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RESEARCH FAIR



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	14	54
2	Computer Engineering	20	62
3	Mechanical Engineering	22	87

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:

Eight rooms used in project fair.

JV112, JV110, JV109, JV107, JV003, JV106, JV109, JV114

LIST OF STUDENTS:

MECHANICAL ENGINEERING

Group No	Roll No.	Enrollment No.	Name	Title	Guide Name
1	15ME02	150780119002	BHAVSAR AKSHAY VIKRAMBHAI	Bio gas plant with scrubber	JBP
1	15ME19	150780119019	MAHETA SIDDHARTH		JBP
1	15ME68	150780119068	PRAKASHKUMAR RAO		JBP
1	15ME69	150780119069	PRAVEEN KUMAR		JBP
2	15ME05	150780119005	CHAUDHARI DIPEN KIRITKUMAR	BATTERY OPERATED MARKET VEHICLE	PP
2	15ME17	150780119017	KATARIYA RAJNIKANT AMRUTBHAI		PP
2	15ME31	150780119031	PATANI AJAY PRAVINBHAI		PP
2	15ME41	150780119041	PATEL DEEP BHUPENDRABHAI		PP
3	15ME06	150780119006	CHAUDHARY DEEPAKUMAR BHARATBHAI	BOAT BICYCLE	PRM
3	15ME14	150780119014	GANDHI SAVANKUMAR RAJENDRABHAI		PRM
3	15ME25	150780119025	NAGORI MOHAMMED NOOR		PRM
3	15ME26	150780119026	NAITIK ROHITKUMAR BHAVSAR		PRM
4	15ME07	150780119007	CHAUDHARY DHURVAL UJAMBHAI	DESIGN AND DEVELOP AN EFFICIENT SOLAR DRIER FOR FOOD PRESERVING WITH COMPUTATIONAL ANALYSIS BY VISUAL BASIS(V.B.)	VPR
4	15ME09	150780119009	DAVE DAKSH HITESHKUMAR		VPR
4	15ME22	150780119022	MODH JAYMIN BHARATKUMAR		VPR
4	15ME74	150780119074	SAIYAD SHADABHUSEN SHARAFATHUSEN		VPR
5	15ME10	150780119010	DUDKHIYA DAXESH SUDBOHBHAI	DESIGN AND DEVELOPEMENT OF LAKE TRASH CLEANING MACHINE	MPR
5	15ME21	150780119021	MEVADA KAUSHALKUMAR CHETANBHAI		MPR
5	15ME23	150780119023	MODI UMANG KALPESHBHAI		MPR
5	15ME48	150780119048	PATEL JITEN ASHOKKUMAR		MPR
6	15ME15	150780119015	GELOTAR GAUTAMBHAI DINESHBHAI	FABRICATION OF CENTRIFUGAL GOVERNOR	SSP
6	15ME18	150780119018	KHADALIYA NITESHKUMAR RAMESHBHAI		SSP
6	15ME28	150780119028	PARMAR ANKIT RAJESHBHAI		SSP
6	15ME72	150780119072	RAJPUT RONAHSINH RAJUJI		SSP
7	15ME01	150780119001	ANAVADIYA RAJATKUMAR MUKESHBHAI	SYSTEM FOR WATER COLLECTION FROM AIR	VPR
7	15ME29	150780119029	PARMAR BHAVIKKUMAR JAYANTIBHAI		VPR
7	15ME52	150780119052	PATEL KULDIP LALITBHAI		VPR
7	15ME83	150780119083	THAKKAR JESALKUMAR RAJENDRABHAI		VPR

8	15ME20	150780119020	MAKWANA SOMAJI JAYNTIJI	parabolic solar cooker	PRM
8	15ME30	150780119030	PARMAR VIREN JASHVANTBHAI		PRM
8	15ME40	150780119040	PATEL DARSHANKUMAR VINODBHAI		PRM
8	15ME60	150780119060	PATEL PARTHKUMAR VISHNUBHAI		PRM
9	15ME34	150780119034	PATEL AVDHUT RADHESHYAM	Modifications of CNC milling machine	HCP
9	15ME51	150780119051	PATEL KISHANKUMAR LALJIBHAI		HCP
9	15ME59	150780119059	PATEL PARTHKUMAR VISHNUBHAI		HCP
10	15ME37	150780119037	PATEL CHIRAGKUMAR DASHARATBHAI	Development of Multipurpose Portable CNC Plotter	JBP
10	15ME54	150780119054	PATEL MEET DARSHANBHAI		JBP
10	15ME66	150780119066	PATEL YASHKUMAR DINESHBHAI		JBP
10	15ME73	150780119073	RATWANI JAYPRAKASH RUPCHANDBHAI		JBP
11	15ME39	150780119039	PATEL DARSHANKUMAR DIPAKBHAI	MODIFICATION OF UNIVERSAL TESTING MACHINE(UTM)	PP
11	15ME49	150780119049	PATEL KISHAN DHARMENDRAKUMAR		PP
11	15ME53	150780119053	PATEL LAVKUMAR KIRTIBHAI		PP
11	15ME57	150780119057	PATEL NEEL MUKESHKUMAR		PP
12	15ME44	150780119044	PATEL HARSHKUMAR DINESHBHAI	Inspection of Power Transmission System	PP
12	15ME47	150780119047	PATEL JAYKUMAR ASHVINBHAI		PP
12	15ME58	150780119058	PATEL NEEL PANKAJKUMAR		PP
12	15ME82	150780119082	TEKWANI PRAFULKUMAR SURESHKUMAR		PP
13	15ME61	150780119061	PATEL RUSHI MUKESHKUMAR	Wheel Rim straightening and Inspection machine	SSP
13	15ME62	150780119062	PATEL SANI VIBHAKAR		SSP
13	15ME63	150780119063	PATEL TIRTHKUMAR RAMANBHAI		SSP
13	15ME64	150780119064	PATEL URVISH ATULBHAI		SSP
14	15ME78	150780119078	SHAH JAINAM DEVESHKUMAR	Vibration Measuring Instrument and Its Analysis	SSP
14	15ME79	150780119079	SHRIMALI DHRUVKUMAR ANILBHAI		SSP
14	15ME80	150780119080	SUMITKUMAR SINHA		SSP
14	15ME87	150780119087	UPADHYAY UTSAVBHAI DINESHBHAI		SSP
15	D16ME02	160783119002	BRAHMBHATT DHRUVIL DIVYANGKUMAR	Motorbike Health Monitoring	RVC
15	D16ME09	160783119009	PATEL HARSHKUMAR BHARATKUMAR		RVC
15	D16ME10	160783119010	PATEL NITINKUMAR ATULBHAI		RVC
15	D16ME11	160783119011	PRAJAPATI AKASH DASHRATHBHAI		RVC
16	D16ME04	160783119004	MODI AKHILKUMAR PARESHBHAI	Parabolic solar water heater	PRM
16	D16ME05	160783119005	PARAMAR TEJABHAI AMARATBHAI		PRM
16	D16ME13	160783119013	SRIVASTAVA SHIVAM SANJIV		PRM
16	D16ME14	160783119014	THAKKAR DIVYAKUMAR KULDIPKUMAR		PRM
18	15ME03	150780119003	BRAHMBHATT PARTH JAGDISHBHAI	MODIFICATION IN	HCP

18	15ME11	150780119011	DESAI VIJAY BALDEVBHAI	WIRECUT EDM MACHINE	HCP
18	15ME24	150780119024	MORIYANI VINAY ISHVARBHAI		HCP
18	15ME70	150780119070	RAJPOOT SANJAYSINH		HCP
19	15ME38	150780119038	PATEL CHIRAGKUMAR KANAIALAL	Table Saw modification	MPR
19	15ME71	150780119071	RAJPUT HARPALSINH NATAVARSINH		MPR
19	15ME76	150780119076	SALVI JAYESHKUMAR TALSHIBHAI		MPR
19	15ME85	150780119085	THAKOR ROHITKUMAR UDAJI		MPR
20	14ME04	140780119004	CHAUHAN MAULIK HITENDRAKUMAR	CNC Lathe	HCP
20	15ME12	150780119012	DHOBI HARDIK BHARATBHAI		HCP
20	15ME13	150780119013	DODIYA BHAVIK HARSHADBHAI		HCP
20	15ME27	150780119027	PARIKH MOHIL MANISHBHAI		HCP
20	D16ME01	160783119001	ALAUDDIN MAAZ MEHBOOB		HCP
20	D16ME06	160783119006	PARMAR MILANKUMAR JAGADISHKUMAR		HCP
21	14ME51	140780119051	PATEL RAVIKUMAR HARESHBHAI	Gear Tester	RVC
21	14ME58	140780119058	PATEL TEJASKUMAR BABUBHAI		RVC
21	14ME82	140780119082	VYAS JAY SHAILESHKUMAR		RVC
21	D15ME15	150783119004	JOSHI KARTIKKUMAR LAKHIRAMBHAI		RVC
21	14ME45	140780119045	PATEL MAULIK BHARATBHAI		RVC
22	14ME70	140780119070	RAVAL NIKHIL HARSHADKUMAR	Water Wheel Pump	RVC
22	14ME77	140780119077	SONI PREMKUMAR DILIPKUMAR		RVC
22	14ME80	140780119080	VAGHELA BAHADURSINH GOVINDSINH		RVC
22	14ME81	140780119081	VANIK RAJKUMAR HARESHBHAI		RVC
23	15ME46	150780119046	PATEL HETASVI MUKESHBHAI	Parametric Analysis of Abrasive Water Jet Machine	JBP

CIVIL ENGINEERING

GROUP NO	ROLL NO.	TOPIC	GUIDE
1	15CL33	GARDEN WASTE MANAGEMENT	BS/VPR
	15CL42		
	15CL51		
	D16CL11		
2	15CL09	GREY WATER MANAGEMENT ON A MULTI STOREY BUILDING	BS/SS
	15CL13		
	15CL14		

	15CL18		
3	15CL22	SELF SUBSTANABLE ECO FRIENDLY SMART VILLAGE	SK/SA
	15CL41		
	15CL43		
	15CL48		
4	15CL12	IMPROVE IN PERMEABILITY IN RIGID PAVEMENT BY IRC58:2011	HVP/SA
	15CL16		
	15CL23		
	15CL62		
5	15CL32	DESIGN AND ANALYSIS OF MULTISTOREY FRAMED BUILDING MANUALLY AND BY SOFTWARE	VG / NM
	D16CL04		
	D16CL05		
	D16CL10		
6	15CL21	REPAIR & REBABILITATION OF INDUSTRIAL BUILDING	VK/UP
	15CL46		
	15CL47		
	15CL56		
7	15CL29	PLANNING DESIGN & ESTIMATION OF MULTISTORIED RESIDENTIAL BUILDING	VG/SK
	15CL31		
	15CL45		
	15CL52		
8	15CL08	EFFECT OF ROADSIDE ENCROCHMENT ON TRAFFIC STREAM BETWEEN SK TOWER TO TRAN DARWAJA AT PATAN	HVP/AHS
	15CL04		
	15CL58		
	15CL59		
9	15CL11	AMBIENT AIR QUALITY AT GIDC SIDDHPUR, WITH AN ECONOMICAL SOLUTION	BS/SS
	15CL34		
	15CL44		
10	D16CL01	ANALYSIS & DESIGN OF INDUSTRIAL BUILDING MANUALLY AND BY USING STAAD PRO	UP/SK
	D16CL03		
	D16CL06		
	D16CL07		
11	15CL35	DESIGN OF AUTOMATIC TRAFFIC CONTROL SYSTEM BASED ON DENSITY- A CASE STUDY OF MODHERA INTERSECTION MEHSANA	AHS/HVP
	15CL36		
	15CL60		
12	15CL24	AUTOMATIC IRRIGATION SYSTEM	SS/BS/HCP
	15CL27		
	15CL39		
	15CL50		
13	15CL49	CONSUMPTIVE USE OF GROUND WATER AND SURFACE WATER	SA/SS
	15CL61		
	14CL37		

	14CL39		
14	15CL28	EVALUATION OF VARIOUS FACTORS AFFECTING THE COFLICT AND DELAY IN CONSTRUCTION SITE	VK/SA
	15CL25		
	15CL37		
	D16CL08		

COMPUTER ENGINEERING

Group NO.	Roll no.	Enrollment No.	Name of the Student	Problem Definition	Guide Name
CE01	12CE15	120780107030	PATEL SHIVANI SHANKARLAL	Fair Share Management System	RP
	15CE17	150780107017	MODI SHOBHANGI MAHESHBHAI		
	15CE28	150780107028	PATEL HAPPY KALPESHBHAI		
CE02	15CE37	150780107037	PATEL MITALBEN MUKESHBHAI	Smart Canteen	HK
	15CE38	150780107038	PATEL NIDHI DASHRATHBHAI		
	15CE49	150780107049	PATEL VAIDEHI SHAILESHKUMAR		
	15CE50	150780107050	PATEL VRUTTIBEN MAHESHBHAI		
CE03	15CE41	150780107041	PATEL NISHA JAGDISHKUMAR	Research Paper Valuation System	RP
	15CE44	150780107044	PATEL PRIYABEN PRADIPBHAI		
	15CE46	150780107046	PATEL SHIVANI JAYESHKUMAR		
CE04	15CE20	150780107020	PATEL ANERIBEN ARVINDKUMAR	Library Management System	Nikita
	15CE34	150780107034	PATEL KRIMABEN PRAVINBHAI		
	15CE45	150780107045	PATEL REEMABEN BHARATKUMAR		
	D16CE03	160783107003	MODI VIRNISH JAGDISHBHAI		
CE05	15CE29	150780107029	PATEL JAIMIN RASIKBHAI	Smart Security System	J.R.Patel
	15CE36	150780107036	PATEL MARMIKKUMAR JASVANTBHAI		
	15CE40	150780107040	PATEL NIKHIL KANTIBHAI		
	15CE43	150780107043	PATEL PRIYABEN MUKESHBHAI		
CE06	15CE08	150780107008	DHARANI GARGI PARESHKUMAR	Leave Management System	Hk
	15CE13	150780107013	KOTADIYA RASHMINA NANAJIBHAI		
	15CE18	150780107018	PARMAR KHUSHBUBEN ASHOKBHAI		
CE07	15CE52	150780107052	SHARMA RACHANA BHARATKUMAR	Result Analysis	HK
CE08	15CE05	150780107005	DARJI ZILBAHEN MAHESHBHAI	Smart Notice	MP

	15CE27	150780107027	PATEL HEPIBEN MUKESHKUMAR	Board	
CE09	D16CE01	160783107001	BHATIYA DIVYA GANPATBHAI	Alumni Web Portal	MS
	D16CE02	160783107002	CHAUHAN SONALI SANJAYBHAI		
	D16CE07	160783107007	RAMI DEVANGI JAYESHBHAI		
	15CE35	150780107035	PATEL MARMIK		
CE10	15CE14	150780107014	MEVADA MANTHANKUMAR SUNILBHAI	Smart Projector	M.M.Patel
	15CE23	150780107023	PATEL DAKSH VINODCHANDRA		
	15CE51	150780107051	SHAH SHREYANSH HITENBHAI		
	D16CE12	160783107012	THAVANI KAMLESH PARAMANANDBHAI		
CE11	15CE06	150780107006	DESAI KULDIPKUMAR VAGHJIBHAI	Phone Security System	RP
	15CE21	150780107021	PATEL ASMITABEN DINESHBHAI		
	15CE39	150780107039	PATEL NIDHI MOHANBHAI		
CE12	15CE03	150780107003	BHAVSAR BHAVYA VIPULKUMAR	HR Module	Nikita
	15CE22	150780107022	PATEL BINDIYA PRAKASHBHAI		
CE13	15CE11	150780107011	JOSHI CHIRAG PRAKASHKUMAR	Book My Garage	RP
	D16CE09	160783107009	RAVAL JINALI HETALKUMAR		
CE14	15CE16	150780107016	MODI SAGAR NILESHKUMAR	Account Section Module	Nikita
CE15	15CE01	150780107001	ABHIKUMAR PATEL	College Enquiry Smart Chatbot	Hk
	15CE30	150780107030	PATEL JEET VINODKUMAR		
	15CE33	150780107033	PATEL KHUSH JAGDISHBHAI		
CE16	14CE01	140780107001	CHAUHAN MEHUL MAGANBHAI	Smart Attendance System	MS
	15CE25	150780107025	PATEL HARDI JALPESHBHAI		
	15CE31	150780107031	PATEL KARAN JITENDRABHAI		
	15CE32	150780107032	PATEL KARTIKKUMAR		
CE17	15CE04	150780107004	CHAUDHARY ROHANKUMAR	Smart Vehicle System	MS
	D16CE06	1607831070060	PRAJAPATI CHIRAG RATILAL		
	D16CE08	160783107008	RAVAL DHRUV SHAILESHBHAI		
	D16CE11	160783107011	THAKKAR RAJ NIKHILKUMAR		
CE18	15CE02	150780107002	AGHARIYA HASANALI MUKHTARBHAI	Student Management System	M.M.Patel
	15CE24	150780107024	PATEL DHRUV KIRANBHAI		
	15CE53	150780107053	THAKOR BHAVSINH ISHWARSINH		

	15CE55	150780107055	YOGESH RATHI		
CE19	15CE19	150780107019	PARVANE MAHESH SURESHBHAI	Online Material Repository	MP
	D16CE04	160783107004	PATEL KRUPA MAHESHKUMAR		
	D16CE05	160783107005	PATEL NAMRATABEN SURESHBHAI		
	D16CE10	160783107010	SOLANKI KUNIKA MANHARLAL		
CE20	15CE47	150780107047	Shvet Patel	RFID based online shopping	M.M.Patel
	15CE42	150780107042	Patel Peri		
	15CE54	150780107054	Tirtha Patel		

Exhibition visitor

300 students of 2nd, 4th and 6th semester, smt. S. R. Patel Engineering College

PHOTO GALLERY OF PROJECT EXHIBITION























































































