

PENGAYAAN DAN PEMBUATAN LKPD TERBIMBING MATERI BIOTEKNOLOGI BAGI GURU IPA BIOLOGI SMP MUHAMMADIYAH KABUPATEN SLEMAN

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ABSTRACT

One of the duties of a lecturer in the Tridharma of Higher Education is to do community service. From the results of problem mapping in Muhammadiyah junior high schools throughout Sleman Regency, it is known that Biotechnology material in Biology Science lessons is one of the materials that is difficult for students to understand and teachers have difficulty conveying. This is due to several things including the lack of teacher knowledge about Biotechnology, the inappropriate method used by the teacher in delivering the material and the lack of adequate teaching materials and learning media to be able to help students understand Biotechnology material. This PPM activity aims to provide material enrichment and the creation of a guided LKPD for Biology science teachers at the Muhammadiyah junior high school level in Sleman Regency. Activities are carried out online with Zoom meeting facilities. The main activity lasted for 3 days with the main material being the strengthening of teachers' knowledge of Biotechnology, followed by the method of delivering material and making LKPD. The results of the LKPD made by the teacher will be discussed with the PPM TEAM and other participants so that they can be better prepared for use. The results of the evaluation showed a significant increase in understanding of biotechnology materials and the making of LKPD.

Kata Kunci: *Biotechnology, LKPD, guided*