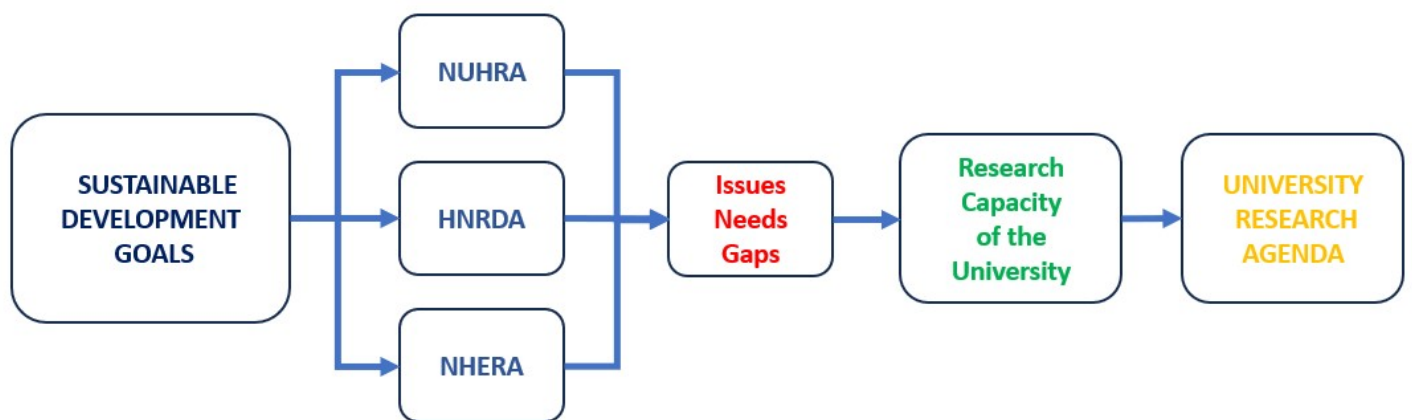




**MCU RESEARCH
AGENDA
2023-2026**

The research agenda of the university is a comprehensive strategy or framework outlining the institution's research-related priorities, goals, and objectives. Typically, this agenda is created and implemented to advance knowledge, contribute to academic excellence, address societal challenges, and foster innovation. It serves as a road map for the university's research endeavors. It directs allocating resources, faculty efforts, and opportunities for interdisciplinary research collaboration by the Lead and Support Programs/Colleges. The research agenda is disseminated to the various colleges of the university so that their research can be aligned within the framework of the established research agenda.

The research agenda was primarily anchored on the *Sustainable Development Goals (SDG)* of the United Nations and also based on the research priorities outlined in the *National Unified Health Research Agenda (NUHRA)*, the *Harmonized National Research and Development Agenda (HNRDA)*, and the *National Higher Education Research Agenda (NHERA)*.



Research Agenda Drivers



The University's Research Agenda (2023-2026)

1. HEALTH

Research Goals	Research Areas	Research Drivers	Lead Programs	Support Programs
Advancing Knowledge, Improving Health Outcomes, Preventing and Treating Diseases, and Improving Healthcare Systems and Practices for Individuals and Communities	Environmental health, Natural Products, Biomedical Research: Understanding how environmental factors can impact human health Investigating diseases, health conditions, and treatments.	NUHRA HNRDA SDG 15 SDG 3 SDG 5 SDG 6 SDG 10 SDG 14	Biology Medicine Medical Technology	
	Drug Discovery and Development utilizing natural sources		Pharmacy	
	Public Health: Researching public health interventions and surveillance to prevent diseases and promote wellness. Studying health policy, health education programs, health systems, and global health challenges		Medical Technology Nursing Medicine	Pharmacy
	Nursing Research: Investigating nursing interventions, patient care, nursing		Nursing	Medicine



	education, nursing leadership, and nursing informatics. Studying nursing practice: impact on patient outcomes and trends and issues			
	<p>Pharmacy and Pharmacology: Studies on Pharmacy Practice, Pharmaceutical Education, Pharmaceutics, Product Formulation, Clinical Pharmacy Services, Immunization, App-based medication monitoring</p>		Pharmacy	Biology
	<p>Behavioral Health and Psychology: Investigating mental health disorders, psychotherapy, and behavioral interventions. Studying the psychological aspects of health and well-being.</p>		Psychology	Medicine
	<p>Physical Therapy Research: Investigating various aspects of physical therapy, including evaluating, treating, and rehabilitating individuals with physical impairments, injuries, or disabilities.</p>		Physical Therapy	



	Effectiveness of PT intervention, embracing technology and telehealth, prevention and health promotion, collaboration with health professionals, professional education, and global health initiatives.			
	Eye Health research: Diagnosis and treatment of ocular conditions and diseases, vision correction techniques, and developing new technologies and therapies to preserve and improve visual function.		Optometry	
	Dental Health research: Focus on the study of oral and dental care, including the prevention, diagnosis, and treatment of dental conditions and diseases.		Dentistry	
	Health Informatics: Utilizing data and technology to improve healthcare delivery and patient care. Developing electronic health records (EHRs), data analytics, and telemedicine solutions.		Information Technology Medicine	Dentistry Pharmacy



2. EDUCATION

Research Goals	Research Areas	Research Drivers	Lead Programs	Support Programs
Enhance the quality and effectiveness of education, ensuring it is accessible, equitable, and responsive to the diverse needs of learners and society.	<p>Curriculum Development: Designing and evaluating educational curricula, including content selection, teaching methods, and assessment strategies.</p> <p>Teaching and Learning: Investigating effective teaching methods, instructional strategies, and learning processes. Explore how students' cognitive development and motivation affect their learning.</p> <p>Educational Leadership: Research in educational leadership examines effective school leadership, administrative practices, and their impact on school improvement.</p>	<p>SDG 4 SDG 8 SDG 17 SDG 16 NHERA</p>	Education	Information Technology



3. BUSINESS AND ENTREPRENEURSHIP

Research Goals	Research Areas	Research Drivers	Lead Programs	
<p>Improve business management, innovation, and strategy. Achieving financial success and economic impact. Promote entrepreneurial culture.</p>	<p>Entrepreneurship and Startups: Aim to understand the factors contributing to startup success, including funding strategies, business models, and innovation.</p> <p>Innovation and Technology Management: Examining how organizations manage innovation processes, adopt new technologies, and stay competitive in rapidly changing markets.</p> <p>Sustainability and Green Business: Investigating sustainable business practices, environmental impact assessments, and adopting green technologies and strategies in business operations.</p>	<p>SDG 1 SDG 2 SDG 7 SDG 8 SDG 9 SDG 11 SDG 12 SDG 13</p>	<p>Business and Management</p>	<p>Education Information Technology</p>

