



**T**AHIRI FADILA, born in Timimon, Algeria in 1995, is an accomplished individual with a strong academic background and research interests in the field of electrical control. He obtained his License degree in electrical engineering from Ahmed Draya University, ADRAR, Algeria in 2015. Subsequently, he pursued a Master's degree in Electrical Control at the same university, completing it in 2017. Currently, TAHIRI FADILA is a doctoral student in Electrical Control, engaging in collaborative research with the LDDI Laboratory at Ahmed Draya University, Adrar, Algeria, and Farhat Abbas 1-Setif, Algeria. His doctoral research focuses on the optimal control and management of multi-source, multi-load systems, hybrid systems based on renewable energy and storage devices, optimization techniques, and genetic algorithms.

**Paper ID : 26-**Comparative study of the MPPT methods applied to the PV system; Perturbation & Observation technique, sliding mode control and fuzzy logic control,

**Authors:** FADILA TAHIRI, ABDELKADER HARROUZ, ILHAMI COLAK, HARTANI MOHAMMED AMINE.