



Date: 22/03/2017

## REPORT ON

### Participation in National Auto India Racing Championship 2017

#### Objectives:

1. To optimize cost and weight .
2. To inculcate knowledge of design and working of Static components of Automobile like Chassis, Braking, and Steering.
3. To analyze the dynamic performance of Vehicle by design and Manufacturing the kart.
4. To enhance the students towards the global computation.
5. To adopt recent technology.

**Potential Participant** : UG Students

**No. of Team Across India** : 38

**No. of Participants (MMIT)** : 20 (Team MECH-CHEETAH)  
20 (Team AUTO-PRIDE)  
20 (Team STORM-TROOPERS)

**Result** : 1. Won second prize for Best Design  
2. Dronacharya Award to Prof. G. N. Kadam

**Venue and Date** : DPCOE, Wagholi Pune & 17/03/2017 to 19/03/2017.

#### Outcome:

- Optimize weight of the vehicle
- Students learn, design and manufacture the kart
- Students did Finite element analysis of different part like knuckle, hub and brake pad.

# Jaihind College Of Engineering

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Hon'ble **Tatyasaheb Gunjal**, Founder President

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Prof. G. N. KADAM

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