

Bharati Vidyapeeth  
(Deemed to be University), Pune, India  
College of Engineering, Pune  
Department of Mechanical Engineering

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**Department Activities:**

**MESA Events-**

Every year MESA (Mechanical engineering student association) organizes different technical and Non-technical to encourage the students. This helps the students to develop the various skills viz. communication, coordination, leadership, attitude, time management, ability to do work in group. List of different events and Number of students Participated is as follows.

**(2018-19)**

<b>Sr. No</b>	<b>Name of Event</b>	<b>Number of students Participated</b>
1	Second Year Students Welcome	36
2	Engineering Day	34
3	Teachers Day	30

**(2019-2020)**

<b>Sr. No</b>	<b>Name of Event</b>	<b>Number of students Participated</b>
1	Second Year Students Welcome	42
2	Engineering Day	28
3	Teachers Day	28
4	Quiz Competition	81

**(2020-2021)**

<b>Sr. No</b>	<b>Name of Event</b>	<b>Number of students Participated</b>
1	Engineering Day	145
2	Quiz Competition	111
3	Expert Talk	73

(2021-2022)

Sr. No	Name of Event	Number of students Participated
1	Engineering Day	145
2	Expert Talk on Introduction of Robotics and Robocon Competition	72
3	Expert Talk on “A Design Persona”	84
4	Aptitude Test- I (Number System, H.C.F. and L.C.M. of Numbers)	111
5	General Quiz Competition- I	82
6	Expert talk on THE ECONOMIC WAY OF THINKING FOR ENGINEERS”	69
7	Aptitude Test- II (Simplification, Square roots, and Cube roots)	57
8	Aptitude Test- III (Problem on age, Surds,	59
9	General Quiz Competition- II	46

### **BHARATIYAM**

Under MESA Students organizes the different events in national techo-cultural event namely BHARATIYAM. Students organize the technical events viz. Game of Thrones. This helps the students to develop the various skills viz. communication, coordination, leadership, attitude, time management, ability to do work in group.

### **Bharatiyam 2k19**

Sr. No	Name of Event	Number of students Participated
1	Autonomous Tractors / Drones and Robotics and Precision in SMART Farming	75

### **Student Activities:-**

Students are actively involved in following society activity:

SAE: through this activity students are exposed to the design and manufacturing of the racing cars as per the specification provided by BAJA competition.

NKRC: Students get the opportunity to correlate the theoretical knowledge to practical application using various engineering tools.

Every year the students are encouraged to design, manufacture and analysis of the racing car. This helps the students to develop the various skills viz. communication, coordination,

leadership, attitude, time management, ability to do work in group. Following students are actively represented at the national level.

Sr. No.	Chapters/events	Number of students Participated	Academic Year
1	Virtual Baja SAE India 2018 Chitkara University Punjab	52	2018-19
2	Indian Karting Championship 2020 Kolhapur, Maharashtra	25	2019-20
3	TIFAN SAE India 2021	42	2021-22

#### **Publication of technical magazines and newsletters:**

Institute and department provide the platform to explore the inherent talent at individual as well as group level. Technical, cultural, sports and social magazine called “*Genre*” is published at institute level annually. To encourage techno cultural environment among the students department also publish the magazine “*Avanti*”

Following students are actively participated in preparation of news letter and magazine at the department and institute level.

Sr. No	Name of Publication	Name	Publisher	Year
1	MESA 18	Parcham	Department of Mechanical Engineering BVDUCOE Pune	2018-19

#### **Event Organized for Technical and Skill development:**

Sr. No.	Name of the FDP	National/ International	Number of Participant	Year
1	Future Material: Nanocomposites	National	800	2019-20
2	Research Opportunities in Advanced Manufacturing Processes	National	350	2019-20
3	Research in Energy Technologies	National	300	2020-21
4	Research Opportunities in Robotics and Automation	National	400	2020-21
5	One Week Online Program on Recent Advances in Mechanical Engineering Design	National	200	2021-22
6	One day workshop on “Nano structured Materials for Energy and Environment”	National	126	2022-23

