

REPORT

ON

PROJECT FAIR - 2019 (HELD ON 06/04/2019)

BY

DEPARTMENT OF MECHANICAL ENGINEERING

Abstract:

We, the Department of Mechanical Engineering organized a Project Fair of final year students. As per Gujarat Technological University guideline we organize Project Fair every year. So industry level person evaluate the student and student will get a chance to know about industry expectations.

Invited Expert persons from Industry/College:

Sr. No.	Expert Name	Designation with organization
1	Mr. Puneet bansal	Assistant Professor at U.V.Patel college of Engineering - Mehsana

Outcomes:

- This program has provided valuable insight about correction or suggestion in project of ME Students.
- Students made aware about industry expectation, and how they can make better project which is useful to society.
- Participants have explained their project to the expert and also not down some suggestion.

Overview of Various the Projects represented by students:

GROUP ID	PROJECT TITLE
1.	Automatic Reverse braking system
2.	Design and development of solar refrigeration system
3.	Inspection and cleaning of pipe by robot
4.	The multi tool holder cutting attachment on shaper
5.	Design, structural analysis and optimization of UTM
6.	Design and fabrication of involox omnidirectional wind mill
7.	Design and fabrication of Cycle operated sprayer
8.	Increasing the efficiency of rod by changing material of roller
9.	Design and fabrication of cassava cleaning machine
10.	Analysis on effects of baffles in shell & tube heat exchanger
11.	Design and development of windmill for electricity generation by vehicle speed
12.	Foot step power generation
13.	Pneumatic lifting and moving machine

Top three Projects:

Sr. No.	Project Title
1.	Analysis on effects of baffles in shell & tube heat exchanger
2.	Design, structural analysis and optimization of UTM
3.	Design and fabrication of involox omnidirectional wind mill

Venue : Mechanical Workshop

For whom : Mechanical Engineering Students (SemesterVIII)

Timing : 10:30 pm to 2:30 pm

No. of Participants: 48

Images (Project Fair):



[Fig.1: Student explain their project to the expert faculty]



[Fig.2: Group photo of students at Workshop]

Submitted By:

Prof. Renish Vadhadiya
Report Coordinator

Submitted on: 04/06/2019

Forwarded to

Prof. Sandeep kumar
Head of the Department
Department of Mechanical Engineering
Apollo Institute of Engineering and Technology

Attached documents

1. Attendance Sheet of Project Fair

POSTER PRESENTATION (8th SEM MECHANICAL)						
Sr. No	Enrollment No	Name Of student	Group ID	SIGNATURE	GUIDE	MARKS(Out of 20)
1	141210119002	AHUJA YOGESH JITENDRA BHAI	AJET 13	Ahuja		
2	141210119006	BHADAURIA VIVEK BRAJKISHOR	AJET 13	Vivek		
3	141210119019	NAGAR JIGNESH RAJENDRABHAI				
4	141210119023	PANDYA JIGNESH BALGOPAL				
5	141210119050	SHAH HET				
6	141210119052	SHAIKH MOHAMMADSOHEL R.				
7	141210119058	TRIVEDI SACHINKUMAR HARSHAVADAN				
8	141210119061	VAGHELA JAYRAJSINH KANAKSINH	AJET 13	Jay		
9	151210119003	BHATT DIVYESH NITINKUMAR	AJET 2	Divyesh		
10	151210119004	BIND AJAYKUMAR DALSINGAR	AJET 3	Ajay		
11	151210119007	DAVE MAYANK DIPAKKUMAR	AJET 5	Mayank		
12	151210119008	DIVYANSH AUDICHYA	AJET 1	Divyansh		
13	151210119009	DUDHAT NIKUNJ MUKESHKUMAR	AJET 2	Nikunj		
14	151210119011	GOSWAMI ARCHIT DIPAKGIRI	AJET 3	Archit		
15	151210119015	JATIN JAIN	AJET 1	Jatin		
16	151210119017	KACHHADIYA PARASKUMAR VINUBHAI	AJET 1	Paras		
17	151210119018	KANANI SANKET RAMESHBHAI	AJET 1	Sanket		
18	151210119022	MAKWANA YASHDEEPSINH RANJITSINH	AJET 4	Yash		
19	151210119023	NAGAR YASH LAXMANKUMAR	AJET 3	Yash		
20	151210119028	PATEL JAY PRAHLADBHAI	AJET 9	Jay		
21	151210119029	PATEL MASUM DIPAKBHAI	AJET 9	Masum		
22	151210119030	PATEL MAULIK VINODKUMAR	AJET 4	Maulik		
23	151210119036	PATEL RAJKUMAR MAHENDRABHAI	AJET 9	Raj		
24	151210119037	PATEL RONAKKUMAR NARENDRABHAI	AJET 3	Ronak		
25	151210119038	PATEL SAHILKUMAR RASIKBHAI	AJET 3	Sahil		
26	151210119040	PRAJAPATI AMITKUMAR DEVENDRABHAI	AJET 4	Amit		
27	151210119048	RATHOD VIPULBHAI GOVINDBHAI	AJET 5	Vipul		
28	151210119052	SHAILESHKUMAR RAMAKANTPRASAD	AJET 5	Shailesh		
29	151210119055	SOLANKI KISHAN NAVGHANJI	AJET 3	Kishan		
30	151210119056	SUTARIYA MUKESHKUMAR JIVRAJBHAI	AJET 3	Mukesh		
31	151210119057	TATI VISHAL LAXMANBHAI	AJET 5	Vishal		
32	151210119058	THAKOR JAYESH ARJANJI	AJET 3	Jayesh		
33	151210119060	VAGHASIYA KEVIN	AJET 2	Kevin		
34	151210119061	VAGHELA SURPALSINH NARENDRASINH	AJET 9	Surpal		
35	151213119003	ITALIYA RAVI				
36	151213119005	MANVAR AMIT ASHOK				
37	151214119003	BHUEE AKASHDIP HARMOHANSINGH	AJET 10	Akash		
38	151214119004	BRAHMESHWARI DUTT TRIPATHI	AJET 10	Dutt		
39	151214119005	CHAUHAN SURYAPRAKASH SUBHASHCHAND	AJET 8	Surya		
40	151214119006	CHHANTBAR UTSAV PRATAPRAY				
41	151214119008	DAVE DHAVALBHAI MANOJKUMAR	AJET 8	Dave		
42	151214119009	DHANDE RONAK RAJESHKUMAR	AJET 8	Ronak		
43	151214119010	GIRI SHUBHAM JAYPRAKASH	AJET 8	Shubham		
44	161213119001	KOTDAWALA PARTH RAKESHKUMAR	AJET 6	Parth		
45	161213119002	PANCHAL NITINKUMAR VINODKUMAR	AJET 11	Nitinkumar		
46	161213119003	PATEL AKSHAYKUMAR GHANSHYAMBHAI	AJET 12	Akshay		
47	161213119004	PATEL BHAAUMIK RAJANIKANT	AJET 11	Bhaumik		
48	161213119005	PATEL KRUNAL UPENDRABHAI	AJET 6	Krunal		
49	161213119006	PATEL RAVI DILIPBHAI	AJET 6	Ravi		
50	161213119007	PRAJAPATI AJAYKUMAR BHAILALBHAI	AJET 12	Ajay		
51	161213119009	PRAJAPATI MIHIR KHODIDAS	AJET 12	Mihir		
52	161213119010	RATHOD DHAVALKUMAR RAMSINH	AJET 11	Dhaival		
53	161213119011	SUHAGIYA PARTH VITTHALBHAI	AJET 11	Parth		
54	161214119003	GADHAVI MEET DILIPSING	AJET 13	Meet		
55	161214119005	NAYAK VRAJESH HARSHADBHAI	AJET 4	Vrajesh		
56	161214119007	VALAND MINESHKUMAR MAHESHKUMAR	AJET 6	Minish		

Images (Student attendance Sign-sheet)

[Fig.3 Attendance of AIET]

