

Creative



7th April 2018

08:45 AM TO 5:00PM

STUDENT'S POSTER PRESENTATION & PROJECT EXHIBITION



AT & Po. Dabhi, Ta. Unjha -
384170, Dist. Mehsana ,
Ph:(02767) 272009 /11/12
Fax: (02767) 272617,
Email: info@srpec.org.in
Website: www.srpec.org.in

ABOUT PROJECT FAIR

- All the students of the final year (UG & PG) are required to show their project and /or posters relating to the project at a fair
- This Fair should be open to all the students and the faculty of the college and all the neighboring industries.
- For all final year students, taking part in the Fair should be considered a necessary part of the term- work.

Sr. No.	Department	No. of groups	No. of Students
1	Civil Engineering	13	48
2	Computer Engineering	8	16
3	Mechanical Engineering	21	84

GTU INNOVATION COUNCIL

- GTU Innovation Council has arranged a Project Presentation and Poster Exhibition for all the students of the final year (UG & PG).
- All the students of the final year (UG & PG) are required to show their project and /or posters relating to the project at a fair.
- This Project Presentation and Poster Exhibition has been formed to fulfill below objective.
- Helps the students, who have done the three best projects to carry the project forward by providing design support and entrepreneurial support, as required by the students.
- Work with the Training and Placement cell of GTU to help the students obtain interview calls from good companies.

PREPARATION OF POSTERS

- Prepare the poster on material that is lightweight.
- The material can be on one sheet so that it can be rolled up for easy transport or on separate panels for individual mounting.
- Posters should be readable from a distance of 6 feet (2 meters). For adequate visibility, capital letters should be at least 3/8 inch (1 cm) high after enlargement to full poster size.
- The team of students may prepare handouts about their project for distribution at the Fair.

GUIDELINES FOR THE POSTER

- Title: Arial (86 pt)
- Team member's name, guide name, mention if
- Any other contributor: Arial (48 pt)
- Figure citation: Arial (25 or higher)
- Rest of the text: Arial (30 pt)

Venue:

Mechanical engg	Civil engg	Computer Engg
workshop	JV005 & JV011 LAB	Lab -3

LIST OF STUDENTS:

MECHANICAL ENGINEERING

Group No	Roll No.	Enrollment No.	Name	Guide Name	Title
1	14ME01	140780119001	PATEL ANKIT VISHNUBHAI	PRM	Solar Wind Distillation System
	14ME73	140780119073	SAHILKUMAR PURSHOTTAMBHAI SARSAVA		
	14ME79	140780119079	THAKUR SHIVAMKUMAR MADHUSUDANBHAI		
2	13ME42	130780119049	PATEL AGAMKUMAR MUKESHBHAI	SSP	Agricultural crop cutter
	13ME51	130780119051	PATEL BHARGAVKUMAR SURESHBHAI		
	13ME87	130780119095	SOLANKI ASHISHKUMAR SURESHBHAI		
	13ME97	130780119004	CHAUDHARI ASHISHKUMAR RAMSIHBHAI		
3	14ME09	140780119009	JADEJA SOHAM JAGADISHSINH	SSP	Development of button operated gear mechanism with combination of accelerator and clutch in two wheeler
	14ME11	140780119011	KANKODIYA GOVINDKUMAR VINODBHAI		
	14ME32	140780119032	PATEL DARSHIL DHARMESHKUMAR		
	14ME43	140780119043	PATEL KUSH SHAILESHBHAI		
4	14ME33	140780119033	PATEL DEEPKUMAR PRAKASHBHAI	HCP	Rotary work piece wire EDM machine
	14ME41	140780119041	PATEL JIMIT KUMAR PIYUSHBHAI		
	14ME65	140780119065	PRAJAPATI YASHKUMAR KAMLESHBHAI		
5	14ME78	140780119078	SUTHAR ROBIN NAVINKUMAR	VPR	Development and analysis of domestic refrigerator cum water heater & cloth dryer by utilizing condenser heat
	D15ME04	150783119003	JOSHI DARSHANKUMAR HASMUKHBHAI		
	D15ME06	150783119002	DAVE MITKUMAR HASMUKHLAL		
	D15ME12	150783119016	PRAJAPATI POORVANG JASHVANTKUMAR		
6	14ME47	140780119047	PATEL MIHIR ASHOKBHAI	VPR	Development and analysis of indirect evaporating cooling with regeneration for domestic purpose.
	D15ME01	150783119014	PATEL RAJANKUMAR ASHOKBHAI		
	D15ME07	150783119013	PATEL MITULKUMAR GOVINDBHAI		
	D15ME16	150783119009	PATEL HARESH RAMJIBHAI		
7	14ME07	140780119007	GUPTA YASHKUMAR ATULBHAI	HCP	Design and development of advance tensile testing machine
	14ME17	140780119017	MODI SACHINKUMAR SHANTILAL		
	14ME25	140780119025	PANCHIWALA BHAVIKKUMAR ASHOK KUMAR		
	14ME39	140780119039	PATEL HARSHKUMAR BHAGVANBHAI		
8	14ME13	140780119013	MALI HARDIK LERUBHAI	HCP	Waste bottle reverse vending machine
	14ME21	140780119021	OZA MOHIN KUMAR MAYURBHAI		

	14ME35	140780119035	PATEL DHRUVKUMAR MAHENDRABHAI		
	14ME69	140780119069	RAVAL CHIRAG RAJENDRAKUMAR		
9	D15ME02	150783119012	PATEL KISHANKUMAR MADHAVLAL	RVC	Automatic aeroponic system
	D15ME05	150783119017	SHASTRI SHIVAM JITENDRAKUMAR		
	D15ME08	150783119015	PATEL UTKARSHKUMAR RAMESHBHAI		
	D15ME19	150783119010	PATEL JAYKUMAR POPATLAL		
10	14ME72	140780119072	RAVAT VIPULKUMAR REVABHAI	MDP	Mini Tiller Machine
	D14ME27	140783119016	PATEL HARINDRAKUMAR SHANABHAI		
	D15ME03	150783119018	SOLANKI VIPUL BABULAL		
	D15ME10	150783119019	THAKOR SOHILSINH UDESING		
	D15ME13	150783119011	PATEL KARTIKKUMAR MAHENDRALAL		
11	14ME48	140780119048	PATEL NISHITKUMAR NAROTTAMBHAI	MPR	Automatic Bending Machine
	14ME49	140780119049	PATEL RAJ HARESHBHAI		
	14ME57	140780119057	PATEL TARUN PANKAJKUMAR		
	14ME60	140780119060	PATEL VIKI KANUBHAI		
12	14ME12	140780119012	KOTAK AJAYKUMAR NIRANJANBHAI	JBP	Mechanical plastic bottle crushing machine
	14ME24	140780119024	PANCHAL SMIT DINESHBHAI		
	14ME55	140780119055	PATEL SHUBHAM BIPINBHAI		
	14ME61	140780119061	PATEL VIRAJ PRAHLADBHAI		
13	14ME37	140780119037	PATEL DIVYKUMAR VISHNUBHAI	NA	Dual Mode Bicycle
	D15ME09	150783119006	MAKWANA HARDIK GIRISHKUMAR		
	D15ME14	150783119007	NAYI KIRANKUMAR PRAKASHBHAI		
	D15ME18	150783119005	MAHESHWARI YASHKUMAR MANOJBHAI		
14	14ME06	140780119006	DESAI NISARG MANEKBHAI	SR	Solar Vehicle
	14ME75	140780119075	SHAH SHIVAM BAKULESHBHAI		
	D14ME05	140783119026	SHAH DEEP PRAKASHKUMAR		
	D15ME11	150783119001	BHATT HARSH LALITBHAI		
	D15ME17	150783119008	PANDYA NAMRATA		
15	14ME14	140780119014	MEVADA HARSHKUMAR VASANTBHAI	MPR	Design and development of automatic bottle filling machine
	14ME16	140780119016	MODI AKSHAY NITINKUMAR		
	14ME56	140780119056	PATEL SMRUT VIJAYBHAI		
17	13ME107	130780119043	PARESHKUMAR CHAUDHARY	NA	Application of jigs & fixture in piston assembly
	D14ME20	140783119007	ILASARIYA JIGARKUMAR BABULAL		

	D14ME35	140783119031	KAPADIYA VISHAL PRAVINKUMAR		
18	11ME39	110780119045	PATEL NIKUNJ SURESHBHAI	NA	Design of parafine wax cutting machine
	12ME75	120780119052	PATEL SIDDHARTH DAHYABHAI		
	13ME070	130780119011	DARJI SANATAN KIRTIKUMAR		
	13ME073	130780119087	PRAJAPATI VIPULBHAI ASHOKBHAI		
19	14ME20	140780119020	NAYEE MUKESHBHAI ARVINDBHAI	SR	Design and febrication of paper pulping machine with effective blade design
	14ME22	140780119022	PADHIYAR VIKASKUMAR SURESHBHAI		
	14ME36	140780119036	PATEL DIVYKUMAR MUKESHBHAI		
	14ME40	140780119040	PATEL HIRENKUMAR RAMESHBHAI		
20	14ME02	140780119002	CHAUDHARI AJAYKUMAR ASHOKBHAI	PRM	Passive solar distillation with Different energy absorbing material
	14ME05	140780119005	DARJI BIMALKUMAR BABULAL		
	14ME27	140780119027	PATEL ANIRUDDHABHAI KISHANBHAI		
	14ME76	140780119076	SOLANKI SIDDHARTHKUMAR RAMESHSINH		
21	12ME79	120780119025	PATEL HARSH MAHENDRABHAI	JBP	Sand cleaning and seperating Machine
	14ME45	140780119045	PATEL MAULIKKUMAR BHARATBHAI		
	14ME67	140780119067	RABARI MOTIBHAI VALABHAI		
	D14ME06	140783119006	GADHAVI ARUNDAN VASUDAN		
22	14ME42	140780119042	PATEL KRUNAL PRAKASHBHAI	RVC	Design, development and analysis of vertical axis wind turbine for domestic use
	14ME44	140780119044	PATEL KUSHKUMAR VISHNUBHAI		
	14ME64	140780119064	PRAJAPATI TUSHARKUMAR JETABHAI		
	14ME66	140780119066	PRANAV VINAYBHAI KHATRI		

CIVIL ENGINEERING

Group No	ID No.	Enrollment No.	Name	Title	Guide Name
1	14CL27	140780106027	PATEL HANI RAMESHCHANDRA	Utilization Of Waste Plastic In Manufacturing Of Plastic-Soil Bricks	FP/SP
	14CL34	140780106034	PATEL PRIYA SHILESHBHAI		
	14CL41	140780106041	PATEL SMITKUMAR HARSHADBHAI		
	D15CL05	150783106002	BIHARI AKILABIBI JAHANGIRKHAN		
2	D15CL08	150783106011	SONI SHREEJI MANOJKUMAR	Environmental Friendly Water Filter	BS/TK
	D15CL09	150783106009	PRAJAPATI SANJAYKUMAR KARSHANBHAI		
	D15CL10	150783106008	PRAJAPATI KALPESHKUMAR		

			MUKESHKUMAR		
3	D15CL04	150783106007	PATEL SMIT RAMESHKUMAR	Analysis of beam reinforced with GFRP bar	SP/FP
	D15CL06	150783106001	AZAD RAJAN MAHENDRAKUMAR		
	D15CL07	150783106004	PATEL CHINTUKUMAR RASIKBHAI		
	D15CL13	150783106003	GAJJAR PRAVINKUMAR SURESHBHAI		
4	14CL40	140780106040	PATEL SMITKUMAR NARESHBHAI	Pavement Repair and Rehabilitation by Overlay using IRC - 81 Guidelines	HVP/FP
	14CL53	140780106053	TRIVEDI MILANKUMAR SANJAYBHAI		
	14CL18	140780106018	OZA ADESHKUMAR PRAKASHBHAI		
	14CL46	140780106046	RAJPUT AJAYSINH DAMARAJI		
5	13CL18	130780106033	PATEL KEYUR SOMABHAI	Use of Steel Slag in flexible pavement	HVP/NC
	13CL48	130780106030	PATEL JAYKUMAR SURESHBHAI		
6	14CL15	140780106015	KHATRI ALPESHBHAI DILIPBHAI	Checking the Proposal Of Dam On Wankal Basin	TK/BS
	14CL17	140780106017	MEVADA RONAK ASHVINKUMAR		
	14CL52	140780106052	TRIVEDI BHAVIK MANISHKUMAR		
	14CL33	140780106033	PATEL PRATIK RAMESHBHAI		
7	14CL51	140780106051	THAKOR SHUBHAM HASMUKHBHAI	DRAINAGE SYSTEM FOR SMT.S.R. PATEL ENGINEERING COLLEGE.	TK/BS
	14CL50	140780106050	THAKOR HARSHADKUMAR DALABHAI		
	14CL14	140780106014	KARPATIYA MEHULKUMAR KANTIBHAI		
8	14CL11	140780106011	JOSHI ANSHUKUMAR KANTILAL	Smart Concrete having self X-capabilities	FP/HVP
	14CL08	140780106008	GOSWAMI KRUNALBHARTHI ASHOKBHARTHI		
	14CL06	140780106006	DESAI RANABHAI DHANUBHAI		
	14CL12	140780106012	KARANAVAT JAIMINKUMAR DAHYABHAI		
9	14CL30	140780106030	PATEL NIRAVKUMAR MANUBHAI	Comparative Study of bamboo reinforced concrete beam and steel reinforced concrete beam	SP/AHS
	14CL38	140780106038	PATEL SAVANKUMAR ASHOKBHAI		
	14CL36	140780106036	PATEL RAVI UTTAMBHAI		
	14CL22	140780106022	PATEL DHAVALKUMAR JAYESHBHAI		
10	14CL25	140780106025	PATEL DIP KANAITYALAL	UTILIZATION OF ORGANIC WASTE FOR DEVELOPMENT OF FERTILIZER & BIO-GAS USING COMPOSTING	BS/AHS
	14CL32	140780106032	PATEL PARTH MAHESHBHAI		
	14CL45	140780106045	PRAJAPATI RUSHI MUKESHBHAI		
	14CL16	140780106016	KODALIYA MAHERBANALI NURALI		
11	14CL07	140780106007	DHOBI AKSHAYKUMAR RAMESHBHAI	Effect of crumb rubber particle size on bitumen mix design	HVP/NC
	14CL42	140780106042	PATEL SOHILKUMAR KANUBHAI		
	14CL29	140780106029	PATEL MAYANK RAMABHAI		
	D15CL01	150783106005	PATEL DIXITKUMAR MANILAL		
12	14CL31	140780106031	PATEL PARASKUMAR	Economical distribution of	TK/BS

			BHIKHABHAI	water resources in the water supply scheme	
	14CL20	140780106020	PATEL CHIRAGKUMAR PRAVINBHAI		
	13CL20	130780106015	PARMAR HARESH ISHVARBHAI		
	13CL38	130780106011	JADAV UMANGKUMAR MANOJKUMAR		
13	14CL03	140780106003	CHAUDHARI VIPUL MANSANGBHAI	GWQI and WDS assessment and monitaing in Patan	TK/BS
	14CL04	140780106004	DESAI MAULIK AMRUTBHAI		
	14CL13	140780106013	KARANAVAT KALPESH MOHANBHAI		
	D15CL02	150783106010	RAJPUROHIT RANAMALBHAI SHANKARBHAI		

COMPUTER ENGINEERING

Roll No	Enrollment No	TEAM ID	Name	G No	Title	Guide Name
14CE07	140780107007	3275	PATEL KHAYATI RAMESHKUMAR	CE 1	ONLINE FACULTY LEAVE MANAGEMENT SYSTEM	MBP
14CE21	140780107021	3275	RAVAL NISHA BHARATBHAI			
14CE05	140780107005	3250	PATEL DHRUVIBEN DHARMESHKUMAR	CE 2	TECH KNOWLEDGE	SS
14CE18	140780107018	3250	PATEL TITHIBEN DILIPBHAI			
14CE09	140780107009	4937	PATEL KINALBEN PRAVINBHAI	CE 3	HEAVEN HOUSE FOR ORPHANS	MS
14CE12	140780107012	4937	PATEL KVINA GIRISHBHAI			
14CE02	140780107002	3264	MEHTA JINAL BHADRESHKUMAR	CE 4	COLLEGE APP/ E - COURSE FILE	MS
14CE14	140780107014	3264	PATEL NENCYBEN DEVENDRABHAI			
D15CE01	150783107003	12936	PATHAK PRACHIBEN SANJAYKUMAR	CE 5	SMART HOME DEVELOPMENT	ZP
14CE03	140780107003	5333	PATEL BANSARI VIPULKUMAR	CE 6	ONLINE ATTENDANCE ANDROID APP	MS
14CE10	140780107010	5333	PATEL KIRANKUMAR DILEEPPKUMAR			
14CE17	140780107017	5333	PATEL PREKSHABEN DAHYABHAI			
14CE22	140780107022	7052	SHAH RAVI VIKRAMBHAI	CE 7	PMMS - SRPEC	SS/HCP
D15CE02	150783107004	7052	UMANG DIPAKKUMAR VYAS			
D15CE04	150783107001	7052	AVANI DESAI			
14CE16	140780107016	12937	PATEL NIRUBEN ASHVINBHAI	CE 8	CANTEEN MANAGEMENT SYSTEM	NBP
10CE12	100780107016	NA	PATEL SAURABHKUMAR BHARATLAL	CE 9	NA	MMP

INNOVATIVE PROJECT AWARD 2016-17

INSTITUTE WISE WINNER

BRANCH WISE WINNER

COMPUTER ENGINEERING

Roll No	Enrollment No	TEAM ID	Name	G No	Title	Guide Name	Rank
14CE05	140780107005	3250	PATEL DHRUVIBEN DHARMESHKUMAR	CE 2	TECH KNOWLEDGE	SS	
14CE18	140780107018	3250	PATEL TITHIBEN DILIPBHAI				
14CE22	140780107022	7052	SHAH RAVI VIKRAMBHAI	CE 7	PMMS - SRPEC	SS/HCP	
D15CE02	150783107004	7052	UMANG DIPAKKUMAR VYAS				
D15CE04	150783107001	7052	AVANI DESAI				

CIVIL ENGINEERING

Group No	ID No.	Enrollment No.	Name	Title	Guide Name	Rank
1	14CL27	140780106027	PATEL HANI RAMESHCHANDRA	Utilization Of Waste Plastic In Manufacturing Of Plastic-Soil Bricks	FP/SP	
	14CL34	140780106034	PATEL PRIYA SHILESHBHAI			
	14CL41	140780106041	PATEL SMITKUMAR HARSHADBHAI			
	D15CL05	150783106002	BIHARI AKILABIBI JAHANGIRKHAN			
7	14CL51	140780106051	THAKOR SHUBHAM HASMUKHBHAI	DRAINAGE SYSTEM FOR SMT.S.R. PATEL ENGINEERING COLLEGE.	TK/BS	
	14CL50	140780106050	THAKOR HARSHADKUMAR DALABHAI			
	14CL14	140780106014	KARPATIYA MEHULKUMAR KANTIBHAI			
8	14CL11	140780106011	JOSHI ANSHUKUMAR KANTILAL	Smart Concrete having self X -capalibilities	FP/HVP	
	14CL08	140780106008	GOSWAMI KRUNALBHARTHI ASHOKBHARTHI			
	14CL06	140780106006	DESAI RANABHAI DHANUBHAI			
	14CL12	140780106012	KARANAVAT JAIMINKUMAR DAHYABHAI			

MECHANICAL ENGINEERING

Group No	Roll No.	Enrollment No.	Name	Guide Name	Title	Rank
4	14ME33	140780119033	PATEL DEEPAKUMAR PRAKASHBHAI	HCP	Rotary work piece wire EDM machine	
	14ME41	140780119041	PATEL JIMIT KUMAR PIYUSHBHAI			
	14ME65	140780119065	PRAJAPATI YASHKUMAR KAMLESHBHAI			
5	14ME78	140780119078	SUTHAR ROBIN NAVINKUMAR	VPR	Development and analysis of domestic refrigerator cum water heater & cloth dryer by utilizing condenser heat	
	D15ME04	150783119003	JOSHI DARSHANKUMAR HASMUKHBHAI			
	D15ME06	150783119002	DAVE MITKUMAR HASMUKHLAL			
	D15ME12	150783119016	PRAJAPATI POORVANG JASHVANTKUMAR			
7	14ME07	140780119007	GUPTA YASHKUMAR ATULBHAI	HCP	Design and development of advance tensile testing machine	
	14ME17	140780119017	MODI SACHINKUMAR SHANTILAL			
	14ME25	140780119025	PANCHIWALA BHAVIKKUMAR ASHOK KUMAR			
	14ME39	140780119039	PATEL HARSHKUMAR BHAGVANBHAI			
8	14ME13	140780119013	MALI HARDIK LERUBHAI	HCP	Waste bottle reverse vending machine	
	14ME21	140780119021	OZA MOHIN KUMAR MAYURBHAI			
	14ME35	140780119035	PATEL DHRUVKUMAR MAHENDRABHAI			
	14ME69	140780119069	RAVAL CHIRAG RAJENDRAKUMAR			
9	D15ME02	150783119012	PATEL KISHANKUMAR MADHAVLAL	RVC	Automatic aeroponic system	
	D15ME05	150783119017	SHASTRI SHIVAM JITENDRAKUMAR			
	D15ME08	150783119015	PATEL UTKARSHKUMAR RAMESHBHAI			
	D15ME19	150783119010	PATEL JAYKUMAR POPATLAL			
14	14ME06	140780119006	DESAI NISARG MANEKBHAI	SR	Solar Vehicle	
	14ME75	140780119075	SHAH SHIVAM BAKULESHBHAI			
	D14ME05	140783119026	SHAH DEEP PRAKASHKUMAR			
	D15ME11	150783119001	BHATT HARSH LALITBHAI			
	D15ME17	150783119008	PANDYA NAMRATA			

Jury Members:

CIVIL ENGINEERING

SR. NO.	Name Of Juries	Organization
1		

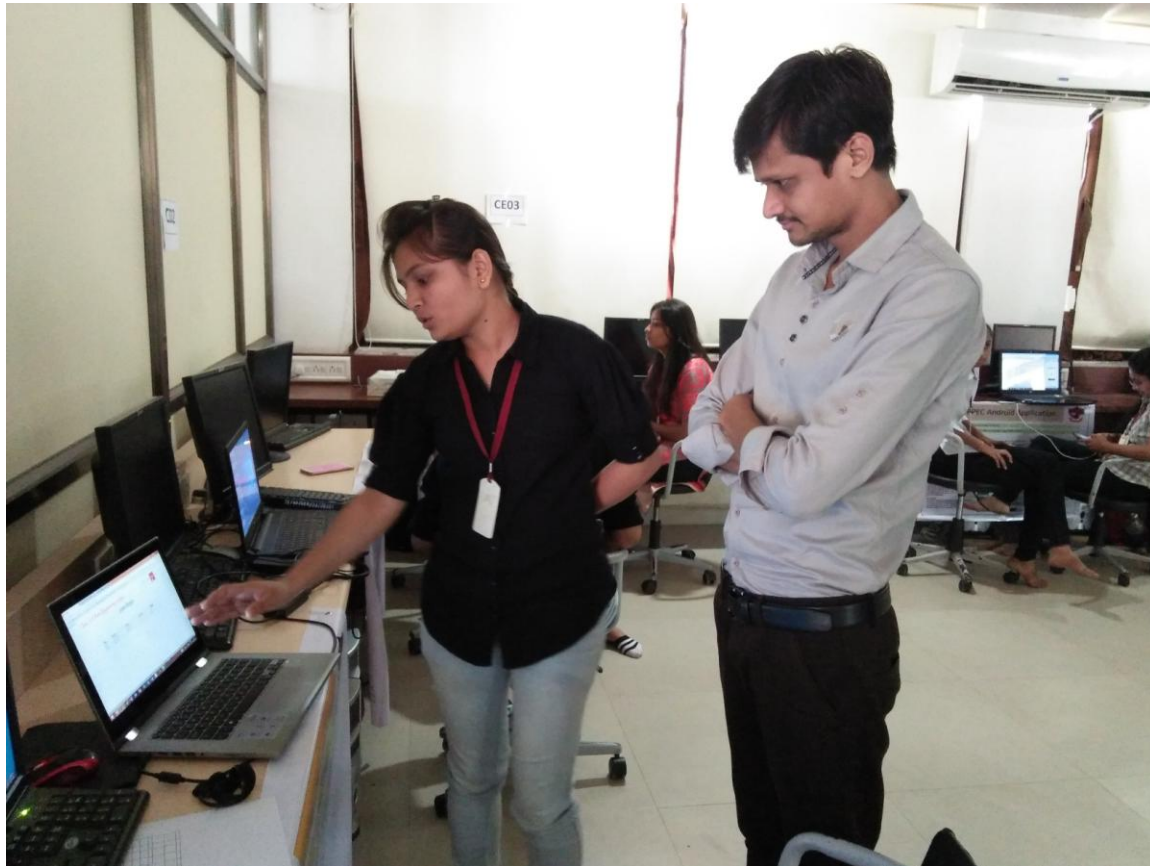
MECHANICAL ENGINEERING

SR. NO.	Name Of Juries	Organization
1	Prof. Narendra A. Patel	Asst. Prof. Government Engineering College, Palanpur

COMPUTER ENGINEERING

SR. NO.	Name Of Juries	Organization
1		

PHOTO GALLERY OF PROJECT EXHIBITION













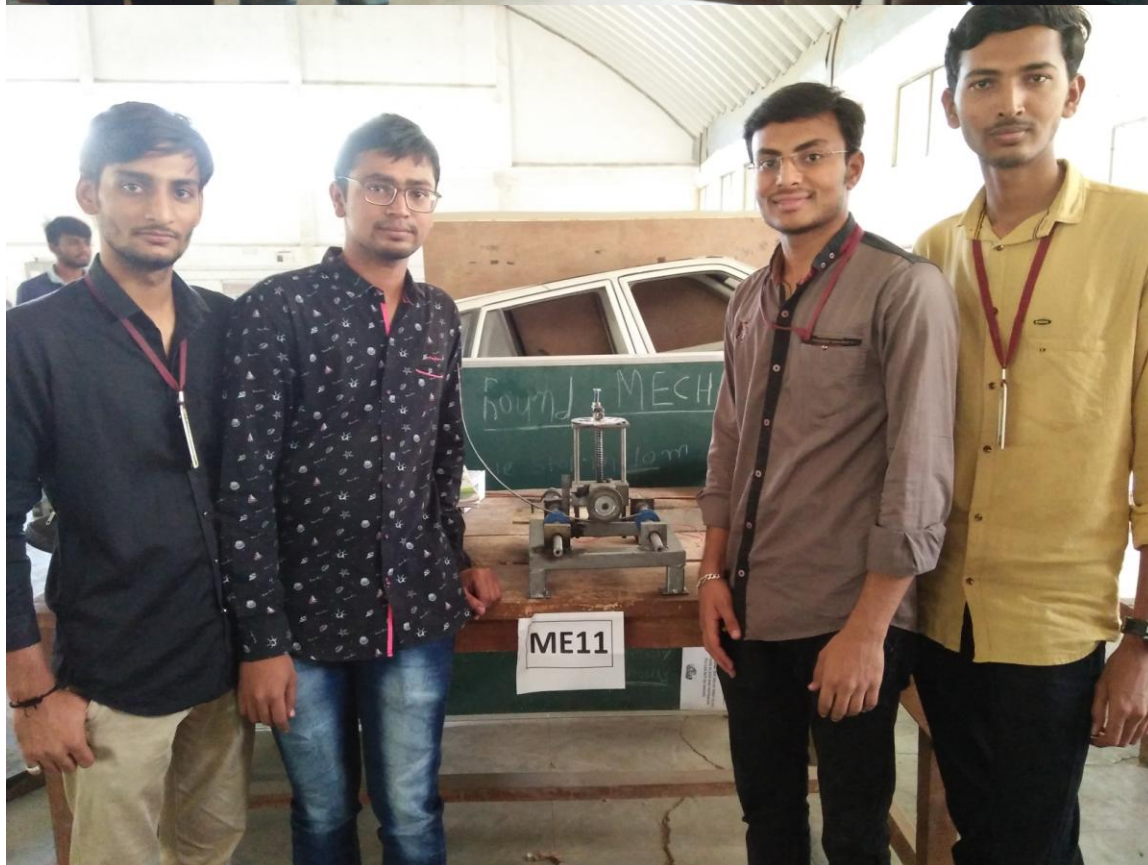


















6



