

# Walchand Institute of Technology, Solapur.

## Mechanical Engineering Department

### ACCELERATION 2015-16

Acceleration is a National Level Technical Symposium being organized by Mechanical Engineering Department through Mechanical Engineering Students Association (MESA) every year. This competition consists of various events.

#### Objectives:

1. To Improve drawing and drafting skills.
2. To make student use latest software for modeling purpose.
3. To provide exposure of practical aspects in machining and assembly to the students
4. To improve soft skills, managerial and interpersonal skills

#### Outcomes:

Student will be able to...

1. Use the modern software for drawing and modeling of product as per drawing
2. Analyze drawing & Machine the component as per it within a stipulated time span with specified dimensional accuracy.
3. Get hands on experience of General & Quantitative tests through CAT-MAT-ability.
4. Plan, to develop logical thinking & maintain defined level of accuracy.

#### Events in Acceleration:

1. **Logo Quiz:** Industries and commercial business units always search different ways to emotionally connect and influence the public and the prospective customer. They want to create strong brands to draw people towards them and create a deep rooted emotional connect. The quiz is meant to stimulate students to look at industries not just from the financial side but how they perceive themselves and want the public to perceive them. The process of exploring logos and tag lines will reveal important aspects of the company's history, its management style and its evolution over the years.
2. **Assembly Drawing Race:** Students get hands on experience of the practical aspects of production drawing.
3. **Workholics:** Students perform various machining operations on Lathe machine as per the drawing with certain level of dimensional accuracy, finish and have to complete the job within stipulated time.
4. **CAT-MAT-ability** - In this event quantitative and general aptitude tests are conducted in two rounds where general and quantitative knowledge, logical thinking ability assessed.

5. **CATIA Race** is an event in which a product drawing is provided and students complete the model using CATIA software in a given time. Students will get acquainted with various tools and commands of software.

<b>Details of Participation in Various Events</b>					
<i>Sr. No.</i>	<i>Name of Event</i>	<i>Conducted for (Specify Branch and class of Students)</i>	<i>Dates</i>	<i>Total No. of Students participated</i>	<i>No. of Students from other institutes participated</i>
1	Logo Quiz	All Mechanical classes (F.E. to B.E)	19/9/2015	72 participants	44 participants
2	Assembly Race	All Mechanical classes (S.E. to B.E)	19/9/2015	36 teams 72 participants	12 teams 24 participants
3	Workholics	All Mechanical classes (S.E. to B.E)	19/9/2015	26 teams 52 participants	05 teams 10 participants
4	Cat Mat Ability	All Mechanical classes (F.E. to B.E)	19/9/2015	237 participants	55 participants
5	Catia Race	All Mechanical classes (S.E. to B.E)	19/9/2015	18 participants	5 participants

- 1. Auto World Solapur has sponsored Assembly Race Event by providing Assembly kit & technical assistance.**
- 2. J.K Systems Pune & TIME Solapur have sponsored Prize Amounts for Logo Quiz & CAT- MAT Ability respectively worth Rs. 10000 each..**