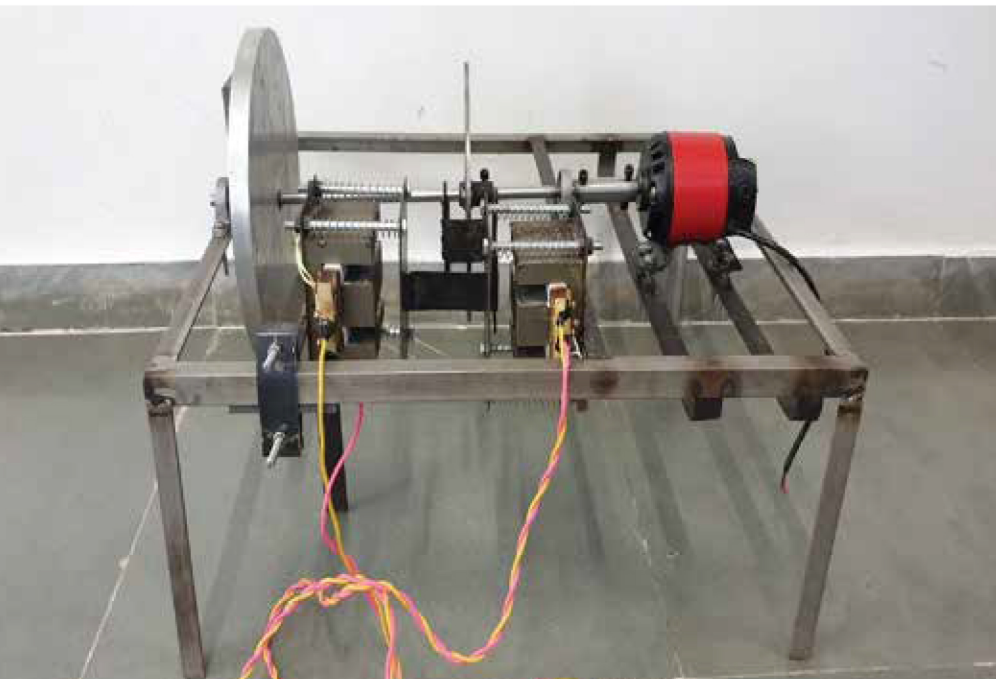


The steady development in automobile industries has made cars faster, but there hasn't been significant development in the safety and efficiency of brakes. There is a need for developing a safer and efficient braking system. This project aims to create a hybrid braking mechanism which is a combination of eddy current braking mechanism and electromagnetic braking mechanism. It provides a better braking mechanism for high speed vehicles by reducing the wear and tear of brake pads at higher speeds by eliminating contact. The mechanism uses eddy current braking at very high speeds and electromagnetic braking at lower speeds to bring the vehicle to a complete halt.



36 PROJECT

DESIGN AND FABRICATION OF A HYBRID BRAKING SYSTEM

Alfred V K
ME

Aman Vishwakarma
ME

Badal Dey
ME

Brain Lara
ME