



POORNIMA

COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

REPORT ON

HAYAGRIVA (Go-Kart Ver. 2.0)

Department of Mechanical Engineering, PCE, exhibited Go-kart Vehicle named as "HAYAGRIVA" on during Sep 10-13, 2018. The basic objective of design and fabrication of this car was to provide an industry exposure with real time experiment which may enhance their technical skills leading towards progress and development of society and nation. The opportunity of making this car gave the students a chance to be familiar with the professionals working in various industrial level and sectors.

It is a racing car that was fabricated by 22 student members of the department. The car has 135 CC four stroke DTS-I Petrol Engine. It produces 8.53 Bhp and 11.4 Nm of torque. Maximum speed of this racing car is 75 kmph. Students participated in National Go-kart Racing Championship at RKDF University Bhopal. It was organized by Immortal Motors. Students have won following prizes – Best Endurance Award of worth Rs. 35000/-, First Endurance Award, Best Quality Award of worth Rs. 5000/- and 2nd Best Faculty Advisor Award.



