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| **Abstract:** |  |
| In this project, heat energy is used for generating electrical energy by a conversion process. The energy harvesting from the heat of motorbike has become a new source of portable energy for rechargeable gadgets. In contrary, the conventional  nonrenewable energy sources have likewise added to an expansion in contamination on the planet and a disintegration of human wellbeing. From the electrical energy, the mobile phone will be charged. A thermoelectric generator has been connected to the hot portion of the motorbike and while riding the bike, any kind of chargeable device will get charged. The prototype of this research work has effectively harvested electrical energy from heat using thermoelectric generator and has managed to provide enough power at different speeds of the motorbike. | |