



UMY UNIVERSITAS
MUHAMMADIYAH
YOGYAKARTA



PREFACE

International Conference of Technology on Community and Environmental Development (ICTCED) is an international event organized by Universitas Muhammadiyah Yogyakarta (UMY), Indonesia. This conference is designated to address various issues and studies related to the topic of "GREEN TECHNOLOGY FOR FUTURE 4.0 COMMUNITY AND ENVIRONMENT".

This conference is part of the contribution to the advancement of science and technology that benefits humans and protect environment. This conference focuses on addressing the environmental impact of Green Technology practices starting from crop water purification, recycling, waste management as well as harnessing variety of energy sources and many others. The scope covered in this conferences are:

- Clean Technology
- Infrastructure, Disaster Mitigation, and Sustainability
- Agriculture and Food Industry
- Educational Technology
- Green and Blue Economy

This conference has participated by many researchers from Uzbekistan, Australia, Japan, Vietnam, Pakistan, Malaysia, Spain, and Indonesia. The diversity could bring various opinions about community development in science and technology from other regions. The editorial board and reviewers of ICTCED 2023, being experts in their respective areas, aimed to guarantee the high quality of published papers. The publications aspire to make a significant contribution to the development of human welfare.

Our sincere appreciation goes out to all the participants, keynote speakers, committees, and other individuals who contributed to the success of this conference.

Committe of ICTCED 2023