

CONVENTIONAL MOTORCYCLE TO ELECTRIC MOTORCYCLE CONVERSION TRAINING FOR TBSM SKILLS COMPETENCE VOCATIONAL SCHOOL TEACHER IN KLATEN REGENCY

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ABSTRACT

The government continues to strive to reduce fuel consumption and air pollution in Indonesia. Various efforts have been implemented, including the development of biofuels and most recently the development of electric vehicles. To support the government's efforts, all components of the nation must be involved and play an active role. Vocational school teachers, especially TBSM teachers have a crucial role in equipping their students with knowledge and skills about electric vehicles. Unfortunately, most of the TBSM Vocational School teachers, especially in Klaten Regency, have not mastered the subject matter of Electric Vehicles. Therefore, it is necessary to carry out training related to the theory and practice of converting conventional vehicles to electric motorbikes for them. To increase understanding and skills, training will be carried out in the form of providing theoretical and practical material for TBSM Vocational School Teachers in Klaten Regency. The results of the training have an impact on increasing teachers' knowledge of the conversion of electric vehicles with technical specifications on the market. Skills improvement for teachers has also increased with the practice of assembling electric motorbike conversions. From this it has an impact on the motivation of teacher participants to develop and make their own learning media for converting electric motorbikes.

Kata Kunci: *Conversion, Electric Vehicles, Motorcycles, TBSM, Vocational High School*