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P11 - "KAWANANGAN : ASTRONOMICAL CENTER OF OBSERVATORY FOR ACADEMIC RESEARCH AND DEVELOPMENT IN MINDANAO"

Monday, 23 November 2026 11:30 (30 minutes)

The Cosmos is the primary resource for astronomical science that is connected by the Astronomical Center of Observatory for Academic Research and Development in Mindanao, Philippines. However, the field of astronomical science requires further development to achieve its full potential according to PAGASA. This project aims to elevate the nation's scientific landscape, thereby fostering its growth.

Recognizing the scientific limitations of the country, the purpose in implementing the study is to build up opportunities for Filipinos, inspiring them to aim higher and to comprehend the vastness of what is beyond humans can possibly reach that could lead to national scientific development. It is pursuing to contribute to space discoveries, innovation and invention, unlocking possibilities for potential groundbreaking contributions. Site selection process was conducted, primarily utilizing Multi-criteria Decision Analysis for Optical Observatories, with the goal of maximizing the observatory's capabilities through the architectural perspective.

The results of this study recommend Indulang, Talakag, Bukidnon, Philippines as the selected location. This finding signifies a significant step towards establishing a foundation for research and development within the Philippines, opening up their horizon to become a global key contributor to space exploration and discovery, while also generating local economic opportunities and fostering educational advancements in STEM fields with the assistance of the architectural design.

Primary author: JAYSON, Jessamine

Presenter: JAYSON, Jessamine

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