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PROCEEDING

**1ST INTERNATIONAL STUDENT CONFERENCE (ISC)
PANGKEP STATE POLYTECHNIC OF AGRICULTURE**



**"Innovative Solutions for Global
Challenge: Bridging Disciplines for a
Sustainable Future"**



PANGKEP - INDONESIA

DECEMBER 17TH, 2024

PROCEEDING

THE FIRST INTERNATIONAL STUDENT CONFERENCE (ISC) PANGKEP STATE POLYTECHNIC OF AGRICULTURE



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a Sustainable Future”***

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FOREWORD

We extend our deepest gratitude to the Almighty for His blessings and guidance, which have enabled us to compile and publish the proceedings of the First International Student Conference (ISC) of Pangkep State Polytechnic of Agriculture, held on December 17, 2024. The conference theme, "Innovative Solutions for Global Challenges: Bridging Disciplines for a Sustainable Future," underscores our commitment to fostering interdisciplinary collaboration in addressing global issues.

This conference serves as a platform for students from diverse academic backgrounds to exchange ideas, innovations, and research findings that contribute to resolving global challenges in pursuit of sustainability. Through interdisciplinary engagement, we strive to generate innovative and practical solutions that will benefit society.

The First ISC is honored to welcome participants from five countries—Indonesia, Japan, Taiwan, Malaysia, and the Philippines—who bring diverse perspectives and expertise. The conference encompasses a wide range of academic fields, categorized into the following seven thematic areas:

1. Agricultural, Veterinary, Freshwater, and Marine Science
2. Engineering & Technology
3. Business Administration, Management, and Accounting
4. Social Science
5. Cultural Studies and Humanities
6. Community Environment
7. Health and Well-Being

We sincerely appreciate the contributions of all keynote speakers, presenters, participants, reviewers, and the organizing committee, whose dedication and active engagement have been instrumental in the success of this conference. Your commitment has enriched this event and provided valuable insights for academia and industry.

It is our hope that these proceedings will serve as a valuable reference for academics, practitioners, and stakeholders in developing innovative approaches to the increasingly complex challenges faced by our global community.

We wish you an insightful reading experience, and may this work be of benefit to all.

Pangkep, January 2025

ISC Polipangkep

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