

Pemberdayaan Karang Taruna Melalui Keterampilan Las di Krapyak IX, Seyegan, Sleman

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ABSTRACT

Krapyak XI Hamlet is a micro, small and medium enterprise (MSME) which is engaged in mechanical engineering and appropriate technology. Located in Wates, Kulon Progo Regency, this UKM has grown rapidly since 2021 starting to collaborate with the Department of Mechanical Engineering Education (now the Department of Mechanical Engineering Education). The partnership that has been established is very sustainable, so that in 2023 the problem the partners want to solve is improving the quality of machine construction in terms of design, work processes that pay attention to Occupational Safety and Health (K3), and the quality of welded joint construction. The problem solving offered by the UNY team includes training and assistance on machine construction design, training and assistance on K3-based work processes, and training and assistance on machine construction welding. This activity will be carried out from March – September 2023. The activity method used is to carry out direct training for three days on the main material and continue with assistance during post-training implementation. The results of the progress and impact of the activities on Krapyak The output of PkM is that 3 students were involved in the Institutional PkM program, the Implementation of Arrangement manuscript, and Submitted in the Scopus International Journal.

Kata Kunci: *karang taruna, kampung emas, keterampilan las, krapyak seyegan*