# पेटेंट कार्यालय
# शासकीय जर्नल

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(57) Abstract :
Eco-Friendly Fully Renewable Energy-Based E-Vehicle for Movement in Campus of Bundelkhand University Abstract An inventive solution is presented in this patent draft namedEco-Friendly Fully Renewable Energy-Based E-Vehicle for Movement in Campus of Bundelkhand University." The invention provides a sustainable electric vehicle system fueled by renewable energy sources, more notably solar energy, to address the environmental issues raised by conventional fossil fuel-based transportation systems. The system is controlled by a specific mobile application and is built for effective movement within the Bundelkhand University campus. High-efficiency solar panels built into the body of the electric car capture solar energy, which powers the electric motor through cutting-edge batteries. An easy-to-use smartphone application lets customers quickly and easily reserve, find, and access accessible electric vehicles. The invention also has an intelligent auto engine switch-off capability outside the school limits to encourage responsible energy use. Throughout the campus, solar-powered charging stations serve as the infrastructure. By drastically reducing carbon emissions and air pollution, this environmentally responsible method offers a practical and affordable transportation option. The invention is fully described in the patent document, emphasising how well it advances sustainability and fosters a cleaner campus environment.

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