### **Key Indicator- 7.3 Institutional Distinctiveness (20)**

7.3.1 Describe/ explain the performance of the institution in one area distinctive to its vision, priority and thrust (20)

Upload description of the institution performance in one area distinctive to its vision, priority and thrust in not more than 500 words.

#### **Response:**

#### 1. MEGA ATV CHAMPIONSHIP 2020-21 (Season 5 & 6)

1. A team of 30 students (BLITZKRIEG GROUP) participated in **MEGA ATV CHAMPIONSHIP 2021** organized by Auto Sports India in association with FMSCI in Goa, Maharashtra from 09 April to 13<sup>th</sup> April 2021. (Season 5 & 6)









## List of Members (ATV Championship 2021)

Sr. No.	Full Name	Year
1	Vishram Milind Sadekar	BE Mech)
2	Pratik Chandrashekhar Khandkar	BE Mech)
3	Dhruv Shashank Vartak	BE Mech)
4	Parag Bhoneshwar Raut	BE Mech)
5	Akash Rohidas Ranpise	BE Mech)
6	Sanket Sandeep Jadhav	BE Mech)
7	Amit Balaso Wagharalkar	BE Mech)
8	Rohit Narayan Katkar	BE Mech)
9	Kaustubh Rajan Mhatre	BE Mech)
10	Sohel Rauf Shaikh	BE Mech)
11	Sakir Kalimuddin Shaikh	BE Mech)
12	Harshad Anil Parab	TE Mech)
13	Omkar Vijay Gawde	TE Mech)
14	Shaikh Fahad Ali	TE Mech)
15	Kartik Balkrishna Patil	TE Mech)
16	Akshay Santosh Ghadge	TE Mech)
17	Bhavik Tulsidas Tamore	TE Mech)
18	Nakib Nisar Shaikh	TE Mech)
19	Deepak Hemant Parab	TE Mech)
20	Akash Kallappa Patil	TE Mech)
21	Nitin Suhas Patil	TE Mech)
22	Sagar Anant Ombale	TE Mech)
23	Roshan Dattatray Killedar	SE Mech)
24	Vighnesh Uday Kargutkar	SE Mech)
25	Mohit Vaibhav Mahale	SE Mech)
26	Bhavesh Harishchandra Waghmare	SE Mech)

### 2. Smart India Hackathon 2020

A team of 06 students (REBELZ GROUP) participated in Virtual **Smart India Hackathon 2020** organized by MHRD Government of India Software Edition grand finale from 01 August 2020 to 03 August 2020.







ntips://micds.aicte-india.org/cert-module/termolates/participation/participation certificate generator.php?email-hemanttanvee1998@gmail.com





#### 3. MINI PROJECT EXIHIBITION 2019-20

### **Objectives:**

Mini projects for Mechanical Engineering as well as Electrical Engineering students give an edge over the race of recruitment to work hard and to ensure a good career.

The importance of making mini-projects cannot be over stressed, experts say. In spite of employment practices in recent times, students are progressively taking up mini-projects to pad up their skill-set, they add where students have been placed in their third year before the final-year project.

### **Description:**

Students can gain practical knowledge. In spite of theory concept you acquire, various industries also need to know your capacity to complete projects using your specific initiative. So, we recommend students do mini engineering projects in their third years of engineering and try to present as many white papers as possible in the engineering third year. The following steps are the most important reasons why students should give more importance to mini projects.

Currently, engineering students show interest in making mini projects as they realize the value of practical training. But due to the software boom, until newly final year projects were not reserved seriously both due to the allowance given to them and also students had previously been employed by the time they came into the final year. And also, there are many students telling that with the few internship, making mini projects students can gain practical knowledge.



#### **Outcomes and Achievement:**

#### **Mechanical Engineering and Electrical Engineering Mini Projects:**

- **1. "Rocker Boogie Mechanism"** from Mechanical students has won the mini project exhibition competition 2019.
- 2. "Wall Climbing Robot" from Mechanical students has secured runner up-I in the competition.
- **3. "Voice Controlled Car"** from Electrical students has secured runner up–II in the competition.

# **Winning Teams**

Sr. No.	Project Title	Group Members	Branch/Year/Sem	Rank
01	Rocker Boogie	1) Mr. Ansari Ahmedraza	MECHANICAL/TE/VI	1st Winner
	Mechanism	2) Mr. Ansari Dayan		
		3) Mr. Bisht Rahul		
		4) Mr. Jiggeshprasad Gupta		
02	Wall Climbing Robot	1) Mr. Kunal Agre	MECHANICAL/TE/VI	2 <sup>nd</sup> Winner
		2) Mr. Shreyas Bagwe		
		3) Mr. Daywat Bari		
		4) Mr. Gangasagar Chauhan		
03	Voice Controlled Car	1) Mr. Yogesh Gharat	ELECTRICAL/TE/VI	3 <sup>rd</sup> Winner
		2) Mr. Nilesh Chauhan		





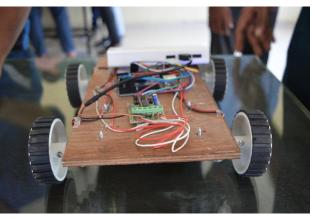


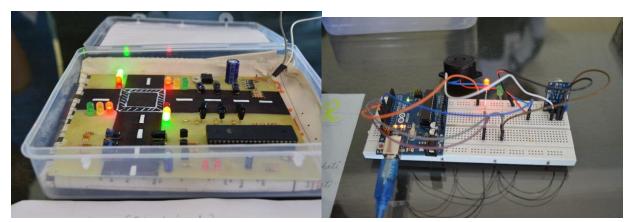
















➤ List of the following mini projects from Mechanical and Electrical students have participated in Mini project Exhibition April 2019.

Sr. No	Title of Mini project	Branch
4	Fire Fighting Robot	Mechanical
5	Two way Visitor Counter	Mechanical
6	Density Based Traffic Signal Control	Electrical
7	Water Level Indicator	Mechanical
8	RFID Based Attendance System	Electrical
9	Automatic Light Control	Electrical
10	Arduino Based Date & Time Control	Electrical
11	Hear Rate Monitor	Electrical
12	Fingerprint Door	Mechanical
13	Heart Beat Sensing Device	Mechanical
14	Arduino Based Distance Measurement System	Mechanical
15	Electronic Voting Machine By Using Arduino	Electrical
16	Smart Dust bin	Mechanical
17	Automatic Timer	Mechanical
18	Object Counter	Mechanical
19	Antitheft Alarm System	Electrical
20	Scissor Lift Table	Mechanical
21	Watts Mechanism	Mechanical



Principal (Dr. Shah Aqueel A.)

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