partnerships for the Goals).

Through its dual role in knowledge creation and public service, TMC seeks to strengthen its impact on national development by revitalizing its Research Agenda and expanding its Extension Agenda.

### **I. Research Agenda**

#### **1. Strategic Thrusts**

Focus on three flagship areas:

- Technology and Innovation Management for National Development
- Digital Transformation and Emerging Technologies
- Sustainable Agri-Tech and Cooperative Development

Ensure alignment with national priorities, NHERA, and AUN-QA/CHED standards.

#### **2. Capacity Building**

- Establish a TMC Research Grant Fund for faculty-led studies.
- Cluster student research into thematic programs.
- Strengthen mentorship between faculty, students, and visiting scholars.

#### **3. Funding and Partnerships**

- Allocate Graduate Tuition Fee Increment Fund (GTFI) for research.
- Pursue external funding from DOST, CHED, DA-BAR, DICT, and industry.

#### **4. Infrastructure and Ecosystem**

- Create a TMC Research and Policy Innovation Hub.
- Develop an online repository and Working Paper Series.
- Leverage MTM courses as feeders to the research agenda.

#### **5. Outputs and Impact**

- Annual targets for SCOPUS publications and conferences.
- Annual Graduate Research Colloquium and TMC Research Conference.
- Policy briefs and digital dissemination of research findings.
- Capstone-to-Publication Framework
- Align capstones with flagship themes.
- Revise guidelines for publication-ready outputs.
- Fund journal submissions and conference participation.
- Publish best capstones in the TMC Working Paper Series.

### **II. Extension Agenda**

### 1. Strategic Thrusts

- Design and implement extension programs that support inclusive and sustainable community development.
- Strengthen partnerships with LGUs, cooperatives, DepEd, and national agencies.
- Focus on rural enterprise development and digital transformation in education.

### 2. Flagship Programs

#### A. Farmers' Cooperative Development Program (DRT, Bulacan)

- Capacity building on agribusiness management.
- Support in navigating government programs and preparing proposals.
- Partnerships with DA, CDA, LGU, and CAMPCC.

Expected outcomes: better farmer incomes, stronger cooperative systems, replicable rural enterprise model.

#### B. Community Empowerment through Technology and Knowledge Solutions

- Capacity building on digital tools and online teaching methods.
- Conducted with DepEd and supported by TMC faculty and URAs.
- Includes workshops, guides, and resource development.

Expected outcomes: improved teacher digital skills, stronger delivery of quality education, reduced digital divide.

### 3. Implementation and Support

- TMC faculty, MTM students, and URAs to jointly design and facilitate.
- Collaborate with partners for venues, logistics, and technical resources.
- Monitor progress and evaluate through participant feedback and measurable outputs.

## Conclusion

Through this unified Research and Extension Agenda, the UP Technology Management Center reaffirms its commitment to advancing technology management as a vital instrument for national development and inclusive growth. Anchored on the University's core values and aligned with the Sustainable Development Goals, TMC positions itself as a catalyst for innovation, a generator of knowledge, and a partner in empowering communities in the service of the Filipino people.