

PKM KALURAHAN SENDANGSARI: INTEGRATING CULTURE AND TECHNOLOGY IN THE FIELDS OF EDUCATION, AGRICULTURE, ANIMAL HUSBANDRY AND VILLAGE TOURISM TO ACHIEVE SDGs AND STRENGTHEN VILLAGE LOCAL WISDOM

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ABSTRACT

Arts and cultural activities are important to preserve and introduce the cultural heritage of a region, such as in Sendangsari sub-district, Pengasih district, Kulonprogo. However, many local traditions are endangered due to technological developments and modernization. Therefore, local tradition revitalization activities integrated with education and technology can strengthen cultural roots in the form of local wisdom. This activity involves the community in recognizing and appreciating local traditions through educational programs, arts & culture festivals, local product exhibitions, and technology implementation. Education can increase people's awareness and interest in their local traditions, while technology can help in recognizing, promoting, and marketing their art culture more widely. Ethnoscience learning can be used in this activity, which emphasizes understanding and respect for cultural diversity and traditional knowledge.

This revitalization activity was carried out for three years, starting with identifying art and cultural heritage, compiling a book on the potential of Sendangsari arts and culture, a book on the potential of MSMEs, and making typical Sendangsari art. Not to forget the preparation of ethnoscience learning tools and supporters in the form of traditional game books. Furthermore, the preparation of village human resources is carried out by providing training to village instructors, PAUD, SD, and SMP teachers on traditional games and local arts and culture as well as learning methods that integrate local wisdom into ethnoscience-based learning. In the second year, it is planned to train the community to develop activity packages based on culture and village potential. The third year is focused on cultural titles and optimizing the use of technology for documenting, socializing, and promoting Sendangsari's local cultural wisdom so that it can become a cultural tourism asset. This activity is expected to strengthen intergenerational relationships, increase art-culture awareness, realize the Village SDGs which include quality Village education, dynamic Village and adaptive Village culture, partnerships for Village development and equitable Village economic growth through art-culture optimization to support tourism.

The targeted outputs in the first year are: Improved skills of teacher partners to teach ETNOSAINS & / STEAM; Skills of art-cultural actors in Art-Busaya activities; Articles in international seminar proceedings with ISBN-The 6th INTERNATIONAL CONFERENCE ON ARTS AND DESIGN EDUCATION (ICADE); Articles in electronic mass media Online / accessible <https://www.krjogja.com/>; Video content of the implementation of activities Published <https://youtu.be/HPL7CRnaj4E?si=Pv6zMklouxVD8RJq> and <https://youtu.be/ZhTrGauGRM>

Kata Kunci: *Ethnoscience, Cultural Integration, Village Tourism, SDGs, Local Wisdom*