

**JOURNAL OF SCIENCE, TECHNOLOGY AND INNOVATION POLICY AND
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FOREWORD by EDITOR-in-CHIEF

We are pleased to present the STIPM Journal Vol 7, No. 2, December, 2022. This issue brings together research findings related to science, technology, and innovation policy and management from Indonesia.

First article was written by *Togar M. Simatupang, et al.* entitled Indonesia's innovation policies: evolution and institutional structure. This article discusses developments in innovation policies in Indonesia in terms of institutional structure and implementation of innovative programs and tries to identify how the innovation policy has developed through quantitative analysis of innovation, science, and technology regulations starting in 2004.

Maulana Akbar, et al. present an article entitled The long journey of Indonesian science and technology policy during the new order period (1968-1998). his study examined Indonesia's science and technology (S&T) policies from 1966 to 1998. The research investigated how the government identifies S&T problems, plans policies, and implements policies to support S&T development using the primary source of national development planning, the six-volume Five-Year Development Plan (Repelita).

Erman Aminullah presents the Dynamics of capability upgrading in Indonesian herbal medicine firms by using the system dynamics modeling. The study's findings confirmed the concept of technology upgrading in the capability ladder, which begins with 'operational capability', progresses to 'technical capability', increases to 'design and engineering capability, and finally develops to 'technology development capability'.

Winda Anestya Ayunda, et al. present the fourth article entitled Multi-stakeholder collaboration to enhance the scaling impact of *Jarwo Super* technology: An innovation platform perspective. This study examines the collaboration of multi-stakeholders in the process of development and diffusion of the Jajar Legowo (Jarwo) Super technology through the innovation platform perspective.

The fifth article entitled Digital transformation in the agriculture sector: Exploring the shifting role of extension workers by *Chris Sugihono, et al.* This paper incorporated qualitative data (online observation) gathered via the World Wide Web and used unobtrusive observation technique, as well as data from a literature review to (1) examine how digital technologies are transforming the agricultural sector and (2) investigate the changing roles of agricultural extension workers in the digital era. The findings revealed that digital technology is altering the agricultural sector in two ways: the food system and the agricultural knowledge and innovation system.

Finally, *Mia Rahma Romadona, et al.* Present Psychological elements of the actors as an intangible factor in the co-creation process. The purpose of this study is to look into the psychological aspects of the actors as an intangible factor in the co-creation process between the Indonesian company PT X and the Indonesian Public Research Institute Y (PRI Y) through using Gerlink LIPI High Flow Nasal Cannula 01 (GLP HFNC 01) as a technological innovation.

The STIPM Journal has indexed in Google Scholar, ISJD, IPI, DOAJ, BASE, and OCLC World Cat. This make the journal dissemination wider. We would like to thank all the reviewers for their excellent work and the authors who kindly contributed their papers for this issue. We are also indebted to the *STIPM Journal* editorial office at BRIN.

We are expecting that STIPM will always provide a higher scientific platform for the authors and the readers, with a comprehensive overview of the most recent STI Policy and Management research and development at the national, regional dan international level.

Happy New Year 2023 to all of you.

Jakarta, December 2022

Editor-In-Chief