



# POORNIMA

## COLLEGE OF ENGINEERING

### Department of Mechanical Engineering

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#### **A Brief Report of Inaugural of Hybrid Vehicle “HAYAGRIVA” on Feb 14, 2017**

Department of Mechanical Engineering, Poornima College of Engineering, Jaipur has inaugurated Hybrid Vehicle “HAYAGRIVA” on Feb 14, 2017. Hayagriva is a hybrid vehicle a **FORMULA-4** racing car that is fabricated by 26 student members of the department. Car has 209 CC four stroke one cylinder Petrol Engine. It produces 6.5 BHP and 12Nm of torque. Maximum speed of this racing car is 80 kmph. It is fitted with 1500W, 48V electric motor, which provides the feature of hybrid.

Group of students are going to participate in Car racing competition at Buddh International Circuit (BIC), Noida during Feb 15-20, 2017 which is being organized by Imperial Society of Automotive Engineers.

The occasion witnessed the presence of Dr. S.M. Seth, Chairman, PF & Chairperson, Poornima University; Mr. Naveen Mathur, General Manager, Morani Hyundai, Jaipur; Mr. Rahul Singhi, Director, PF; Dr. Om Prakash Sharma, Director, PCE along with the faculty members and students of Mechanical Engineering Department.

**Dr. Om Prakash Sharma, Director PCE** in his opening remarks informed that Hybrid Vehicle Challenge (HVC) is the Asia's largest vehicle challenge for the engineering/diploma students. HVC gives opportunity to students for placements, research and engineering skill development.

There after **Mr. Naveen Mathur, General Manager, Morani Hyundai**, Jaipur congratulate the students for their project. He added that this will help students to face real-world engineering design projects and other related challenges in times to come.

**Dr. S.M. Seth, Chairman, PF & Chairperson, Poornima University** motivated the students by his words of wisdom. He added that Project like Hayagriva is an initiative taken up on the shoulders by the students of Department of Mechanical Engineering, Poornima College of Engineering, Jaipur to accelerate our dreams towards reality. Being a Mechanical Engineer, it's our foremost concern to come up with innovative ideas to drive the society in a right direction, towards a hybrid future. To fulfill this requirement, the Mechanical Engineers came across an idea to visualize and design a hybrid vehicle.

The session ended with interaction between the experts of Hyundai Motors and students.



