

Date: 1-9-2013

GTU INNOVATION COUNCIL

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UDISHA CLUB

Campus Activity Report of August - 2013

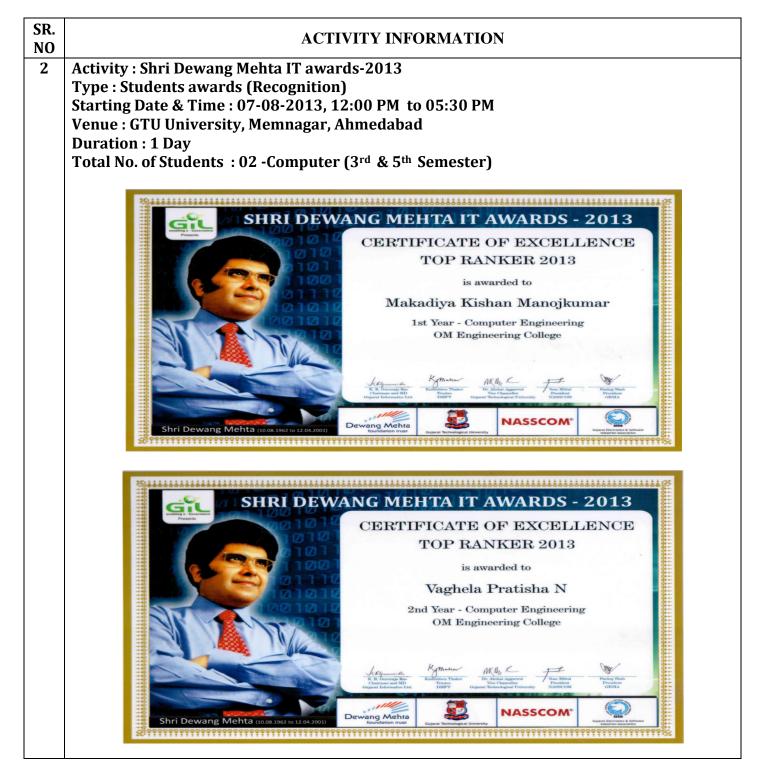
(Om Engineering College, Junagadh)

Department: Computer

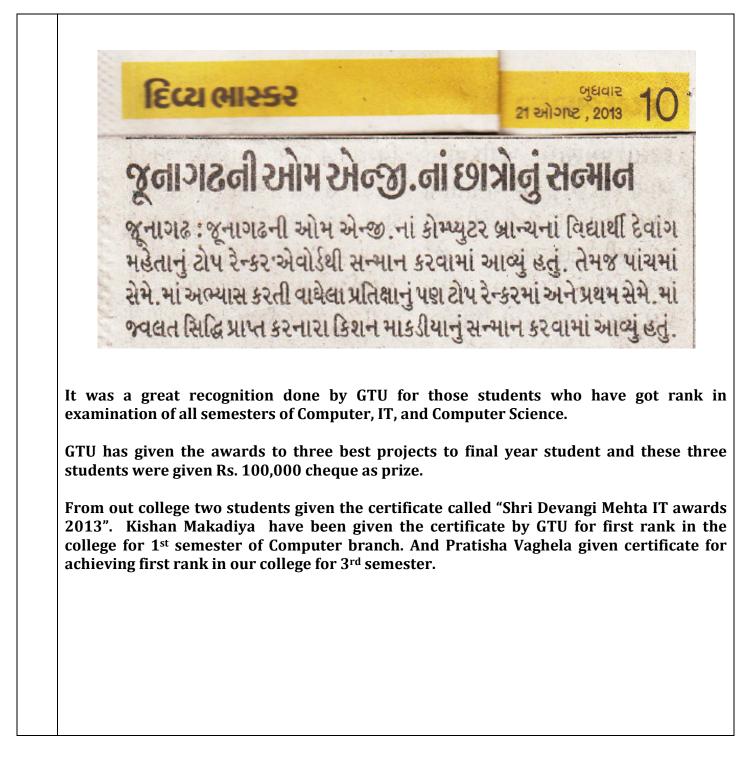
SR. NO	
1	Activity : Expert lecture on "HTML"
	Type : Expert Lecture
	Experts : (1) Mr.K.H.Raviya(Hod CE Department)
	(2) Mr.M.D.Gundaliya(Faculty of CE Department)
	Duration : 2 hrs. in week
	Venue: Computer Labs
	Students attend the expert talk at computer laboratory on 1st and 3rd Saturday of every month. Students got excited by attending the expert talk on "HTML".Students have got the good knowledge by our expert faculty. Mr. K. H. Raviya and Mr. M. D. Gundaliya.

Thus, students get contemporary utilization of "HTML".











SR. NO	ACTIVITY INFORMATION
3	Activity: Expert talk on "Career and placement guidance & practical v/s theoretical knowledge". Type : Seminar/Expert talk Expert: Mr. Rajesh(E clinical work, Ahmedabad) Date : 12/08/2013 Venue: Om Engineering College, Chokli, Junagadh.
	<image/>

Prof K. H. Raviya & CE Department has express his thanks toward the guest Mr. Rajesh to give his valuable time and guidance. The session was ended with the great enthusiasm of students toward the placement.



SR. NO	ACTIVITY INFORMATION
4	Activity : Visit to Observation Home (Interaction with children) Type : Social Activity Department : CE Date: 06/08/2013 Venue: Observation home and children home, Junagadh
	6 th AUGUST 2013, Tuesday, the social act of supporting orphan children is organized by COMPUTER department of Om Engineering College at Chokali, Junagadh. Permission was granted by of Mr. Amit Bhatt, in charge of children home at 12 :00 noon. For this noble cause we got the support from the Dr. H. N. Nimbark, principle and Mr. Kavshik Raviya,

A COMMITTED ENGINEERING STUDY AT DEDICATED ENGINEERING CAMPUS

HOD of Computer Department.

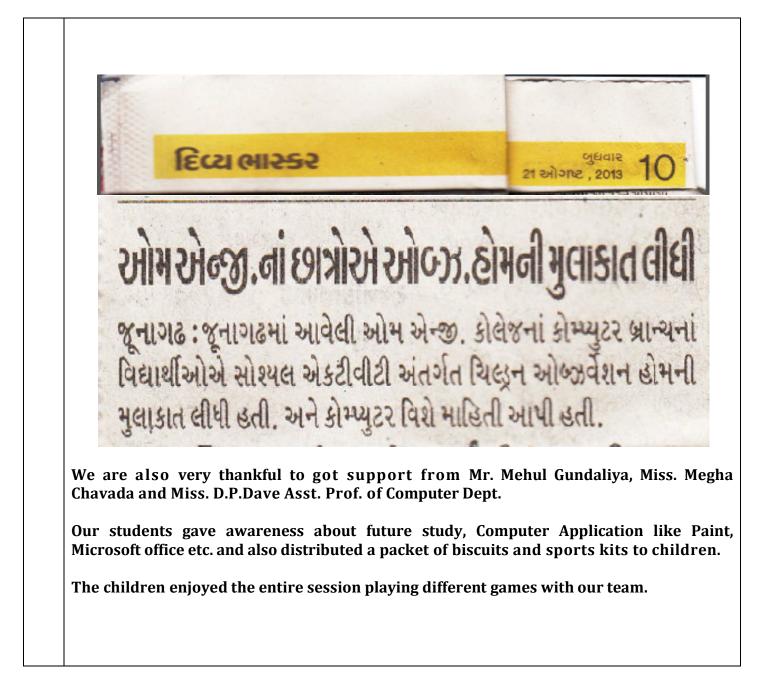




A COMMITTED ENGINEERING STUDY AT DEDICATED ENGINEERING CAMPUS

Junagadh-Bhesan Road, At Chokali, Junagadh-362 310.Tel. : 0285-2680500 Fax : 0285-2680666 web : www.omeducation.edu.in | e_mail : oecjnd@gmail.com







College Level Program

SI N	
5	
	<image/> <image/>

The Program has been inaugurated by lighting lamp by honorable Principal, Dr. H. M. Nimbark and makes the Program open by welcoming donators. Students of Om engineering college donated the blood on 02/08/2013.

Dr. G.K. Gajera(Jivan Prakash Volunteer Blood bank) was present during this whole activity.





The program has gathered 153 Bottles Blood as it's great achievement in the history of blood Donation at Om Engineering College. Students and staff members have donated the blood for this great social activity.

Trustee members, Mr. Jaydeepbhai Waghela and Mr. Rajubhai Bedia have also donated blood.



Department: Electrical



College has also organized a Thalassemia Test. All the students were tested for the Thalassemia on 02nd August, 2013.

The medical team from the "Trimurti Hospital" was testing for the Thalassemia. Before the Thalassemia testing Prof. M. M. Baraiya has aware the students about the "Thalassemia".

Dr. Gajera has addressed the students of Om Engineering College that thelassemia is a disease which affects the generation and each carries from generation by generation.





Taza khabar news channel has conduct cover footage of views and feedback regarding blood donation and thalesimia test of students of Om engineering College and given in news paper of Divya Bhaskar and Sandesh at 4th August.

Students of Om Engineering College have given great contribution to reach at donation of 153 bottles and Students were feeling happy by helping Society for Social Work.

In fact fifty Students have rendered their services as volunteer and decorated the Seminar hall by Posters and quotation for spreading the awareness and benefits of Blood Donation and importance of Thelessmia test.

Moreover than 400 students have participated in Thalassemia test and understand the meaning of testing Thalassemia and its advantages for coming generation.



Department: Electrical

					ACTIVITY INFORMATI	ON			
Ty EL Dı	ype LEC ura	e : Tec CTRICA tion: `	hnica AL DI Who	rricular Activi al Activity EPARTMENT(5 le Odd Semest cal Lab	5 th Semester) Faculty-Stude	nts Projects Plai	nning, 2	2013	
					Faculty-Students Small Project Planning, 2013	3 Odd			
			Departme				Student Enroll	Utalized	Discription
Sr.	. H o I	Faculty Name	nt	Project Title	Project Discription (Abstract)	Students name	No	Laboratory Name	list of Utaliz Equipments
S	ct. 5 ¹⁴ iem. OUP1	C.B.Makawana	Electrical Engineering	Trainer Kit for V-I characteristics of SCR.	For studying the V-I characteristics of SCR & determine the Latching current & Holding current.	KOTADIYA BAKUL POPATBHAI SARVAIYA PRAKASHKUMAR VAGHANI TUSHAR KALUBHAI MORADIYA NIRAVBHAI ISHVARBHAI HIRPARA DARSHNABEN KANTILAL	111020109008 111020109063 121023109001 121023109002	Power Electronics-I (M-201)	Multimeter, Pov Devices, Electro Components, Po Supplies.
GR	ct. 5 ¹⁴ em. :OUP 2	C.B.Makawana	Electrical Engineering	Trainer Kit for characteristics of DIAC.	For studying the characteristics of DIAC in both I & III Quadarnt operation.	DIDEODO DOBDINODEN KANTILAL DHOLAKIYA RAVI MADHUSUDANBHAI MALVI GAURANG DINESHBHAI MAKWANA SANDHYA YOGESHBHAI SOLANKI VAIBHAY JAYENDRAKUMAR PARVATI KISHAN VINODEHAI	121023109011 111020109059 121023109009 121023109008 111020109047 111020109023	Power Electronics-I (M-201)	Multimeter, Po Devices, Electro Components, Po Supplies.
Se GR	ct. 5 ¹⁴ em. :OUP 3	C.B.Makawana	Electrical Engineering	Trainer Kit for characteristics of TRIAC.	For studying the characteristics of TRIAC in both 1 & III Guadarnt operation with either positive or negative gate current polarity.	NARIYA JIGNESH CHANDUBHAI	111020103023 111020103054 111020103006 111020103003	Power Electronics-I (M-201)	Multimeter, Po Devices, Electr Components, P Supplies.
Se	ct. 5 ¹⁴ em. OUP	C.B.Makawana	Electrical Engineering	Trainer Kit for UJT as a relaxation oscillator.	For studying the characteristics of Unijunction transistor as a Relaxation oscillator Due to the alternate charging and discharging of the capacitor and the action of UJT (ON and OFF) continues and thus oscillations are produced.	VIRANI ASHOK RAMESHBHAI MAHETA KIRIT DAYASHANKARBHAI MODHA NIKUNJKUMAR HEMANTLAL IGOHIL KIRITSINH BHARATSINH	111020109021 111020109002 111020109004 111020109016	Power Electronics-l (M-201)	Multimeter, Po Devices, Electro Components, Po Supplies.
Se GR	ct. 5 ¹⁴ em. :OUP 5	C.B.Makawana	Electrical Engineering	Trainer Kit for characteristics of PUT.	PUT is used in applications where a high speed, low power electronic switch is required. These applications include relaxation oscillators, timers, and phase- control circuits. The relaxation oscillator is useful for triggering high power SCR's since it is capable of producing pulsed high current trigger signals.	SOLANKI VAIBHAY JAYENDRAKUMAR	111020109047	Power Electronics-l (M-201)	Multimeter, Po Devices, Electro Components, Po Supplies.
Elec Se	ct. 5 ¹⁴ em. :OUP 6	C.B.Makawana	Electrical Engineering	Trainer Kit for characteristics of IGBT.	For studying the characteristics of IGBT.	HINGORA JAVID JUSABBHAI BHADRESHA VIMALKUMAR GAUSWAMI HIRENPURI BHIKHUPURI THANKI MAYUR BHARATBHAI	121023103010 121023103005 121023103012 121023103014	Power Electronics-l (M-201)	Multimeter, Po Devices, Electro Components, Po Supplies.
Se	ct. 5 ¹⁴ em. :OUP 7	C.B.Makawana	Electrical Engineering	Trainer Kit for characteristics of	For studing the V-I characteristics of MOSFET majority carrier devices with no minority carrier injection. MOSFET can be parallel easily because the forward voltage drop increases with increasing temperature, ensuring an even distributions of current among all components.	DALSANIYA MEHULKUMAR ARVINDBHAI	111020103057	Power Electronics-I (M-201)	Multimeter, Po Devices, Electro Components, Po Supplies.
Se GR	ct. 5 ¹⁴ em. :OUP 8	C.B.Makawana		Trainer Kit for class C commutation circuit for SCR.	For studying Forced commutation method by using two SCR's and one capacitor and with diode.	KATHIRIYA SHYAMKUMAR KANUBHAI PONKIYA ANILISVERBHAI PATEL RAVIKUMAR MANUBHAI	111020103058 111020103061 111020103062	Power Electronics-I (M-201)	Multimeter, Po Devices, Electro Components, Po Supplies.



5 ¹¹ GR	lect. Sem. OUP 9 (C.B.Makawana	Trainer Kit for R.C. Trigger circuit for SCR.	For studying triggering of SCR by Combination of Resistor and Capacitor.	GELENEE MAYURKUMAR SHIVALAL	111020103048	Power Electronics-I (M-201)	Multimeter, Power Devices, Electronic Components, Powe Supplies.
5") GR	lect. Sem. OUP 10	C.B.Makawana	 Trainer Kit for half wave uncontrolled rectifier with R and RL load.	For studying uncontrolled operation of half wave recetifier using two SCR's and how the DC output changes with changes with changing in firing angle of the thyristor.	HINGORA JAYID JUSABBHAI Bhadresha vimalkumar Gauswami hirenpuri Bhikhupuri Thanki Mayur Bharatbhai	121023109010 121023109005 121023109012 121023109014	Power Electronics-I (M-201)	Multimeter, Power Devices, Electroni Components, Power Supplies.
514	lect. Sem. OUP 11	C.B.Makawana	Trainer Kit for fully uncontrolled Bridge rectifier with R and RL load.	For studying uncontrolled operation of Full wave recctifier using four SCR's and how the DC output changes with changes with changing in firing angle of the thyristor.	KOTHIVAR HARDIK MANANBHAI Surani sagar devrajbhai Chandan shrikant singh	121023103006 121023103016 121023103017	Power Electronics-I (M-201)	Multimeter, Powe Devices, Electroni Components, Pow Supplies.
s" GR	lect. Sem. (OUP 12	C.B.Makawana	Trainer Kit for Jones (voltage commutated) DC chopper.	Design for Jones (Voltage commutated chopper) for (1) reduction of minimum on time limit, (2) high frequency of operation and (8) reliable operation	OZA JAY BHADRESHKUMAR	111023109025	Power Electronics-I (M-201)	Multimeter, Powe Devices, Electroni Components, Pow Supplies.
s" GR	lect. Sem. (OUP 13	C.B.Makawana	Trainer Kit for Jones (current commutated) DC chopper.	Design for Jones (Current commutated chopper)			Power Electronics-I (M-201)	Multimeter, Powe Devices, Electroni Components, Pow Supplies.
5 th GR	lect. Sem. OUP 14	C.B.Makawana	Trainer Kit for speed control of DC motor using MOSFET.	For studying how the speed of motor changes for change in current supplied by MOSFET and observe it.	PANDYA KANDARPKUMAR Nareshkumar	111020109028	Power Electronics-I (M-201)	Multimeter, Powe Devices, Electroni Components, Pow- Supplies.
5") GR	lect. Sem. OUP 15	C.B.Makawana	Trainer Kit for phase control using TRIAC (FAN Regulator/Light Dimmer).	For studying AC phase control using triac for any kind of applied voltage polarity & also applicable for any appliance working on AC supply.	PANDYA AAKRIJTI BHARATBHAI Tandel Nidhiben kanaiyalal Chandegara Nehal Mohanbhai	111020103003 111020103043 111020103044	Power Electronics-I (M-201)	Multimeter, Powe Devices, Electroni Components, Pow Supplies.

Electrical department pre final year students are making projects on advanced topics under the guidance of Prof. Parmar(HOD Electrical) and Prof. Makwana(Electrical department faculty). Student list, topics, guide name is shown in above table. Projects will be completed almost till September end.



Department: Civil

Activity : Co-Curricular Activity Type : Technical Activity CIVIL DEPARTMENT(5 th Semester) Faculty-Students Projects Planning, 2013 Duration: Whole Odd Semester Venue : Civil Lab														
	Faculty-Students Project Planning, 2013 Odd													
	Sr. No	Faculty Name	Department	Project Title	Project Discription (Abstract)	Students name	Student Enroll No	Utalized Laboratory Name	Discription or list of Utalized					
	1	H.M.TANK/H.M.BHIMJIANI	CIVIL 3RD		making of a overe bridge project with some soft material	JANTIYA DEEP KANARA RAHUL SAVALIYA NIKUNJ HIRAPARA HARDIK BHESANIYA DIVYESH	121020106013 121020106024 121020106061 121020106059 121020106005	highway <i>ł</i> work shop						
	2	K.G.SAPARA/N.B.SAVALIYA	CIVIL 3RD	CABLE BRIDGE	IPS A CABLE BRIDGE JUST LIKE THE BRIDGE NEARER TO THE MORBICITY VITH THE USE OF CABLES AND SOFT	RAKHALIYA VISHAL DHANANI DHARMIK RIBADIYA SAMIR RAJANI SANDIP	121020106029 121020106015 121020106063 121020106006 121020106006 121020106014	geology / highway / workshop						
	3	U.C.KAKKADI H.M.BHIMJIANI	CIVIL 5TH SEM	IGHT VT CONCERE	PAPER PRESENTATION	SIDHAV SHREYASH JOSHI HEMENDRA BAPODRA AKSHAY	121023106011 121023106024 121023106012	LIBRABY						
	4	A.M.FULETRA / K.G.SAPARA		ELEVATED TRANSPORTATIO N SYSTEM	MODEL ON ELEVATED TRANSPORTATION SYSTEM	KARKAR DARSHAN JAGANI JAYESH KAMNIYA DILIP	111020106033 111020106045 111020106041	TRANSPORT / MOS/VORKSHOP						

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	5	U.C.KAKKADIA.C.KALOLA	CIVIL 5TH SEM	PILE FOUNDATION	PAPER PRESENTATION VITH MODEL	DHADHAL JAYPAL JAGTIYA NAVGHAN	111020106001 121023106003	geology ł highway ł workshop	
	6	K.G.SAPARA/N.B.SAVALIYA	CIVIL 5TH SEM	HIGHWAY CLOVER LIFT FOUNDATION	MODEL	PARMAR DHAVAL RAMALIYA SAILESH ALTAF KHURAJIYA PATEL TUSHAR KESHWALA SANJAY	121023106014 121023106001 111020106003 111020106044 111020106011	HIGHWAY / BTP	
	7	H.M.TANK/H.M.BHIMJIANI	CIVIL 5TH SEM	COLLEGE MODEL	MODEL	SARVAIYA BRIJRAJSINH	111020106030	BTP / WORKSHOP	
	8	U.C.KAKKAD/K.G.SAPARA	CIVIL 5TH SEM	DAM SAFETY	PAPER PRESENTATION	PRABAJ SAMRPAN HANSRAJ GARVAR MAYUR	121023106025 121023106021 121023106018	LIBRARY	
	9	K.G.SAPARA (H.M.BHIMJIANI	CIVIL 5TH SEM	DAD CROSS SECTIO	MODEL	chaniyaba Keyur Dadhaniya Kaushik	121023106006 121023106005	HIGHWAY / GEOLOGY / VORKSHOP	

Civil department pre final year students are making projects on advanced topics under the guidance of Prof. Gajera (HOD Civil) and all other civil faculties. Student list, topics, guide name is shown in above table. Projects will be completed almost till September end.



SR. NO	ACTIVITY INFORMATION
9	Activity : Building Site Visit @ Timbavadi, junagadh Type : Industrial Visit Branch: Civil 3 rd Semester Starting Date & Time : Saturday 07-08-2013, 10:00AM to 01:00PM Venue : Timbavadi, Junagadh Duration : 1 Day Faculty Members : Mr. K.G. Sapara and H.M. Bhimjiyani

On, 7th August students of civil department of 3rd semester visited the site of building. Nirav bungalows were under construction.

The purpose of the site visit is to give practical knowledge based on theoretical knowledge which they study in the book. Students were informed about the building construction related information that how the load bearing structure and frame structure are different.



SR. NO	ACTIVITY INFORMATION
10	Activity : Willingdon dam Visit Type : Industrial Visit Branch: Civil 1 st Semester Starting Date & Time : Saturday 08-08-2013, 10:00AM to 01:00PM Venue : Junagadh Duration : 1 Day Faculty Members: Mr. K.G. Sapara and H.M. Bhimjiyani
	<image/>

On, 08/08/2013 students of Civil branch of 1st semester visited for willingdon dam. It was arranged to explain the various parts of the dam such as water controlling gate , spillway water collection and flowing system etc.

Students of Civil branch came to know that Willingdon dam is an earthen dam. Students were benefited with such kind of activity.



SR. NO	ACTIVITY INFORMATION
11	<u>College Level Program</u>
	Activity : Social Awareness Program Type : Social Activity Date & Time : 18/08/2013 10:00AM to 01:00PM Venue : Chokli village, Junagadh
	<image/>

The parade was gathered at the Campus of Om Engineering College and has been green signaled by the guardian as well as trustee of Om Engineering College, Mr. Prashan Kadivar and strongly leaded by short speech by honorable Principal, Dr. H.M.Nimbark.

The honorable Principal has shared his views on social activities and considered the Om



Education Trust as Parivar's (Society) noble duty and wished best luck for this noble activity by helping to other parivar (Society) as part of Education and Social duties.



Students of First Semester have created many hoardings with slogans for awakening the Chokali Villagers. The slogans have been loudly spoken by the students and Om Engineering College has roared in the Chokali Village with almost 300 students.

"Action speaks louder than voice."

The students has been working on motto on helping and awaking on the serious issues on creating education awareness like hygiene, save girl-child, save energy, save trees, global environment, clean village, avoid addiction, malnutrition.





Spreading the awareness by visiting each shop, houses and huts.

Students have visited houses, shops as well as huts and students of electrical Department have spread usability of electricity as well as education. In fact students have also visited the shops for spreading the awareness of additions and shared the result of chewing tobacco and other additions and presented the saving money and its usage in their children education.





Drama preformed by primary students on King and Sparrow for Moralizing on Learning from every one as each one is unique. Drama performed by primary students on Ambo, Limdo and vad dada on moralizing that every tree has uniqueness of its usefulness for society without considering the taste, size, and age.

There was a Solo Speech on Independence Day by Girl primary school Chokali. She has shared views related to 15th August and speech was fluent and well prepared. In fact we were amazed with a confidence of a little old 5th standard girl. Story





Our students encouraged the kids for participation in such a beautiful event. Kids were given the prize for performing drama, songs and other performance by students of Om Engineering College.



