Platinum Foundation Managed

Gandhinagar Institute of Technology

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ABOUT US...

Gandhinagar Institute of Technology was established by Platinum Foundation Trust in December 2006. The Institute is affiliated to Gujarat Technological University and Gujarat University and approved by AICTE New Delhi.

The Trust is registered under Public Trust Act, having Registration No. E-17490 dated 19 June 2006 at Ahmedabad, Gujarat.

The Institute aims to be a leading center for research and engineering study, pursuing knowledge in both fundamental and applied area, and collaborating closely with business and industry in promoting technological innovation and economic development. The members of the Trust are involved in social activities and are also contributing to the technical institutions development by raising funds and promoting the technical interest of state and country.

Gandhinagar Institute of Technology is situated near Village "Moti Bhoyan" and 24 km away from Ahmedabad city.

It offers B.E Program in Mechanical Engineering, Electronics & Communication, Computer Engineering &, Information Technology and Civil Engineering. It also offers M.E. in Mechanical Engineering in Thermal Engineering and CAD / CAM Engineering. It also offers MBA Program with specialization in Marketing, Finance, Human Resource Management and Information Systems. Gandhinagar Institute of Technology will nurture the intellectual growth of its students and serve humanity through creation, application and dissemination of knowledge relevant to technology and become one of the premier Engineering and Management Institutes and achieve the highest order of excellence in teaching.

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MESSAGE FROM SHREE HARESHBHAI ROHERA

It's a matter of immense pleasure that GIT is publishing yet another issue of "GIT - A Song of Technocrat". In this highly competitive scenario technical as well as management education and skills are keys towards success.

When global competition is upon us, we must offer quality education and training to our young generation to cope up with the best and the emerging in the world. Keeping this in mind Platinum Foundation is offering the excellent possible technical as well as management education.

It is delighting to note that over a span of 5 years GIT has become one of the leading engineering colleges in Gujarat. But the thrust of leaning should never finish. Therefore, our collective efforts should direct towards all round improvement of GIT in all the frontiers if modern technical and management education.

The world is going ahead and ahead in the direction of technical innovations. I convey my warm blessings and best wishes to one and all members of GIT family. I also congratulate the members of the editorial board of "GIT - A Song of Technocrat".

ShreeHareshbhai Rohera
Trustee

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MESSAGE FROM SHREE GHANSHYAMBHAI THAKKAR

Sports, Arts and Culture are the supplement for student's education career. The multidimensional progress in such activities makes their professional and social lives perfect. Competitions create competence and coverage for taking up the challenges. The release of forth issue of "GIT - A Song of Technocrat",college annual magazine means a lot to our institute and me.

This magazine elaborates the various academic as well extra curricular achievements of students in different disciplines. These all development would be under the excellent leadership of the director Dr N M Bhatt and all the faculty members. My heartiest congratulations to them and to all the students for standing proficiently in such highly competitive era of globalization.

In this juncture, I send my good wishes & blessings for the grand success of publication with the message,
"Success does not depend on making important decision quick, but it depends on your quick action on important decision."

Shree Ghanshyambhai Thakkar
Trustee

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MESSAGE FROM DIRECTOR

It gives me immense pleasure that the fifth issue of our Annual magazine called 'GIT – A Song of Technocrats' is being published for fifth successive year. The magazine contains details about Institute Administration, Reports of various Curricular, Co-Curricular and Extra-Curricular activities, Details about Seminars, Workshops and Training program conducted by the Institute and attended by the faculty members, and technical/ non technical articles submitted by students and staff members of the Institute. The issue is a result of imaginative and expressive skill and talent of GIT family.

During a short span of six years, GIT has accomplished the mission effectively for which it was established. Institute has been constantly achieving the glory of excellence in the field of curricular, co-curricular and extra-curricular activities. An annual technical symposium TechXtreme - 2012 was successfully organized by the institute. More than 1000 students of various technical institutions across the Gujarat participated in the TechFest. Prizes worth Rs 2 lacs and trophies were given to the winners of total 36 events. During the year institute has organized Spoken tutorial on Linux, Latex, Scilab, and Python in association with IIT Bombay, seminar on Cisco Networking by Network Nuts, Robotics workshop in association with Star Robotics, CAD/CAM workshop in association with Khodiyar CAD Center for its students. The institute has also successfully organized Debate Competition, Rangoli Competition, Kite Flying competition, Ratri B4 Navaratri, and Sports activities. Institute has also arranged two blood donation drives and more than 300 units were collected from the students and staff members. Students have also participated and won prizes in various sports event organized by other Institutions including that of GTU. Students of the institutes won prizes in many technical symposiums organized at various engineering colleges of Gujarat. Institute has organized many industrial visits and expert lectures for the students for supplementing the class room teaching. I am extremely happy to mention that throughout the year the faculty members have worked very hard to achieve all kinds of curricular, co-curricular and extra-curricular activities.

The Institute is also emphasis on academic development of its faculty members. During the year, 12 International and 15 National papers were presented by the faculty members at various conferences organized across the India. The faculty members were also deputed to attend total 120 seminars/workshops/training programs/symposiums. The institute has organized many state level seminars and workshops on current trends of Engineering and Management. Spoken tutorial on Linux, Latex, Scilab, and Python in association with IIT Bombay, CAD/CAM/CAE workshop by Khodiyar CAD Center and AutoCAD 2011 Professional Certificate examination by Auto Desk are few of them.

Successful organization of extra and co-curricular activities of such magnitude in not possible without whole hearted support of committed and experienced Trustees of Platinum Foundation Mr. Hareshbhai Rohera, Mr. Ghanshyambhai Thakkar, Mr. Deepakbhai Ravani, Mr. Pravinbhai Shah and Smt. Varshaben M. Pandhi. I take an opportunity to express my deep feelings of gratitude to all the trustees of Platinum Foundation and Mr. Mahendrabhai Pandhi, member of Governing body of the trust for their constant support and motivation.

It's my privileged to compliment the staff members and the students for showing high level of liveliness throughout the year. I also congratulate the team of the 'GIT- A Song of Technocrat' for their untiring effort to bring out this fifth issue of the annual magazine.

Dr N M Bhatt

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MESSAGE FROM EDITORS

It is a great privilege to be editor of GIT- “A Song of Technocrat”, the forth college annual magazine.
In the current global economic environment, as per Jack Welch, people need to dare to execute new activities. GIT offered a significant platform for students and faculties to show their creative, imaginative, expressive, novel ideas and hidden talents. The content of magazine justifies about college activities and various achievements of students and faculties.
I am thankful to our Managing Trustees Mr. Harishbhai Rohera, Prof. Ghanshyambhai Thakker and our beloved director Dr. N. M. Bhatt for their constant guidance, encouragement, support and help in releasing GIT.

Nirali Kotak
Assistant Professor
EC Department

Sarthak Patel
Lecturer
IT Department

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REPORT ON TECHXTREME 2012

A National Level Techno-Managerial Symposium

TechXtreme 2012
19th & 20th March 2012

Platinum Foundation managed Gandhinagar Institute of Technology organized Third national level Techno-Managerial Symposium called TechXtreme-2012 on 19th and 20th March-2012 at the lush green campus of GIT. It comprised of more than 36 Technical and Management events and competition which motivated the students to bring out their inner technical and managerial skills. Dr Akshai Aggarwal, Honorable Vice Chancellor of Gujarat Technological University was the chief guest of the grand Inaugural function. Dr Aggarwal appreciated the genuine efforts made by GIT to enhance the technical education scenarios in Gujarat. He also congratulated GIT for their front runner enthusiastic approach towards the Quality Education in today's cut throat competitive world. Dr N M Bhatt, Director GIT shared his detailed vision over Institute's achievements and future plans. Trustees of the Platinum Foundation, Prof Ghanshyambhai Thakkar offered full support from management to take on any challenges in the future.

More than 1200 students from western India region participated in this grand gala event. Various competitions related to the Robotics, Computer Programming, Electronic Circuit Designing, Design of Suspension Bridge and Business Plan competitions were among a few of it's a major attractions. Cash prizes worth Rs 2 lacks and eye-catching trophies were distributed to the winners. Five different workshops on Robotics, Automobile Engineering, Web Designing etc. were also organized during these

two days with the great support from the Industries for the participants to have latest know how in today's industrial economy.

The participants found Mountain Mania (robo- race Event) very much difficult as there were two steeply constructed Mountains connected via a hanging bridge and with lots of hurdles in the racing track. Robo-Roadies was also a major attraction in which robots had to perform tedious tasks based on the famous roadie's concept. Khoj Yatra (event based on Google hunt), Snap It (photographic event), Youngistan Express (News Paper Making competition), Adventure Saga (Treasure Hunt), Grey Hack (Hacking Event). TechXmod (Model Presentation), Incite(Skit), Innatigma (Business Quiz), Cad Art (cad competiton) were among the few major attractions.

The first day events were followed by the musical evening in association with New Delhi based famous rock band "Ecstasy".Huge Media Coverage was also attained.

Prof. Hardik Bhatt, Prof. Rahul Vaghela and Prof. Mukesh Khemani successfully coordinated the whole event under the patronage of Dr N M Bhatt, Director GIT. Mr Nrupen Patel (GS), Mr Sapan Shah (AGS), Mr Devansh shah (CS), Mr Amit Bhatia (SS), Miss Ira Jardosh (LR) did a wonderful job during the whole event. Mr Dhaval Shah and his team supported in congratulating way.

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GIT - A SONG OF TECHNOCRATES

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SEMINAR - WORKSHOP - EXPERT LECTURE

ISTE approved S.T.T.P. on Emerging Trends in Software Engineering (23rd May to 27th May 2011)

Computer Engineering/ Information Technology department was organized ISTE approved S.T.T.P. on "Emerging Trends in Software Engineering" on 23rd May to 27th May 2011. During 5 days session, total 22 hours for theory and hands on session and 4 hours for industry visit. Read More : >>

Soft-Skill Development Programs for Students

Class	Date	Duration	Topic	Conducted by
Sem - 3,5,7 (CE-IT)	14/02/2011	One day	Networking Basics	Metrobit Technologies
Sem - 5,7 (CE-IT)	15/02/2011	One day	LINUX	Metrobit Technologies
Sem - 5,7(CE-IT)	25/08/2011	One day	Core Java	Prof Bharat V Budhdhadev
Sem 2-4 (All Branches)	07/04/2011 to 08/04/2011	Two days	Robotics fabrication and competition	Star robotics Pvt. Ltd.

MBA

Sr. #	Name of Expert member	Title of Seminar/Workshop/STTP/Symposium	Organizer (in case of conference) (Name and Place of the institute/organization)	Duration	Date
1.	Mr. Tejpal Sheth	Consumer Protection Act, 1986	GIT (MBA Dept.)	3 hrs.	18th October 2011
2.	Mr. Vivek Randeria	Corporate Grooming & Business Etiquette	GIT (MBA Dept.)	6 hrs.	20th October 2011

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INDUSTRIAL VISIT ORGANIZED

Civil Engineering

Semester	Date of Visit	Name of Industry or Site	No. of days	No. of students	No. of faculty
6th	24/02/2012	Ahmedabad Municipal Cooperation Water Treatment Plant (Kotarpur)	01	54	02
6th	2/03/2012	Kadana Dam, Panchmahal District	01	66	02
4th	10/03/2012	Techeometry Project At Amarpura, Gandhinagar	01	51	03

Computer Engineering / Information Technology

Semester	Date of Visit	Name of Industry	No. of days	No. of students	No. of faculty
7th Sem	9/6/2011	Tops Technology, Ahmedabad	01	210	06
4th SEM	21/02/2011	BISAG, Gandhinagar	01	210	08

Electronics and Communication Engineering

Semester	Date of Visit	Name of Industry	No. of days	No. of students	No. of faculty
3rd	15/10/2011	PCB Power, Gandhinagar	01	72	02
5th	14/10/2011	All India Radio, Ahmedabad	01	66	02
7th	13/10/2011	INS Valsura, Jamnagar	01	51	03
6th	28/2/2012	DDK, Abad	01	63	02

Mechenical Engineering

Semester	**Date**	**Company visited**	**Field**
VII	08.08.2011	Jyoti CNC Automation Pvt. Ltd.	CNC Machines
V	26, 27, 29 & 30th Sept, 2011	BhagwatiAutocast Pvt. Ltd. Or Kadana Power Plant Or Torrent Power Plant	Casting Technology or Power Plant Engineering
III	No visit due to poor response from company	Indo German Tool Room Or Ruby Bus Pvt Ltd	MP-1
VIII	24.02.2012	Ice plant at Vatva	Refrigeration and Air-conditioning

M.B.A

Name of the Company	Location	Visitor Students	Date
Mundra Port & Special Economic Zone Ltd.	Mundra, Kutch	MBA-II/SEM-III	25th August - 26th August 2011
Reliance Hypermarket (Only For Marketing Students)	Shahibaug, Ahmedabad	MBA-II/SEM-III Mktg. Specialization	7th October 2011

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ANNUAL SPORTS REPORT

Academic year : 2011 – 2012

Sports Committee has been established since academic year 2007 – 2008 for bringing out talent from students and giving them platform to perform in sports events organized by college , other colleges and GTU.

Following are the members of sports committee from faculty side :

Sr. No.	Name of Faculty	Designation
1	Dr N M Bhatt	Director , Coordinator – Annual Sports Activities - 2011 - 2012
2	Mr Parthiv Shah	Co - Coordinator – Annual Sports Activities - 2011 – 2012, Coordinator - Cricket
3	Mr Balvant Tandel	Coordinator - Volleyball
4	Mr Sagar Kothari	Co- Coordinator - Volleyball
5	Mr Prashant Patel	Coordinator - Kabaddi
6	Mr Chirag Vyas	Co- Coordinator - Kabaddi
7	Mr Umang Patel	Coordinator – Bad minton
8	Mr Gunjan Jani	Coordinator – Chess
9	Mr Hardik Patel	Coordinator – Table Tennis
10	Mr Darshan Shah	Coordinator – Carom

Following are the members of Sports Committee from student side :

Sr. No.	Name of Student	Designation
		G.S. Co - Coordinator – Annual Sports Activities – 2011 -2012

1	Nrupen	
2	Sapan	A.G.S. Co - Coordinator – Annual Sports Activities – 2011 -2012
3	Amit Bhatia	Sports Secretary Co- Coordinator – Annual Sports Activities – 2011 - 2012
4	Parth Chavda , Patel Vivek , Pathan Hunaidkhan	Coordinators - Cricket
5	Desai Bhavik , Lakhia Jimmy , Patel Parth	Coordinators - Volleyball
6	Nikunj Prajapati Kruti Acharya Vidit Maniyar , Saumil Patel, Manthan	Coordinators - Kabaddi
7	Indraneel Darji, Madhur Ahir, Arnav Panchal	Coordinators – Badminton
8	Deep Kankaria , Dipen Bhavsar , Samir Talsania	Coordinators – Chess
9	Dhrumil Shah , Sahil Sheth , Saumil Patel	Coordinators – Table Tennis
10	Harshal Patel , Gaurav Vaniya , Darshan Shah,Seta Ronak ,Chaudhay Vishvajit	Coordinators – Carom
11	Harsh Kanada , Rohit , Dhruv Patel, Kavita Chaudhary	Coordinators – Photography
12	Dhruv Patel , Harsh Patel , Vidhi Choksi , Shimoli Patel , Neha Suresh , Mansi Joshi	Coordinators – Posters

Results (Students)

Sr. No.	Game	Winners	Runners Up	Score
1	**Cricket**			**3rd Year C.E. (A) successfully chased the target of 128 in 16 overs with 2 wickets left** **15-9,** **8-15,**
		3rd Year C.E- A	**3rd Year M.E-B**	
		DEEP VYAS 090120107003	PATEL HARDIK 090120119084	
		HENIL SHAH 090120107044	THAKKAR RAVI 090120119088	
		ABHI PABARI 090120107004	SAMAL SOMESHWAR 090120119089	
		ROHAN SHAH 090120107023	SUTHAR KINJAL 090120119066	
		MANIYAR VIDIT 090120107014	SOLANKI BRIJESH 090120119054	
		PARIKH TAPAN 090120107006	PATEL DHRUV 090120119062	
		JAPAN SHAH 0901201070014	VAIDYA KAVAN 090120119073	
		PARTH VAKHANI 0901201070055	GAMARA RAVI 090120119057	
		SOHIL SHAH 090120107019	MODI KETUL 090120119069	

		ABHAY RAWAL 090120107022	-	**15-13**
		DHARMENDRASINH ZALA 090120107018	-	
		PARTH PANDYA 090120107045	-	
		SAJID IPROLIYA 0801201070029	-	
2	**Volleyball**			
		4th Year EC	**1st Year MBA**	
		AMITSINGH BHATIA (C) 080120111005	SWAMI TAPAN (C) 117150592001	
		PATEL VIVEK 080120111037	VYAS JAY 117150592007	
		KHESKANI JAYESH 080120111023	GAUDANI JAY 117150592012	
		PATEL JAIMIN \080120111032	PARIKH AAKASH 117150592002	
		CHAUHAN JAYPAL 90123111006	PADIA AVI 117150592010	
		PANDYA SWARNIL 080120111026	RAVAL RONAK 117150592025	
		NAIK SAPAN 07EC051	RAVAL PARTH 117150592018	
		GHODASANA CHETAN 080120107025	VAGHASIYA YAKIN 117150592024	
		-	PAREKH NIRAV 117150592037	
3	**Kabaddi**			**63 -34**
		4th Year IT	**2nd Year ME (B)**	
		SHINOD B.M(C) 080120116076	SHWETAL SHAH(C) 100120119085	
		HITESH DHADUK 080120116014	KASHYAP PATEL 100120119080	
		SAGAR HIRANI 080120116021	DEEP DEVANI 100120119067	
		BHAVIK PATEL 080120116047	AJAY KUMAR 100120119093	
		MANTHAN SHAH 080120116071	HARSH GOR 100120119096	
		AJESH NAGAR 080120116044	NISHANT SHARMA 100120119097	
		NAYGHAV BHARVAD 080120116007	AKSHAY CHAVDA 110123119014	
		ANAY PANCHAL 080120116042	MANOJ YADAV 110123119011	
		PARTH PATEL	-	
	Bad Minton			
	Boys Singles	INDRANEEL DARJI 080120107013	MADHUR AHIR 100120116069	**(21-16) , (19-21) , (21-18)**

4	Boys Doubles	INDRANEEL DARJI 080120107013 & MADHUR AHIR 100120116069	ARNAV PANCHAL 080120116042 & VIPUL GOHIL 100120119097	**(21-9), (21-7)**
	Girls Singles	SUHANI SHAH 090120107057	DHWANI GANDHI 110120106053	**(23-21)**
	Girls Doubles	SUHANI SHAH 090120107057 & POOJA UPADHAYAY 090120107102	DHWANI GANDHI 110120106053 & DHWANI MAKWANA 110120111035	**(23-21)**
5	**Chess**			
	Chess	DIPEN BHAVSAR 110123111007	DEEP KANKARIA 090120119022	-
6	**Table Tennis**			
	Boys - Single	DARSHIL SHAH 090120107088	SHAHIL SHETH 080120119050	-
	Boys – Doubles	SHAIL SHETH 080120119050 SAUMIL PATEL 090120107126	DHRUMIL SHAH 100120111007 UDIT VYAS 110120107020	-
7	**Carrom**			
	Boys - Singles	DHAVAL KOTADIYA 90120119041	DARSHAN SHAH 090120111006	-
	Boys - Doubles	JAYDEEP RAGHWANI 100120106036 & ROHAN PORWAL 100120106022	PATEL AKASH 110120119032 & PATEL NILAY 110120119040	-
	Girls - Singles	KAVITA CHOUDHARY 187150592003	POOJA BAVISHI 110120107122	-
	Girls - Doubles	VIDHI CHOKSHI 100120107131 & SUHANI SHAH 90120107057	CHATBAR KRISHNA 100120116005 & THAKKAR PRKARUTI 100120116037	-

Results (Faculties)

Sr No.	Game	Winners	Runner Ups	Score
123456789101112		**Rest Of GIT – I (E.C. + Civil + Electrical + Maths + Library)**	**Rest Of GIT – II (Admin + Electrical + Maths)**	
		MR GUNJAN JANI (C)	MR PRANAV DAVE (C)	Rest of GIT - I scored **151 – 5** in 16 overs , defeating Rest of GIT – II by **78** runs , **Mr Parthiv Shah** scored **55** runs & **Mr Jayesh Solanki** scored **40** runs
		MR PARTHIV SHAH	MR TEJAS SHAH	
1	Cricket	MR JANAK PATEL	MR MAHENDRA THAKOR	
		MR JAYESH SOLANKI	MR KAUSHAL	
		MR GAURAV DARJI	MR HIREN TRIVEDI	
		MR GAURANG TRIVEDI	MR ASHOK PAL	
		MR SANDIP KHAKHARIYA	MR GUNVANT THAKOR	

		MR HARDIK PATEL	MR KAUSHAL SATHWARA	
		MR MAYANK KAPADIYA	MR DEVADITYA GHOSH	
		MR JITU PATEL	MR SAGAR KOTHARI	
		MR RITESH SHOBHAVAT	MR PRASHANT PANDYA	
2	Volleyball	**CE + IT**	**Mechanical**	
		MR SWAPNIL VAKHARIYA	MR NIMESH GAJJAR	**CE + IT** won by **15 – 8 , 15 - 12**
		MR DUSHYANT RATHORE	MR CHIRAG VYAS	
		MR HITESH PATEL	MR KULDIP DODIYA	
		MR JITENDRA SOLANKI	MR MUKESH KHEMANI	
		MR HARSHAD RATHOD	MR RASHMIKANT PATEL	
		MR RAMESH PRAJAPATI	MR KUNAL PATEL	
		MR AMAR SHAH	MR NIRAV PATEL	
		MR KIRIT PATEL	MR MRUGESH KHATRI	
		MR KALPESH PRAJAPATI	MR TAPAN PATEL	
3	Badminton Boys – Singles	MR HIREN TRIVEDI	MR SAGAR KOTHARI	**21 - 19**
4	Chess	MR GUNJAN JANI	MR MITESH MUNGLA	-
5	Table Tennis	MR GUNJAN JANI	MR PARTHIV SHAH	-

It is a matter of immense pride and satisfaction that we , Sports Committee , have organized Annual Sports Activities 2011 – 2012 successfully in the months of January – February , '2012 . I thank all who have supported and influenced the sports activities positively.

I , from bottom of my heart , thank Director sir **Dr N M Bhatt** for guiding us in organizing the events. These events would not have been organized so smoothly and successfully if the positive support and guidance were not provided by him. I specially thank him for availaing cricket , volleyball and kabaddi grounds in time.

I would like to thank and appreciate **Mr Balvant Tandel** & **Mr Sagar Kothair** for **Volleyball , Mr Prashant Patel** & **Mr Chirag Vyas** for **Kabaddi , Mr Umang R Patel** for **Badminton** , **Mr Gunjan Jani** for **Chess** , **Mr Hardik Patel** for **Table Tennis** and **Mr Darshan Shah** for **Carom.** Without their sincere support , these events would not have been possible.

Sports Events have always been for students and by the students. Their hard work and desire to make an event success is second to none. It is just impossible to think organizing an event without them. I would like to appreciate **Nrupen** (G.S.) **, Sapan** (A.G.S.) , **Amit Bhatia** (S.S.) , **Devansh** (C.S.) , **Ira** (L.R.) , **Parth Chavda** (For Cricket) **, Indraneel , Madhur** & **Arnav** (For Badminton) , **Dipen** & **Dhruv** (For Chess) , **Dhrumil , Sahil , Saumil** , (For T.T.) , **Nikunj, Kruti** ,**Satish , Vidit** (For Kabaddi) , **Bhavik** (For Volleyball) for the success of an event. I want to thank **Dhruv , Harsh , Vidhi , Shimoli , Neha , Suresh , Mansi** , for making theromocol sheets of all events. A special thanks to **Harsh , Rohit** & **Dhruv , Kavita** for taking photographs of the events.

Mr Parthiv Shah
Coordinator – Sport

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KITE FESTIVAL

Gandhinagar Institute of Technology (GIT) is a prominent organization, headed by Director Dr N M Bhatt (M.Tech, Ph.D).The institute had organized a Kite Festival Competition 2012 on 21/01/2012.In the competition 120 students had participated enthusiastically. All the participants were equally divided in to 30 groups, and all 30 groups were separated in to 3parts A1 to A10, B1 to B10 & C1to C10 respectively. The competition started at 9:45 am. The sky was filled with colorful kites in short time. One by One three groups participated and the competition was over at 12:50 pm. After the kite cutting festival of students, faculty members had flied kites and enjoyed a lot. Prof. Chandani Changela (Cultural Coordinator) successfully coordinated the event with the great support of Director Sir Dr N M Bhatt and Mr. Dhaval Shah (Administrative Officer).The success of this grand event goes to energetic students Mr.Devansh Shah (Cultural Secretary), Ms. Ira Jardosh (LR) and staff members of GIT. Prizes were given to the three winner groups as follows:

Sr. No.	Students Name with Enrollment Nos.	
1	Apurv Panchal	100120119084
	Bhavin Kumbhani	100120106035
	Himali Shah	100120107119
	Vishuddhi Bhuta	100120116008
2	Parth Patel	110120116090
	Mihir Shah	110120116073
	Harsh Bhatt	110120116087
	Vikas Patel	110120116064
3	Kishan Parmar	100120107088
	Devang Modi	100120107085
	Prima Nanavati	100120107023
	Mayur Chauhan	100120119033

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RATRI B4 NAVRATRI

Platinum foundation managed Gandhinagar Institute of Technology (GIT) is a well-known institute, offering BE, ME and MBA courses, Headed by Director Dr N M Bhatt (M.Tech,Ph.D) GIT has always been a pioneering institution in the field of academic as well as co-curricular activities trough its various initiatives. As a part of its social responsibility, GIT regularly organizes various programmes.Ratri B4 Navratri event was held on 24/09/2011 in institute premises in which more than thousand students had taken part.In this auspicious event to encourage the students first,second and third prices as well as the best performer price were given to them by our trusty Harish Rohera sir. The success of whole program is under the direction of Dr N M Bhatt (Director Sir), Mr. Dhaval Shah(Administative Officer) & Ms. Changela Chandni(Cultural Coordinator), with the supportive hand of GS, AGS,LR, Cultural secretory. According to their performance the following students got the princess by the judgment of the three judges Ms.Chandni Changela, Mrs.Tejas Patel and Mrs. Rupam Sikligar.

Sr.	Category	Rank	Name	Enrollment/ Roll No.
1.	Best Solo Garba Performance (Male)	First	Parekh Winners	100120119026
		Second	Patel Dhruv	090120119062
		Third	Trivedi Omkar	107150592055
2.	Best Solo Garba Performance (Female)	First	Kunjadia Pooja	CE097
		Second	Marvad Priti	107150592022
		Third	Chhapia Akshita	CE062
3.	Best Costume(Male)	First	Gandhi Manthan	090120119094
		Second	Vaishnav Vijay	080120107120
		Third	Desai Sarthak	090120119063
4.	Best Costume(Female)	First	Patel Radhika	080120116058
		Second	Panchal Ankita	

		Third	Parihar Monika	090120107121
5.	Best Group Performance	First	Shah Sailavi	090120107020
		Second	Patel Jinkal	080120116050
		Third	Darji Jignesh	090120107077
6.	Overall Best	Thakkar Dhvani		090120107024

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BLOOD DONATION DRIVE

DRIVE 1 : 28-09-2011

DRIVE 2 : 17-04-2012

Platinum Foundation managed Gandhinagar Institute of Technology (GIT) is a well-known technical institution which offers BE, ME and MBA courses. Headed by Director Dr N M Bhatt (who is an IITian) GIT has always been a pioneering institution in the field of academic as well as co-curricular and extra-curricular initiatives. As part of its social responsibility, GIT regularly organizes various programmes. In continuation with the tradition, a major Blood Donation Drive was organized on 28/09/2011 and 17/04/2012; Wednesday at the institute premises in association with Prathma Blood Center, Ahmedabad who is also a leader in its field. Chief coordinator Dr. N M Bhatt who is also a regular blood donor motivated the students and staff members of the institute to donate the blood. 317 (Three Hundred and Seventeen) units of blood were donated during both drive. Prof. Hardik Bhatt and Prof. Chandani Changela successfully coordinated the event with the fullest support from vibrant students and staff members of GIT. Mr. Dhaval Shah (Administrative Officer), Mr. Nrupen Patel (GS), Mr. Sapan Naik (AGS), Mr. Devensh Shah (Cultural Representative), Mr. Amit Bhatiya (Sports Representative), Ms. Ira Jardosh (LR) and other students' council members played a very important role for the successful organization of this grand event. The Prathma was more than happy for this achievement on the first day of the holy Navaratri festival. GIT once again proved a helping hand to the society in its odd times.

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ORIENTATION POGRAM REPORT (2011-2012)

With an objective of smooth induction in to the new environment of GIT, an Orientation program was scheduled on 1st August 2011 for newly admitted students of BE semester I. For better interaction, the schedule of the orientation program has been made as follows:

Time	Event
9.30 am onwards	Presentation by Director, Head of all the Departments, Training and Placement Officer , GTU coordinator and Librarian Question – Answer Session (A105, Seminar Hall)
12.00 noon to 1.00	Refreshment (Outside A105 (Seminar Hall))
1.00 pm onwards	Distribution of Time Table, Important Instructions, Visit of the College in sub-groups

During the orientation program, presentations were given by the Director, all HODs, GTU coordinator, Training and Placement officer and Librarian. Director gave glimpse of the Institute which includes information about Trustees, Governing Body, Institute rules and regulation, various facilities etc. HODs gave detailed information about respective departments. Teaching and examination scheme of GTU was presented by GTU coordinator of the institute. Information about training and placement activities was given by Training and Placement officer. GIT has rich library resources. Detailed information about the same was given by Librarian. The sessions were very interactive and students highly appreciated the program.

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GIT RANKERS

Civil Engineering

B.E. Semester – 1 (CL)

Sr. No.	Enrollment No.	Name of Student	SPI
1	100120106020	Nagar Hardik Mukeshkumar	7.73
2	100120106013	Gadhia Shailee Sanjaybhai	7.67
3	100120106017	Bhatt Mrugen Jayesh	7.67
4	100120106006	Velani Nitinkumar Arjanbhai	7.17
5	100120106003	Shah Kavisha Ashitbhai	6.97

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B.E. Semester – 2 (CL)

Sr. No.	Enrollment No.	Name of Student	SPI
1	110120106044	Tarang Chokhani	7.9
2	110120106051	Majmundar Raghav Tejasbhai	7.4
3	110120106061	Bhatt Parth Nileshkumar	7.33
4	110120106020	Batti Asifali Sabbirbhai	7.07
5	110120106052	Majmundar Preksha Pranatray	6.73

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B.E. Semester – 3 (CL)

Sr. No.	Enrollment No.	Name of Student	SPI
1	100120106003	Shah Kavisha Ashitbhai	7.67
3	100120106017	Bhatt Mrugen Jayesh	7.67
2	100120106006	Velani Nitinkumar Arjanbhai	6.67
4	100120106019	Nagar Poojan Jugalkishore	6.67
5	100120106020	Nagar Hardik Mukeshkumar	6.67

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B.E. Semester – 4 (CI)

Sr. No.	Enrollment No.	Name of Student	SPI
1	90120106022	Sharma Sandesh Akhileshkumar	7.43
2	90120106009	Dave Brinda Hareshbhai	7.03
3	90124106402	Pandya Milan Pinakin bhai	6.97
4	90120106004	Das Dev Prakash Ajay Kumar	6.93
5	90120106030	Khaitan Ankit Sanjay	6.77

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B.E. Semester – 5 (CL)

Sr. No.	Enrollment No.	Name of Student	SPI
1	90120106009	Dave Brinda Hareshbhai	8.23
2	90124106402	Pandya Milan Pinakin bhai	7.37
3	90120106014	Thakkar Sandhyaben Atmarambhai	7.33
4	90120106016	Patel Tirth Nilesh kumar	7.23
5	90124106403	Kumavat Aakash Babulal	7.23

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Computer Engineering

B.E. Semester – 1 (CE)

Sr. No.	Enrollment Number	Name	SPI
1	110120107090	TRIPARTI SONAM	8
2	110120107094	SHINDE ROSHNI	7.87
3	110120107021	GADHIYA PRIYANKA	7.4
4	110120107016	REWARI NISHA	7.37
5	110120107010	SANGHVI AYUSH	7.23
6	110120107034	SHETTAR NEHA	7.23
7	110120107017	SHAH ANJALI	7.13
8	110120107006	SHRIVASTAV JAGRAT	7.03
9	110120107005	SHAH BHAUMIK	7
10	110120107033	TEKCHANDANI ANJALI	6.87

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B.E. Semester – 2 (CE)

Sr. No.	Enrollment Number	Name	SPI
1	100120107037	NAKADE SONAL RAMESHBHAI	9.30
2	100120107011	JOHN PRIYA	8.73
3	100120107036	JARDOSH IRA MAHENDRABHAI	8.50
4	100120107070	RAJANI BHUMIKA SHYAM	8.50
5	100120107003	SHAH AKASH GAUTAMKUMAR	8.33

6	100120107068	RAICHANDANI JAY RAJESHKUMAR	8.23
7	100120107020	DARUWALA FIZA MOHDAMIN	8.17
8	100120107017	SHAH UMANG ANANDKUMAR	8.13
9	100120107007	SHAIKH ABDULWAKAR ABDULGANI	8.10
10	100120107035	SHAH VRAJNI SANDIPBHAI	8.00

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B.E. Semester – 3 (CE)

Sr. No.	Enrollme Number	Name	SPI
1	100120107037	NAKADE SONAL	8.3
2	100120107009	PATEL RUCHI	8.27
3	100120107017	SHAH UMANG	7.97
4	100120107016	TRIPATHY TANUSHREE	7.87
5	100120107010	PANDYA SWATI	7.8
6	100120107128	KHETAN SURBHI	7.73
7	100120107036	JARDOSH IRA	7.67
8	100120107034	SHAH RIDDHI	7.53
9	100120107011	JOHN PRIYA	7.53
10	100120107028	VORA MANSI	7.43

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B.E. Semester – 4 (CE)

Sr. No.	Enrollment Number	Name	SPI
1	90120107030	SHAH PARTH JITENDRAKUMAR	8.17
2	90120107037	SVADAS TWINKLE JAYESH	7.80
3	90120107116	SHAH RAJ RAJENDRA	7.77
4	90120107008	SHAH ISHAN KAMLESHBHAI	7.70
5	90120107016	BOSAMIYA KINJAL JAGDISHBHAI	7.63
6	90120107043	AMIPARA DIMPAL RAMESHBHAI	7.63
7	90120107003	VYAS DEEP YOGESHBHAI	7.60
8	90120107039	AGRAWAL SEFALI ASHOKKUMAR	7.37
9	90120107105	KOTADIYA KHUSHBOO RAMESHBHAI	7.37
10	90120107051	KUMAR NANDAN DEEPENDRA	7.30

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B.E. Semester – 5 (CE)

Sr. No.	Enrollment No.	Name	SPI
1	90120107039	AGRAWAL SHEFALI	8.17
2	90120107005	DETROJA ANKIT	7.97
3	1.00123E+11	SONI HEENA	7.9
4	90120107008	SHAH ISHAN	7.83

5	90120107044	SHAH NEHIL	7.8
6	90120107014	MANIYAR VIDIT	7.67
7	90120107010	PATEL ZALAK	7.63
8	90120107003	VYAS DEEP	7.4
9	90120107037	SVADAS TWINKLE	7.33
10	90120107016	BOSAMIYA KINJAL	7.3

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B.E. Semester – 6 (CE)

Sr. No.	Enrollment Number	Name	SPI
1	80120107091	SHAH DHWANI NITINKUMAR	8.77
2	80120107008	CHAUBEY VIKRANT PRABHAKAR	8.67
3	80120107099	SHAH VIKAS DINESHKUMAR	8.20
4	80120107025	GHODASARA CHETAN JERAMBHAI	7.97
5	80120107092	SHAH KRUTARTH SUNILKUMAR	7.77
6	80120107018	DESAI MITALI SAMIR	7.67
7	80120107003	BAVISI HIRALKUMARI KIRITKUMAR	7.63
8	80120107107	SONI DARSHIL ATULKUMAR	7.53
9	80120107081	RAMANI PRIYESH JAI KISHAN	7.50
10	80120107086	SHAH ABHINAV NIKHILBHAI	7.50

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B.E. Semester – 7 (CE)

Sr. No.	Enrollment No.	Name	SPI
1	80120107046	MODI CHINTAN SANJAYBHAI	8.3
2	80120107084	RAVAL PAYAL VIRENDRABHAI	8.2
3	80120107091	SHAH DHWANI NITINKUMAR	8.03
4	80120107018	DESAI MITALI SAMIR	7.97
5	80120107115	TRIVEDI KARISHMA KAUSHIK	7.97
6	80120107008	CHAUBEY VIKRANT PRABHAKAR	7.9
7	80120107017	DESAI JEENAL RAJIVKUMAR	7.87
8	80120107109	ASHISHKUMAR SURANI	7.83
9	80120107086	SHAH ABHINAV NIKHILBHAI	7.8
10	80120107081	RAMANI PRIYESH JAI KISHAN	7.67

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B.E. Semester – 8 (CE)

Sr.	Seat Number	Name	SPI
1	7099	PILLAI DHANYA RAMCHANDRAN	80.62
2	7118	SHAH VISHAL DIVYESHKUMAR	80.31
3	7117	SHAH UTSAVKUMAR SUHASHKUMAR	78.31

4	7050	MAJMUDAR AADIT VIDULKUMAR	77.38
5	7135	VAKIL MONALI DARSHANKUMAR	76.31
6	7134	VAGHELA YUVRAJSINH RAJENDRASINH	75.69
7	7079	PATEL JAYNESH DHAVALBHAI	75.38
8	7006	ARCHANA SINGH	75.23
9	7113	SHAH KARISHMA JALESHBHAI	74.31
10	7136	VALERA MANISHABEN HARIBHAI	73.54

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Electronics and Communication Engineering

B.E. Semester – 1 (EC)

Sr. No.	Enrollment Number	Name	SPI
1	110120111045	AJITH KUMAR P	8.23
2	110120111001	GOHIL DIVYARAJ MANHARSINH	7.63
3	110120111015	GOEL SHUBHANK KRISHANMURARI	7.37
4	110120111006	JOSHI SHISHIR RAJENDRA	7.33
5	110120111005	PATEL KINJAL DILIPBHAI	7.27

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B.E. Semester – 2 (EC)

Sr. No.	Enrollment No.	Name	SPI
1	100120111010	Pandya Ashlesha	7.9
2	100120111003	Shah Jimit	7.63
3	100120111021	Ramchandani Mohit	7.6
4	100120111062	Nishtha Shrivastava	7.57
5	100120111019	Hukumtani Komal	7.53
6	100120111063	Pandya Khushbu	7.5

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B.E. Semester – 3 (EC)

Sr. No.	Enrollment Number	Name	SPI
1	100120111022	PATEL RUPESHABEN JITENDRAKUMAR	8.27
2	100120111004	TRIVEDI DHAVAL SATISHBHAI	8.23
3	100120111036	VASANI DIVYESH PRAKASHKUMAR	8.07
4	100120111019	HUKUMTANI KOMAL RAMESHLAL	7.9
5	100120111003	SHAH JIMIT JAIMINBHAI	7.8
6	100120111006	PATEL PRIYANKA JITENDRA	7.8

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B.E. Semester – 4 (EC)

Sr. No.	Enrollment No.	Name	SPI
1	90120111004	Patel Minal	7.77

2	90120111005	Yagnik Nidhi	7.6
3	90120111030	Rao Sarnya	7.3
4	90120111022	Gandhi Zarana	7.2
5	90120111013	Shah Manan	7.17
6	90120111008	Patel Niravkumar	7.17

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B.E. Semester –5 (EC)

Sr. No.	Enrollment No.	Name	SPI
1	90120111005	Yagnik Nidhi	7.83
2	90120111064	Patel Konarkkumar	7.5
3	90120111024	Sanandiya Kinjal	7.23
4	90120111030	Rao Saranya	7.2
5	100123111006	Maheriya Surajkumar	7.1

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B.E. Semester – 6 (EC)

Sr. No.	Enrollment No.	Name	SPI
1	80120111021	Vaibhav Karnik	9.0
2	80120111046	Abhishek Shah	8.4
3	80120111047	Aakash Shah	8.2
4	80120111035	Nirmit Patel	8.2
5	80120111001	Kruti Acharya	7.8
6	80120111009	Rajesh Chavda	7.8
7	80120111018	Chandresh Jeeyani	7.8
8	80120111054	Jainil Soni	7.6

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B.E. Semester – 7 (EC)

Sr. No.	Enrollment Number	Students' Name	SPI
1	80120111021	Karnik Vaibhav	9.07
2	80120111047	Shah Akash Y.	8.57
3	80120111017	Gautam Nisha	8.53
4	80120111054	Soni Jainil	8.43
5	80120111001	Acharya Kruti	8.4
6	80120111025	Nair Dinesh	8.4

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Information Technology

B.E. Semester – 1 (IT)

Sr. No.	ENROLLMENT NO	NAME	SPI
1	110120116004	PATEL AAYUSHI RAKESHKUMAR	7.87

2	110120116024	SONI RIPALBEN MAHESHKUMAR	7.33
3	110120116012	JAMBWANI SUMEET MAHESHKUMAR	5.83
4	110120116013	RAJPARA VIVEKKUMAR BHARATBHAI	5.83
5	110120116047	PANAGAR ANUSHKA NARESH	5.77
6	110120116005	DAVE KARAN MILAN	5.73
7	110120116035	POOJA GOPI	5.30
8	110120116058	PATOLIA PARTHKUMAR MUKESHBHAI	5.30

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B.E. Semester – 2 (IT)

Sr. No.	ENROLLMENT NO	NAME	SPI
1	100120116093	BHOOMIKABAHEN PATEL	8.60
2	100120116009	SHARMA DEEPAK RAJENDRAKUMAR	8.43
3	100120116091	KOMAL BALA	8.33
4	100120116007	SAXENA SHEENI A K	8.17
5	100120116053	JOSHI NIRAJ JOGESH	8.13
6	100120116005	CHHATBAR KRISHNA MAHESHBHAI	8.10
7	100120116004	SHAH KASHISH HIRENKUMAR	8.07
8	100120116095	BHATT POONAM VIJAYBHAI	8.03

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B.E. Semester – 3 (IT)

Sr. No.	ENROLLMENT NO	NAME	SPI
1	100120116007	SAXENA SHEENI A K	7.8
2	100120116009	SHARMA DEEPAK RAJENDRAKUMAR	7.7
3	100120116002	VORA JAY ALKESHKUMAR	7.43
4	100120116004	SHAH KASHISH HIRENKUMAR	7.17
5	100120116020	SHAH MAITRY KAMLESH	7.17
6	100120116053	JOSHI NIRAJ JOGESH	7.17
7	100120116036	NAIR PRASHANT KUTTYNARAYAN	7.13
8	100120116003	AGRAWAL RISHABH RAKESH	7

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B.E. Semester – 4 (IT)

Sr. No.	ENROLLMENT NO	NAME	SPI
1	90120116102	MITRA SNEHA ANIL	8.2
2	90120116015	KHAN SAIMAFATIMA ABULQAIS	8.1
3	100123116001	WANKHEDE SHRIKANT DAMODAR	7.8
4	90120116021	SHETHWALA PARTH DEEPAKKUMAR	7.6

5	90120116003	THAKKER MEGHA	7.5
6	90120116095	PANDYA MEGHA BHASKERBHAI	7.4
7	100123116003	THAKKAR HALEY KRISHNAKANT	7.1
8	90120116023	NAIK VIHA VIJAYBHAI	7.1
9	90120116034	GAMI SHAILEE KETANKUMAR	7.1
10	90120116085	SABINA KUMARI	7.1

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B.E. Semester – 5 (IT)

Sr. No.	ENROLLMENT NO	NAME	SPI
1	90120116004	PATEL SHIVANI KANUBHAI	8.03
2	90120116023	NAIK VIHA VIJAYBHAI	7.67
3	90120116097	PATEL UCHIT SANJAYBHAI	7.57
4	90120116037	PATEL RIPAL VISHNUBHAI	7.5
5	90120116035	PATNI DEEPAK MAHENDRAKUMAR	7.47
6	100123116003	THAKKAR HALEY KRISHNAKANT	7.43
7	90120116021	SHETHWALA PARTH DEEPAKKUMAR	7.33
8	90120116055	PATEL KRUPA ARVINDBHAI	7.23
9	100123116001	WANKHEDE SHRIKANT DAMODAR	7.23

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B.E. Semester – 6 (IT)

Sr. No.	ENROLLMENT NO	NAME	SPI
1	80120116082	THAKUR PRITI	8.8
2	80120116010	CHAUHAN SUHANI	8.6
3	80120116024	KANSARA PARTH	8.4
4	80120116058	PATEL RADHIKA	8.2
5	80120116037	MOTWANI ANIL	8
6	80120116061	PATHAN NAZNEEN	7.9
7	80120116073	SHAH NAITIK	7.8
8	80120116038	MUNSHI NAVED	7.8
9	80120116039	NINANI MADHURI	7.8

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B.E. Semester – 7 (IT)

Sr. No.	ENROLLMENT NO	NAME	SPI
1	80120116082	THAKUR PRITI BHAVESHBHAI	9.23
2	80120116024	KANSARA PARTH MAHENDRABHAI	8.7
3	80120116038	MUNSHI NAVED MUSTAQAHMED	8.47
4	80120116039	NINANI MADHURI JAYPAL	8.33
5	80120116058	PATEL RADHIKA BHAVINBHAI	8.2
6	80120116061	PATHAN NAZNEEN AYUBKHAN	8.17
7	90123116004	GAJJAR KRUTI HEMANTBHAI	8.17
8	80120116037	MOTWANI ANIL HARISH	8.13

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B.E. Semester – 8 (IT)

Sr. No.	ENROLLMENT NO	NAME	SPI
1	07IT048	CHOKSHI SAUMIL JAYESHBHAI	83
2	07IT049	DOSHI CHINTAN SUHASKUMAR	81
3	07IT044	SHUKLA KARTIK DHANANJAY	81
4	07IT025	PATEL KRUPA HEMANTBHAI	79
5	07IT017	PANCHAL HARDIK KISHORKUMAR	75

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Mechenical Engineering

B.E. Semester – 1 (ME)

SR. NO	Enrollment No.	Name	SPI
1	110120119010	PATEL ANKITKUMAR V	8.83
2	110120119011	DIXIT YASHRAJ PA	8.53
3	110120119041	JAIN JWALIN SANJAY	8.47
4	110120119047	SAGALA JAY R	8.47
5	110120119020	PATEL ANKITKUMAR M	8.43
6	110120119012	GANDHI DARSHAN M	8.3
7	110120119017	VYAS NISHANT NEELAM	7.8
8	110120119091	RONAK PANCHAL	7.67
9	110120119016	GALGALE SWAPNIL V	7.67
10	110120119043	SHAH KENIL RAJESH	7.6
11	110120119046	JOSHI GAURAV D	7.6

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B.E. Semester –2 (ME)

Rank	ENROLLMENT NO.	NAME OF STUDENT	SPI
1	100120119098	MUDALIYAR VIGNESH VAITHILINGAM	8.23
2	100120119015	PANDYA JAY UMAKANT	8.13
3	100120119020	PATEL YASH VINAYBHAI	8.03
4	100120119019	PANDEY SANJEEVKUMAR N	7.97
5	100120119004	PRAJAPATI PARTH DINESHBHAI	7.63
6	100120119060	PANCHAL RAKSHIT JAYENDRAKUMAR	7.6
7	100120119016	NAIR SOORAJ RASHTRADASAN	7.57
8	100120119076	PATHAN RAHILKHAN MHD FARUK	7.57
9	100120119030	AMIN KAUSHAL GIRISHKUMAR	7.57
10	100120119033	CHAUHAN MAYURSINH MADANSINH	7.57

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B.E. Semester – 3 (ME)

SR. NO	Name	Enrollment No.	SPI
1	100120119019	PANDEY SANJEEVKUMAR N	8.53
2	100120119002	TRIVEDI JVALANT RAJESHBHAI	8.19
3	100120119015	PANDYA JAY UMAKANT	8.03
4	100120119004	PRAJAPATI PARTH DINESHBHAI	8
5	100120119005	DHANANI RAHUL ARVINDBHAI	7.94
6	100120119012	BHIRUD MEHUL KISHORBHAI	7.84
7	100120119024	PATEL HARSH RAJENDRAKUMAR	7.81
8	100120119098	MUDALIYAR VIGNESH V	7.53
9	100120119060	PANCHAL RAKSHIT J	7.5
10	100120119030	AMIN KAUSHAL GIRISHKUMAR	7.44

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B.E. Semester – 4 (ME)

1	090120119005	BHARDWAJ RAVINDRA GIRIRAJ	8.68
2	090120119028	THAKKAR MOHITKUMAR P	8.25
3	090120119049	DAVDA CHIRAG BHARATBHAI	8.13
4	090120119006	SONI VIMALKUMAR RAMESHBHAI	8.11
5	090120119046	PANDYA AKASH RAJENDRAKUMAR	7.86
6	090120119035	KANADA HRUSHIKESH JIGNESHBHAI	7.46
7	090120119029	PATEL PARTHIK MADHUBHAI	7.39
8	090120119013	GHADIYA BRIJESH PRAFULLBHAI	7.18
9	090120119016	SHAH ABHILASH KALPESHKUMAR	7.18
10	090120119010	PATEL HITESH VISHNUBHAI	7.07

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B.E. Semester – 5 (ME)

SR. NO	Name	Enrollment No.	SPI
1	090120119005	BHARDWAJ RAVINDRA GIRIRAJ	8.56
2	090120119033	THAKKER HINAL BHARATKUMAR	8.22
3	090120119021	GHOSH MILAN KANAIYALAL	8.19
4	090120119006	SONI VIMALKUMAR RAMESHBHAI	8.09
5	090120119046	PANDYA AKASH RAJENDRAKUMAR	8
6	090120119049	DAVDA CHIRAG BHARATBHAI	8
7	090120119028	THAKKAR MOHITKUMAR P	7.62
8	090120119013	GHADIYA BRIJESH PRAFULLBHAI	7.56
9	090120119029	PATEL PARTHIK MADHUBHAI	7.47

10	090120119007	KAKADIYA DEVANGKUMAR G	7.44

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B.E. Semester – 6 (ME)

1	080120119053	SONAGRA PRAFUL	7.72
2	080120119034	PATEL RAJNISHKUMAR	7.45
3	080120119025	PADHIYA DHARMENDRA	7.1
4	080120119004	BHANDARI NIKUL	7.03
5	080120119045	SAVANI HARDIK	7
6	080120119029	PATEL MIT	7

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B.E. Semester – 7 (ME)

SR. NO	Enrollment No.	Name	SPI
1	080120119053	SONAGARA PRAFUL J.	9
2	080120119051	SACHIDANAND SINGH	8.87
3	080120119045	SAVANI HARDIK B.	8.67
4	080120119039	POTTI SURAJ S.	8.53
5	080120119029	PATEL MIT K.	8.5
6	080120119054	SONI AKSHAY K.	8.5

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B.E. Semester – 8 (ME)

1	07ME022	MUDALIAR TAMILARASAN P	76.35
2	07ME055	PATEL DHAVALKUMAR PRAVINBHAI	75.29
3	07ME061	PRAJAPATI KEYOOR ISHWARLAL	74.94
4	07ME002	ANAND DIVAKARAN	73.18
5	07ME041	PATEL SATISHKUMAR GOVINDBHAI	72.82

Top ^

M.B.A.

MBA semester -2

Rank	En. No.	Name of students	SPI
1	117150592003	CHAUDHARY KAVITA KARANSINGH	8.29
1	117150592008	PATEL PRIYANKKUMAR SURESHBHAI	8.29
1	117150592009	RATHOD LAXMAN JODHASINGH	8.29
2	117150592004	BADIANI KHUSHBOO BHASKARBHAI	7.86
3	117150592010	PADIA AVI YOGESHKUMAR	7.43
4	117150592022	PATEL JINALBAHEN ASHOKKUMAR	7.29

Top ^

MBA semester –3

Rank	En. No.	Name of Students	SPI
1	107150592022	MARWAH PRITI JITENDRA	8.00
2	107150592023	SINDHI MAHESHKUMAR RADHESHYAMBHAI	7.71
3	107150592011	NAIR GAYATRI VINAYKUMAR	7.57
4	107150592015	KURIL NILAM BALGOVIND	7.43
5	107150592052	PRAJAPATI RAJESHKUMAR MULAJIBHAI	7.29

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MBA semester –4

Rank	En. No.	Name of students	SPI
1	107150592001	TAILOR SHAIFALI JOSEPHBHAI	8.48
2	107150592027	PATEL VAIBHAV SHAILESHBHAI	8.41
3	107150592006	MODI AKANKSHA AMITKUMAR	8.33
4	107150592002	JAIN PRASHANT SHANTILAL	8.26
4	107150592022	MARWAH PRITI JITENDRA	8.26

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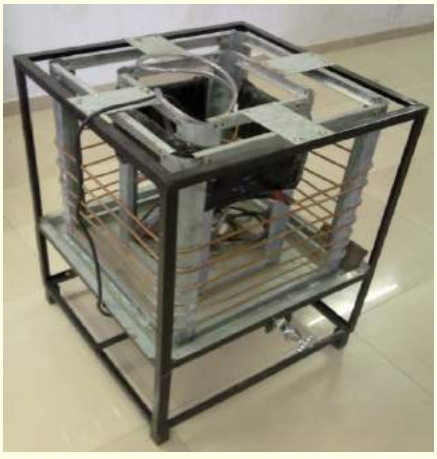
PROUD OF GIT

Domestic Refrigerator cum Water Heater
By Mr. Dhruv Patel and Dr Nilesh M Bhatt

Domestic refrigerator is an application, where lots of efforts have been made to reduce power consumption of compressor, to reduce heat loss from the refrigerator by applying better insulation and for effective utilization of cooling effect by different evaporator designs. The innovation deals with the utilization of heat rejected by the condenser by way of generating lukewarm water. View Full Report >>

Domestic Refrigerator cum Water Heater
By Mr. Dhruv Patel and Dr Nilesh M Bhatt



Won 1st Prize in Model Presentation competition at Pandit Deendayal Petroleum University, Gandhinagar during celebration of National Science Day on 28th February, 2012. View Full Report>>

GIT Student awarded Gold Medal at 1st convocation of GTU

Manan Rajen Chokshi, a student of MBA department of Gandhinagar Institute of Technology awarded

Gold Medal at the maiden convocation of Gujarat Technological University on 19th January 2012. He secured highest CPI amongst the students of Information System. Trustees, Director and faculty members congratulated Mr. Manan and said that he has set an example for his juniors. GIT wishes all the best to Manan for his future endeavor.

GU Student awarded Gold Medal at last convocation of GU

PILLAI DHANYA RAMCHANDRAN, a student of Computer Engineering Department of Gandhinagar Institute of Technology awarded Gold Medal(80.62%) with at the convocation of Gujarat University. Trustees, Director and faculty members congratulated Miss Dhanya and said that she has set an example for his juniors. GIT wishes all the best to Dhanya for his future endeavor.

STUDENTS ACHIVEMENTS

Computer Engineering / Information Technology

Sr.No.	Enrollment No.	Name	Activity	College Name	Rank
1	080120116076	Shinod B.M	Crime Time	Vishwakarma Govt.Engg. College	First
2	080120116038	Naved Munshi	Crime Time	Vishwakarma Govt.Engg. College	First
3	080120107068	Paresh Patel	Tellurica	Nirma Institute Of Technology	First
4	080120107067	Pankit Patel	Tellurica	Nirma Institute Of Technology	First
5	080120107095	Nisarg Shah	Step UP(Solo Dance)	Vishwakarma Govt.Engg. College	Second
6	080120107060	Hiren Patel	NFS(xogo cyber)	Sabar Institute Of Management	First
7	080120107067	Pankit Patel	NFS(xogo cyber)	Sabar Institute Of Management	Second

Electronics and Communication Engineering

Sr. No.	Roll No.	Enroll. No.	Name of the Student	Name of the Event	Rank	Name of the College	Duration
1	08EC053	80120111048	Shah Chitrang D.	Aqua Robotics	-----	L.D.C.E., Ahmedabad	24/02/2010 to 25/02/2010
				Dakar Rally			
				Gladiatoria			
				Robo War		Vgec, Chandkheda	-----
				Robotics		Nirma University, Ahmedabad	11/09/2009 to 12/09/2009
				Dexter's Arena		Svit, Vasad	17/02/2010 to 18/02/2010
2	08EC057	80120111057	Tripathi Smit	Dexter's Arena	-----	Svit, Vasad	17/02/2010 to 18/02/2010

Mechenical Engineering

SR NO.	Enrolment No.	NAME OF STUDENT	TITLE OF SEMINAR	NAME & PLACE OF INSTITUTE	DURATION	RANK

1	080120119036	Patel Sunny K.	Ingenium-2010	Nirma University,Ahmedabad	22/3/10 to 23/3/10	First
			ingenium-2009	Nirma University,Ahmedabad	13/3/09 to 14/3/09	Second
			Dimension 09	GIT,Moti Bhoyan	April, 2009	First
			Dimension 09	GIT,Moti Bhoyan	April, 2009	Second
			Cultural Society	GIT,Moti Bhoyan	2008-09	Second
2	080120119040	Prajpati Chetan K	Techqnix 2010	L.D. College, Ahmedabad	25/2/10	Runner Up
			Technoasoire'09	Vishwakarma Govt Engg. Chandkheda	16/4/2009 to 17/04/09	First
			Ingenium-2010	Nirma University,Ahmedabad	22/3/10 to 23/3/10	First
			Dimension 09	GIT,Moti Bhoyan	April, 2009	Second
			Dimension 09	GIT,Moti Bhoyan	April, 2009	First
3	080120119054	Soni Akshay	ingenium-2009	Nirma University,Ahmedabad	13/3/09 to 14/3/09	Second
			Ingenium-2010	Nirma University,Ahmedabad	22/3/10 to 23/3/10	First
			Cultural Society	GIT,Moti Bhoyan	2008-09	Second
			Technoasoire'09	Vishwakarma Govt Engg. Chandkheda	16/4/2009 to 17/04/09	First
			Dimension 09	GIT,Moti Bhoyan	April, 2009	Second
			Techqnix 2010	L.D. College, Ahmedabad	25/2/10	Runner Up
4	080120119049	Shah Parth Anilbhai	Techqnix 2010	L.D. College, Ahmedabad	24/2/10 to 25/2/10	Runner Up
			Cultural Society	GIT,Moti Bhoyan	2008-09	Second
			Dimension 09	GIT,Moti Bhoyan	April, 2009	Second
			Certificate of Merit	GIT,Moti Bhoyan	2008-09	Third
			ingenium-2009	Nirma University,Ahmedabad	13/3/09 to 14/3/09	Second
			Ingenium-2010	Nirma University,Ahmedabad	22/3/10 to 23/3/10	First
5	07ME045	Solanki Raghav B.	Certificate-ISTE	SVNIT, Vasad	17/2/10 to 18/2/10	Second
6	08ME206	Patel Krunal B.	Certificate-ISTE	SVNIT, Vasad	17/2/10 to 18/2/10	Second
7	090120119090	Kalp Desai	Certificate of Appreciation	GIT,Moti Bhoyan	2009-2010	Second
8	100120119099	Vishsal Tiwari	Ingenium 2011	Nirma University	28, 29 March, 2011	Second
9	100120119010	Parshwa Patel				
10	100120119076	Rahil Khan Pathan				
11	100120119050	Ketan Shinde				
12	100120119046	Patel Bhavesh P	Star Robotics	Gandhinar Institute of Tech	07,08/04/2011	First
13	100120119098	Mudaliyar Vignesh	Star Robotics	Gandhinar Institute of Tech	07,08/04/2011	First

			NU TECH 2012	Nirma University	16/2/12 to 18/2/12	First
14	100120119016	Nair Sooraj R.	Star Robotics	Gandhinar Institute of Tech	07,08/04/2011	First
15	100120119075	Jain Jigar	NU TECH 2012	Nirma University	16/2/12 to 18/2/12	First
16	100120119099	Vishal Tiwari	NU TECH 2012	Nirma University	16/2/12 to 18/2/12	First
17	100120119099	Vishal Tiwari	Talaash 2012	Silver Oak College of Engg., A'bad	08/2/12 to 09/2/12	Runner Up
18	100120119050	Shinde ketan M.	NU TECH 2012	Nirma University	16/2/12 to 18/2/12	First
19	100120119010	Patel Parshwa M.	NU TECH 2012	Nirma University	16/2/12 to 18/2/12	First
20	100120119060	Rakshit Panchal	NU TECH 2012	Nirma University	16/2/12 to 18/2/12	First
21	100120119059	Chokshi Nishit	NU TECH 2012	Nirma University	16/2/12 to 18/2/12	First
22	100120119076	Pathan Rahilkhan m	NU TECH 2012	Nirma University	16/2/12 to 18/2/12	First

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PLACEMENT REPORT

	GIT Placement List of Students Placed as of 13th March, 2012			
Sr. No	Organisation	Student No of Students	Department	Package
1	Tatvasoft	4	CE/IT	1.80
2	Indusa	3	CE/IT	1.80
3	Vavni	Result Awaited	CE/IT/EC	1.80
4	Argusoft	0	CE/IT/EC	1.80
5	Sarjen systems	3	CE/IT	1.80
6	Meditab	3	CE/IT	1.80
7	CMC	0	CE/IT	2.75
8	Thompson & Reuters	2	CE/IT	2.13
9	Matrix Telecom	1	EC	1.80
10	Syntel	0	CE/IT/EC	2.90
11	Einfochips	Result Awaited	EC	1.20
12	Anchor Panasonic	0	Mech	1.75
13	Boch	0	Mech	3.00
14	United Spirits Ltd	0	Mech	3.50
15	Zeus Learning	0	CE/IT/EC	3.85
16	Elitecore	2	CE/IT	2.4-4.2
17	elantechnologies.	6	CE/IT	1.80
18	L&TIES	2	Mech	3.35
19	HDFC Life	14	MBA	1.80
20	Prudent corporate	1	IT	1.02
21	CompuApps	3	CE	1.20
22	L&T Ltd.	1	Mech	3.00
23	HCL Infosystems	1	MBA	1.80
	TOTAL	46		

	Snapshot of GIT Placement 2010-2011			
Enrol	Enrol Number	Students Names	Offers made	Department
1	80120107110	THAKER ISHITA HEMANTKUMAR	Tatvasoft	CE
2	80120116024	KANSARA PARTH MAHENDRABHAI	Tatvasoft	IT
3	80120107046	MODI CHINTAN SANJAYBHAI	Tatvasoft	CE
4	80120107021	DOSHI VIVEK HEMANG	Tatvasoft	CE
5	80120111025	NAIR DINESH VIJAYKUMAR	Matrix Telecom	EC
6	80120116061	PATHAN NAZNEEN AYUBKHAN	Meditab	IT
7	80120116039	NAINANI MADHURI JAYPAL	Meditab	IT
8	80120107003	BAVISI HIRALKUMARI KIRITKUMAR	Meditab	CE
9	80120107008	CHAUBAY VIKRANT PRABHAKAR	Indusa	CE
10	80120107107	SONI DARSHIL ATULKUMAR	Indusa	CE
11	80120116037	MOTWANI ANIL HARISH	Indusa	IT
12	80120111017	GAUTAM NISHA RAJESH	Thompson & Reuters	EC
13	80120107025	GHODASARA CHETAN JERAMBHAI	Thompson & Reuters	CE
14	80120107047	MODI HEMAL KAUSHIKKUMAR	elantechnologies.	CE

15	80120107079	RACHH PARTH HIMANSHUBHAI	elantechnologies.	CE
16	80120107093	SHAH MISHAL MUKESHBHAI	elantechnologies.	CE
17	80120116073	SHAH NAITIK YOGESHKUMAR	elantechnologies.	IT
18	80120116029	KHILOSIYA PRIYA BHARATKUMAR	elantechnologies.	IT
19	80120116044	PANDYA CHINTAN DEEPAKBHAI	elantechnologies.	IT
20	80120107001	B S PAUL VANNAN K S B SUBRAMANIAN	Sarjen Systems	CE
21	80120107066	PATEL NIYATI RAMESHKUMAR	Sarjen Systems	CE
22	80120107099	SHAH VIKAS DINESHKUMAR	Sarjen Systems	CE
23	80120107028	GUPTA PRACHI RAJNISH	Elitecore Technologies	CE
24	80120107119	VARMA PARTH ANIL	Elitecore Technologies	CE
25	80120119025	PADHIYAR DHARMENDRASINH CHATURBHAI	L&T - IES	Mechanical
26	80120119054	SONI AKSHAY KETANKUMAR	L&T - IES	Mechanical
27	107150592020	Priya Thakkar	HDFC Life	MBA
28	107150592006	Akanksha Modi	HDFC Life	MBA
29	107150592030	Maulik R Pandya	HDFC Life	MBA
30	107150592029	Prabhudayal Maurya	HDFC Life	MBA
31	107150592002	Prashant Jain	HDFC Life	MBA
32	107150592023	Mahesh Sindhi	HDFC Life	MBA
33	107150592001	Shaifali Tailor	HDFC Life	MBA
34	107150592024	Jay Ruparelia	HDFC Life	MBA
35	107150592031	Dharana Chhaya	HDFC Life	MBA
36	107150592014	Dhaval Pandit	HDFC Life	MBA
37	107150592037	Monika Agarwal	HDFC Life	MBA
38	107150592011	Gayatri Nair	HDFC Life	MBA
39	107150592013	Krushna Janjal	HDFC Life	MBA
40	107150592035	Pritam Narnavre	HDFC Life	MBA
41	80120116044	PANDYA CHINTAN DEEPAKBHAI	Prudent corporate	CE
42	80120107109	ASHISHKUMAR SURANI	CompuApps	CE
43	80120107051	PARGHI FALGUNI RAMJIBHAI	CompuApps	CE
44	80120107018	DESAI MITALI SAMIR	CompuApps	CE
45	07ME031	PATEL DHRUVKUMAR MAHESHBHAI	L&T Ltd.	Mechanical
46	09 MBA 045	Jaimin Thakkar	HCL Infosystems	MBA

Placement Organisations visited GIT in Last two Years		
Adani Group	Gujarat Syscom Tech. Pvt. Ltd	Prakshal Technologies
Addon Solutions	IBRIS Consultancy	Prudent CAS Ltd
AIA engineers	ICICI Securities	Reinfold Physical Innovation Labs
Aisomax	India Mart	Scoda tubes PVT Ltd
Anant softtech PVT Ltd	JSK Software	Semitronik Industries PVT Ltd
Angel Broking Ltd.	Kalyani Almstom Power Ltd	Shri Krishna Engineers
ANS Placements	Kloecner Desma Machinery Pvt. Ltd.	Silvertouch Technologies
CADD Centre	Kotak Securities	SQUAD Technologies Pvt. Ltd.
Cadila Pharma Machinaries	L & T Integrated Engineering Services	Surat Super Yarn Park Ltd
Callidus Soft	Mavenvista Technologies	Tatvasoft
Communication Crafts	Neesa Technologies	Vavni Services Pvt. Ltd
CMC Ltd	Nokia Siemens network	Vavni Services Pvt. Ltd
CMC technologies India PVT Ltd	Nsure Information Security	Vmukti Solutions
E Sense Pvt. Ltd	Patel air flow	Visiospect systems PVT Ltd
Elmex Controls PVT Ltd	Palsan Services	Wipro BPO
Essar Group	PCB Planet (India) Ltd	Zeus Learning
Gateway Technologies Pvt. Ltd	Perception system private ltd	

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COLLECTION

Collection	Titles Added during 2011 -2012	Total as on 31st March 2012
Books (Technical)	245	10914
Books (General)	13	967
Books (MBA)	45	2925
CDs/DVDs	205	1529
Journals/Magazines	2(J)+1(M)	38(J)+32 (M)

Total expenditure for the books, journals and Magazines is around 3 lakhs for the year 2011-2012.

SERVICES

Reference, Consultation & Circulation: Reference service helped users to make maximum use of resources and services. It provided necessary assistance to users in locating information or document of their choice. Approximately 150 documents are circulated daily which includes books, Magazines, Journals, CDs and DVDs.

Book Bank: The Book Bank facility helps the socially and economically weaker students. During the year 14 students availed this facility and borrowed approximately 58 books from this collection.

Information Alert Services: Alerts for new arrivals, arrival of requested resources, details of forthcoming national and international events were regularly sent to the staff members of the institute for their reference.

Library Orientation: Users education is an important regular activity of the RC to inform, alert, educate and train users about various resources and services of the RC. An orientation program was organized for newly admitted students for the 2011-2015 batch.

Inter Library Loan: Inter Library Loan facility plays very important role in research as well as paper presentation for the students and staff. Under this service the document which is not available in RC is made available for the consultation by borrowing the same from other organization or Institution.

Reprography: Photocopying service is one of important services offered by RC. 50 Ps. per page is charged for photocopying. Photocopying is allowed only for RC material. Students and staff members used this facility for photocopying of previous years' question papers of various subjects and for photocopying of magazine and journal articles.

E-resources: Electronic journals have been subscribed which contains around 5700 bibliographic journals, more than 1500 full text journals and few open source electronic journals. We have subscribed following packages of electronic journals for the current year:

IEEE
Springer
Elsevier
ASTM
EBSCO
J-Gate
Wiley Blackwell

E-books : We have subscribed electronic books from McGraw-Hill Companies which contains more than 200 electronic reference books of various subjects of engineering and management for the current year.

RC WebOPAC : RC WebOPAC facility is introduced this year. By accessing the following link, any one can get the status of the RC material as well as the account details of the member. This link can be used within the campus.http://10.9.0.1/webopac/

RC Through LAN : RC Through LAN facility is also introduced this year. Following link provides all the information of RC like resources, services, DELNET, e-journals etc.https://sites.google.com/a/git.org.in/resource-centre/ :

Automation: RC is fully automated. Every function of the RC has been operated by the software "SOUL 2.0". The SOUL 2.0 consists of Acquisition, Catalogue, Circulation, OPAC, Serial and Administration modules. Each module has further been divided into sub modules to cater to its functional requirements.

Membership : The institute is respective member of following organizations

DELNET
ISTE
SESI

Donations : During the last academic year, 41 books are donated by Dr N M Bhatt, Director, GIT and 1 book is donated by Mr. H. D. Shukla, Adjunct Prof., Civil Engineering Department and 3 books are gifted by Mr. Nehal Shah, Asst. Prof., MBA of the institute.

Staff Development :

- Mrs. Rupam Sikligar, Librarian

  Conferences/Seminars:

  Attended Seminar on **Networking Libraries in Gujarat for Resource Sharing organized jointly by** Ahmedabad Library Network (ADINET) Information and Library Network Centre (INFLIBNET) & Ahmedabad Management Association (AMA) **on 27th August, 2011 at Ahmedabad Management Association, Ahmedabad**

- Mr. Balvant Tandel, Librarian

  Publications :

  "**Open Access Initiative and Public Domain of Digital Information for Law: An Overview"** in International Conference on access to Legal Information and Research in Digital Age 2012, Organized by National Law University, New Delhi. ISBN: 978-81-923638-3-7, pp 153-157.

  Conferences/Seminars:

  Attended **"International Conference on Access to Legal Information and Research in the Digital Age (ICALIRDA-2012) "**, jointly organized by National Law University, SAARC Law and Mohan Law House from 29 February to 02 March 2012 at the National Law University, Delhi.

  Attended One-Day Workshop on **"DELNET: Resources, Services & Facilities"** in collaboration with the Smt. Hansa Mehta Library, The Maharaja Sayajirao University of Baroda, on September 10, 2011.

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FACULTY ACHIVEMENTS

Sr. No.	Name of Faculty	Department	Details of Achievement	Date of Achievement	Type of Achievement	Awarded By
1	Prof. Nirali Kotak	EC	Best Session paper in International Conference	May-11	ICIT, VVP Engineering College, Rajkot	First Prize
2	Prof. Nimesh Gajjar	ME	Won Gold Medal in M.Tech Thermal Enginnering	19/11/2010	1st Rank in M.Tech Thermal (Mechanical) Engineering, 2008-2010 Batch	Institute of Technology, Nirma University, Ahmedabad
3	Nirav P Patel	ME	Won Gold Medal	9/11/2011	Award for the Best Scholastic Student in M.Tech CAD/CAM, 2009-2011 Batch	Institute of Technology, Nirma University, Ahmedabad
4	Nirav P Patel	ME	Won Gold Medal	9/11/2011	Award for the Best Student in M.Tech CAD/CAM, 2009-2011 Batch	Institute of Technology, Nirma University, Ahmedabad
5	Prof. Hardik Kothadia	ME	National Award in Mechanical Engineering (First Prize)	16/12/2011	ISTE - GNFC National Award for best M.Tech thesis in Mechanical Engineering - 2011	

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BOOKS PUBLISHED BY FACULTY

Sr. No.	Name of the Faculty	Name of the Subject	Title of the Book	ISBN No.	Year of Publication
1.	Dr N M Bhatt	Elements of Mechenical Engineering	Elements of Mechenical Engineering	978-93-80109-13-8	2012 6th Edition
1.	Mr. Nehal Shah	Management Information Systems (MIS)	Management Information System: Important questions data bank	978-93-80866-82-6	2011
1.		Management Information Systems	Management Information System:	978-93-80832-39-5	2012

	Mr. Nehal Shah	(MIS)	(1st Revised Edition) Important questions data bank		

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Details of Paper presented/published

Civil Engineering

Sr. No.	Author(s)	Title of the Paper	Journal/Conference	International /National	Name of Conference / Journal	Organizer (in case of conference) (Name and Place of the institute/organization)	Duration
1	Chaudhari Vasudo, Dilip Kumar and Dr. Pradeepkumar Ramncharla	3D FE modeling of Buried pipeline expose to fault motion with material non-linearity and large deformation	Conference	International	4th International Conference on Stability and Structural Dynamics	Malaviya National Institute of Technology, Jaipur	04-01-2012 to 06-01-2012
2	Dharmendra Patel, Dr.B.J.Shah	Influence of Hanger Positions on the Response of a Steel Arch Bridges	Conference	International	2nd International Conference on Current Trends in Technology NUiCONE-2011 Nirma University	Nirma University, Ahmedabad	08-12-2011 to 10-12-2011
3	Bhatt Vandit Y. and Dave Urmil V.	Flexure Strengthening of Reinforced concrete beams using GFRP wrapping	Conference	International	2nd International Conference on Current Trends in Technology NUiCONE-2011 Nirma University	Nirma University, Ahmedabad	08-12-2011 to 10-12-2011
4	Komal Davra, Mansoor Ahamed and Abhilash	Performance Evaluation of a Biosand filter for household treatment of drinking water	Conference	International	International Conference on Sustainable Water Resources Management and Treatment Technologies : Water 2011	NEERI (National Environmental Engineering Research Institute) , Nagpur, Maharashtra, India	19-01-2011 to 21-01-2011

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Computer Engineering / Information Technology

Sr. No.	Author(s)	Title of the Paper	Journal/ Conference	International/ National	Name of Conference / Journal	Organizer (in case of conference) (Name and Place of the institute/organization)	Duration
1	Mrs Darshana Mistry	Digital Water Marking-Useful technique in digital world	Conference	National	Research and Project Fair (RPF-11)	L.D.Engg. college, Ahmedabad	12th May 2011 to 13th May 2011

2	Mrs Darshana Mistry	Graphics Processing Unit with Graphics API	Journal	National	Journal of Engineering Technology	Gandhinagar Institute Of Technology	May 2011
3	Mr Rahul Vaghela	VPN based on Traditional and MPLS	Journal	National	Journal of Engineering Technology	Gandhinagar Institute Of Technology	May 2011
4	Mrs Darshana Mistry	Working System of Graphics Processing Unit	Conference	National	Knowledge Intelligence and Telematics (KITE-2011)	U.V.Patel Engineering College, Kherva	11th -12th March 2011
5	Mr. Birendrasinh K Zala	Usability Testing: Effective testing method to improve quality of Software Design in Technical Education	Journal	State	Journal of Engineering Technology	Gandhinagar Institute Of Technology	May 2011
6	Mr. Svapnil Vakharia	Introduce a New Phase SDLC	Journal	State	Journal of Engineering Technology	Gandhinagar Institute Of Technology	May 2011
7	Mr. Svapnil Vakharia	Software selection Criteria and Numeric Technique	Journal	State	Journal of Engineering Technology	Gandhinagar Institute Of Technology	May 2011
8	Mr Margil Shah	Performance Comparison of AODV/DSR on Demand routing Protocol for Mobile Ad-hoc network	Journal	State	Journal of Engineering Technology	Gandhinagar Institute Of Technology	May 2011
9	Mrs Archana Singh	Data Centric Routing in Wireless Sensor Networks	Journal	State	Journal of Engineering Technology	Gandhinagar Institute Of Technology	May 2011

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Electronics and Communication Engineering

Sr. No.	Author(s)	Title of the Paper	Journal / Conference	International /National	Name of Conference / Journal	Organizer (in case of conference) (Name and Place of the institute/organization)	Duration
1.	Nirali Kotak	Critical Performance Analysis of modern wireless channels	Conference	International	ICIT	V.V.P. Engg. College, Rajkot	May-2011
2.	Nirali Kotak Dr. Ved Vyas Dwivedi	Simulation & Performance Analysis of DVB-t system using efficient wireless channels	Conference	International	International Conference on Computational Intelligence & Communication Networks CICN-2011	MIR Labs-Gwalior, IEEE EXPLORE	Oct-2011
3.	Ms. Jalpa Patel Mr. Kavindra Jain,	Quality evaluation of FOENICULUM VULGARE(SENNEL) feeds using colorization	Conference	International	International conference on Image Information	IEEE Co-Sponsored, JAYPEE University of Information Technology	3-5 Nov.-2011

	Mr. Chintan Modi,				Processing-2011		
4.	Jatin Chakravarti, Dr. Yogesh Trivedi	Performance Analysis of Alamouti Transmit Diversity with Transmit Antenna Selection for Reduced Feedback Rate	Conference	International	ICDeCom- 11	BIT- Mesra (Ranchi)	Feb-2011

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Mechenical Engineering

Sr. No.	Author(s)	Title of the Paper	Journal/ Conference	International/ National	Name of Conference / Journal	Organizer (in case of conference) (Name and Place of the institute/organization)	Duration
7	Milan J Pandya	Water Purification Techniques-A review(Paper Published)	Conference	National	National Conference on Emerging trends in Engineering & Technology	Sanjivani College of engineering,Maharastra	March-2011
8	Jatin H. Patel	Water Purification Techniques-A review(Paper Published)	Conference	National	National Conference on Emerging trends in Engineering & Technology	Sanjivani College of engineering,Maharastra	March-2011
11	Nirav P Patel	A General Solution for the Stresses around Internally Pressurized Circular hole in Symmetric Laminates	Conference	International	International Conference on "Current Trends in Technology"	Nirma University, Ahmedabad	Dec-2011
12	Chirag R Vyas	Poster presentation onDevelopment of wall clinbing robot	Conference	International	International Conference on "Current Trends in Technology"	Nirma University, Ahmedabad	Dec-2011

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MBA

Sr. No.	Author(s)	Title of the Paper	Journal/ Conference	International /National	Name of Conference / Journal	Organizer (in case of conference) (Name and Place of the institute/organization)	Duration
1.	Milan S. Shah	Adoption of Technology for Accounting: A Study of its usage by selected SMEs in Gujarat	Conference	International	All India Accounting Conference & **International Seminar** On Accounting Education & Research	PG School of Commerce, Rajasthan University and Indian Accounting Association, Jaipur Chapter	2 days

DETAILS OF SEMINAR/WORKSHOP/STTP/SYMPOSIUM ATTENDED

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Civil Engineering

Sr. No.	Name of Faculty member	Type of Activity	Title of Seminar/Workshop /STTP/Symposium	International / National	Organizer (in case of conference) (Name and Place of the institute/organization)	Duration	
						From	To
21	Mr. Kuldip Dodiya	STTP	Designing good Question paper for Mech.Engg. & Allied discipline	National	GTU, Ahmedabad	17/01/2011	21/1/2011
22	Mr.Jatin Patel	STTP	Designing good Question paper for Mech.Engg. & Allied discipline	National	GTU, Ahmedabad	17/01/2011 t21/1/2011	17/01/2011
23	Mr. Ruchir Parikh	STTP	Designing good Question paper for Mech.Engg. & Allied discipline	National	GTU, Ahmedabad	17/01/2011	21/1/2011
24	Mr. Mrugesh Khatri	STTP	Pump & valve selection for optimum system Performance	National	SVNIT, Surat	25/04/2011	29/04/2011
25	Mr. Krunal Patel	STTP	Global Worming Mitigation Through Renewable Energy and Energy Conservation.	National	GIT,Moti-Bhoyan	23/05/2011	27/05/2011
26	Mr. Nimesh Gajjar	STTP	Global Worming Mitigation Through Renewable Energy and Energy Conservation.	National	GIT,Moti-Bhoyan	23/05/2011	27/05/2011
27	Mr. Nireav Joshi	STTP	Global Worming Mitigation Through Renewable Energy and Energy Conservation.	National	GIT,Moti-Bhoyan	23/05/2011	27/05/2011
28	Mr. Saival Parikh	STTP	Global Worming Mitigation Through Renewable Energy and Energy Conservation.	National	GIT,Moti-Bhoyan	23/05/2011	27/05/2011
29	Mr. Milan Pandya	STTP	Global Worming Mitigation Through Renewable Energy and Energy Conservation.	National	GIT,Moti-Bhoyan	23/05/2011	27/05/2011
30	Mr. Krunal Patel	Workshop	Thermodynamics in Mechanical Engineering. (IIT-Mumbai)	National	Nirma University, Ahmedabad	14/06/2011	24/06/2011
31	Mr. Nimesh Gajjar	Workshop	Thermodynamics in Mechanical Engineering. (IIT-Mumbai)	National	Nirma University, Ahmedabad	14/06/2011	24/06/2011
32	Mr. Milan Pandya	Workshop	Thermodynamics in Mechanical Engineering. (IIT-Mumbai)	National	Nirma University, Ahmedabad	14/06/2011	24/06/2011
33	Dr. N M Bhatt	Workshop	Research Methodology	National	Gujarat Technological University, Ahmedabad	9/6/2011	10/6/2011
39	Prof M J Mungla	Seminar	Leadership Excellence Meet		Gujarat Technological University	1/10/2011	1/10/2011
40	Prof. Chintan Barelwala	STTP	"Welding & Brazing Qualification - ASME BPVC Section IX"	National	SVNIT,SURAT	5/11/2011	9/11/2011
41	Dr. N M Bhatt	Seminar	Renewable Energy – Present Scenario and Future Focus	National	Govt. of Gujarat and CII	3/10/2011	3/10/2011
42	Dr N M Bhatt	seminar	Leadership Excellence Meet	National	GTU	1/10/2011	1/10/2011

43	Dr N M Bhatt	Seminar	Synergy with Energy	National	Saket Project, AMA Ahmedabad	18/11/2011	19/11/2011
44	Prof. Nimesh Gajjar	Seminar	Synergy with Energy	National	Saket Project, AMA Ahmedabad	18/11/2011	19/11/2011
45	Prof. Krunal Patel	Seminar	Synergy with Energy	National	Saket Project, AMA Ahmedabad	18/11/2011	19/11/2011
46	Prof. Nimesh Gajjar	Workshop	Heat Transfer in Mechanical Engineering conducted by IIT Bombay	National	Institute of Technology, Nirma University, Ahmedabad	29/11/10	10/12/2011
47	Prof Krunal Patel	Workshop	Heat Transfer in Mechanical Engineering conducted by IIT Bombay	National	Institute of Technology, Nirma University, Ahmedabad	29/11/10	10/12/2011

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Computer Engineering/ Information Technology

Name of Faculty member	Title of Seminar/Workshop /STTP/Symposium	International/National	Organizer (in case of conference) (Name and Place of the institute/organization)	Duration
Divya sharma Sonal vaghela Margil p. Shah Kalpana mudaliar Leena patel Brinda parekh Hitesh patel Amar Shah Kirti Patel	Spoken Tutorial Workshop on SCILAB in collaboration with IIT-Bombay	Subject Expert's recorded videos of IIT-Bombay	GIT-Campus	30/12/2011
Ramesh prajapati Dushyant rathod Divya sharma Svapnil vakharia Sonal vaghela Margil p. Shah Kalpana mudaliar Sweta garasia Leena patel Nisha patel Brinda parekh Happy patel Hitesh patel Dinesh gohil Nirali kotak Priyanka dalal Janak patel Shital surti Sejal colarwala Mansi mehta Mitesh j mungla Hiren trivedi Mukesh parmar Nidhi shah	Spoken Tutorial Workshop on LATEX in collaboration with IIT-Bombay	Subject Expert's recorded videos of IIT-Bombay	GIT-Campus	23/12/2011
Ramesh Prajapati Dushyant Rathore Divya Sharma Svapnil Vakharia Sonal Vaghela Margil Shah Kalpana Mudaliar Sweta Garasia Leena Patel Nisha Patel Brinda Parekh	Spoken Tutorial Workshop on LINUX in collaboration with IIT-Bombay	Subject Expert's recorded videos of IIT-Bombay	GIT-Campus	16/12/2011

Happy Patel Kalpesh Prajapati Amar Shah Kirti Patel Hardik Bhatt Shweta Shah Hitesh Patel				
Mrs Darshana Mistry Mr Rahul Vaghela	ISTE workshop on Software development techniques for Teachers and Scientist, organized by IIT-Bombay,	National	Remote center-Institute of Technology-NIRMA University	5-6, 12-13, 19-20, 26-27, NOV-2011, 3-4, DEC-2011(Spread over five weekends.
Mrs Darshana Mistry	Two days workshop on "Patenting in Engineering"	National	Science City, Ahmedabad	24th Sept. 2011 25th Sept. 2011
Ms Parin Patel Ms Leena Patel Mr Sandeep Suthar Mrs Archana Singh Mr Dushyant Rathod Ms Darshana Navadiya Ms Sonal Vaghela Ms Janki Naik Ms Shweta Shah Mr Ramesh Prajapati Ms Happy Patel Ms Divya Sharma Ms. Brinda Parekh Mr. Harshal Patel	ISTE approved S.T.T.P. on Emerging Trends in Software Engineering	National	GIT-Campus	23rd May to 27th May 2011
Mrs.darshana mistry Mr.rahul vaghela Mr hardik bhatt Mr.svapnil vakharia Mr.mukesh parmar Ms.abhilasha srivastav Ms. Shweta shah Mrs.nisha patel Ms.krupali patel Ms.nidhi shah Mr.dushyant rathod Mr. Sandip patel Mr. Nirav mehta Mrs.divya sharma Mr. Ramesh prajapati Ms nidhi rajyaguru Ms.janki naik Ms happy patel Ms.darshna navadiya Ms.sonal vaghela Mr. Harshal patel Ms. Leena patel Mr. Ankit barot	Workshop on Personality Development and Effective Communication by Ms Dipa Shah, Metrobit Networks Pvt Ltd	National	GIT-Campus	07/03/2011, One Day
Mrs Darshana Mistry, Mr Rahul Vaghela	Mobile computing Seminar By Dr Haresh Bhatt, Mr Akshaya Pandey, Mr Ritesh Ambastha	National	Indus Institute of Technology-shilaj	One day-24th February-2011

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Electronics and Communication Engineering

Sr. No.	Name of Faculty member	Title of Seminar/Workshop/ STTP/Symposium	International/National	Organizer (in case of conference) (Name and Place of the institute/organization)	Duration
1	Jalpa Patel	STTP on "Advance, signal and image processing".	National level	Organized by Nirma University	27, December 2010-1 January 2011

2.	Mayank Kapadiya	ISTE approved STTP on Embedded System Design	National level	Instrumentation & Control Engg. Department, Institute of Technology, Nirma University of Science & Technology	December 26 - 30, 2011
3	Hardik Patel	ISTE APPROVED STTP On Simulation of Wired and Wireless Networks	National level	Institute of Technology, Nirma University, Ahmedabad.	December 26 to 30, 2011
4	Jatin Chakravarti	ISTE approved STTP On MIMO Wireless Communication Systems	National level	Electronics & Communication Engineering Branch, Department of Electrical Engineering, Institute of Technology, Nirma University	December 26 to 31, 2011
5	Ila Vaghela	Mobile computing	National level	Indus college of engineering	24th Feb 2011
		Mixed signal VLSI Design	National workshop	LCIT, Bhandu	28-29 January,2011

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Mechenical Engineering

Sr. No.	Name of Faculty member	Type of Activity	Title of Seminar/Workshop / STTP/Symposium	International /National	Organizer (in case of conference) (Name and Place of the institute/organization)	Duration	
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22	Mr.Jatin Patel	STTP	Designing good Question paper for Mech.Engg. & Allied discipline	National	GTU, Ahmedabad	17/01/2011 t21/1/2011	17/01/2011
23	Mr. Ruchir Parikh	STTP	Designing good Question paper for Mech.Engg. & Allied discipline	National	GTU, Ahmedabad	17/01/2011	21/1/2011
24	Mr. Mrugesh Khatri	STTP	Pump & valve selection for optimum system Performance	National	SVNIT, Surat	25/04/2011	29/04/2011
25	Mr. Krunal Patel	STTP	Global Worming Mitigation Through Renewable Energy and Energy Conservation.	National	GIT,Moti-Bhoyan	23/05/2011	27/05/2011
26	Mr. Nimesh Gajjar	STTP	Global Worming Mitigation Through Renewable Energy and Energy Conservation.	National	GIT,Moti-Bhoyan	23/05/2011	27/05/2011
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31	Mr. Nimesh Gajjar	Workshop	Thermodynamics in Mechanical Engineering. (IIT-Mumbai)	National	Nirma University, Ahmedabad	14/06/2011	24/06/2011
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40	Prof. Chintan Barelwala	STTP	"Welding & Brazing Qualification - ASME BPVC Section IX"	National	SVNIT,SURAT	5/11/2011	9/11/2011
41	Dr. N M Bhatt	Seminar	Renewable Energy – Present Scenario and Future Focus	National	Govt. of Gujarat and CII	3/10/2011	3/10/2011
42	Dr N M Bhatt	seminar	Leadership Excellence Meet	National	GTU	1/10/2011	1/10/2011
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44	Prof. Nimesh Gajjar	Seminar	Synergy with Energy	National	Saket Project, AMA Ahmedabad	18/11/2011	19/11/2011
45	Prof. Krunal Patel	Seminar	Synergy with Energy	National	Saket Project, AMA Ahmedabad	18/11/2011	19/11/2011
46	Prof. Nimesh Gajjar	Workshop	Heat Transfer in Mechanical Engineering conducted by IIT Bombay	National	Institute of Technology, Nirma University, Ahmedabad	29/11/10	10/12/2011
47	Prof Krunal Patel	Workshop	Heat Transfer in Mechanical Engineering conducted by IIT Bombay	National	Institute of Technology, Nirma University, Ahmedabad	29/11/10	10/12/2011

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DETAILS OF EXPERT LECTURES CONDUCTED BY FACULTY

Sr. No.	Name of Faculty member	Topic of Lecture	Title of STTP	International/National	Organizer	Date
1	Dr N M Bhatt	Recent developments in Solar Thermal Systems Solar Energy market in India	Global Warming Mitigation through Renewable Energy and Energy Conservation	National	Gandhinagar Institute of Technology, Moti Bhoyan	24/05/2011

2	Dr N M Bhatt	Solar Thermal Market in India	Trends in Renewable Energy Technology	National	AMA, by Gujarat Technological University	30/04/2011
3	Dr N M Bhatt	Recent Developments in Solar Thermal Systems	Expert Lecture for M Tech students	National	Institute of Technology, Nirma University, Ahmedabad	04/04/2011
4	Dr N M Bhatt	Recent Developments in Solar Thermal Systems	Expert Lecture for M Tech students	National	LCIT, Bhandu	08/04/2011
5	Dr N M Bhatt	Entropy and Exergy	Expert Lecture for BE students	National	ITNU	22/02/2012
6	Dr N M Bhatt	Significance of Thermal Engineering	Expert Lecture for BE Sem 2 and 4 students	National	LCIT, Bhandu	14/02/2012
7	Prof. Nirav Joshi	Feasibility Study of NOx Reduction by Exhaust Gas Recirculation (EGR) in Bio Diesel Fueled C I Engine	Global Warming Mitigation through Renewable Energy and Energy Conservation	National	Gandhinagar Institute of Technology, Moti Bhoyan	27/05/2011
8	Prof. Nimesh Gajjar	Development of Economical Viable Vapour Compression Refrigeration Cycle based Domestic Water Heater	Global Warming Mitigation through Renewable Energy and Energy Conservation	National	Gandhinagar Institute of Technology, Moti Bhoyan	27/05/2011

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Sandesh : 21-March-2012

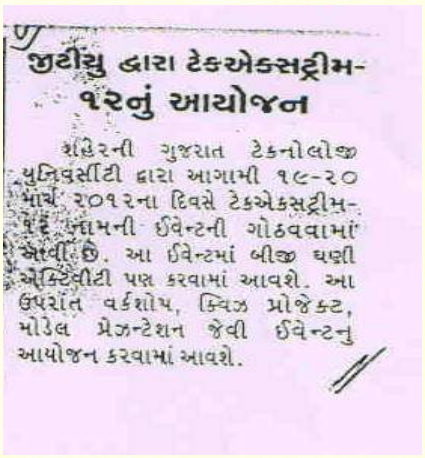
જીઆઈટીમાં યોજાયો TechXtreme-12

College campus

BATTLE GROUND

Gandhinagar Inst. Tech.

Gujarat Samachar : 18-March-2012



જીટીયુ દ્વારા ટેકએક્સટ્રીમ-૧૨નું આયોજન

શહેરની ગુજરાત ટેકનોલોજી યુનિવર્સીટી દ્વારા આગામી ૧૯-૨૦ માર્ચ ૨૦૧૨ના દિવસે ટેકએક્સટ્રીમ-૧૨ નામની ઈવેન્ટની ગોઠવવામાં આવી છે. આ ઈવેન્ટમાં બીજી ઘણી એક્ટિવીટી પણ કરવામાં આવશે. આ ઉપરાંત વર્કશોપ, ક્વિઝ પ્રોજેક્ટ, મોડેલ પ્રેઝન્ટેશન જેવી ઈવેન્ટનું આયોજન કરવામાં આવશે.

Ahmedabad Mirror : 20-March-2012

HIP 'N' HAPPENING

Time for Some Tech Fun

Gandhinagar Institute Of Technology is celebrating its annual fest, TechXtreme 2012. With as many as 40 events related to automobile/web designing workshops, gaming, robotics and photography, students are having a fulfilled time at the college fest.

Sandesh : 21-March-2012

જી આઇ ટીમાં ટેક એક્સ્ટ્રીમ ૨૦૧૨

TechXtreme 2012

ગાંધીનગર ઈન્સ્ટીટ્યુટ ઓફ ટેકનોલોજી દ્વારા વિવિધ વિષયો પર આધારિત ત્રીજુ ટેકનિકલ સીમ્પોઝિયમ 'એક્સ્ટ્રીમ ૨૦૧૨'નું આયોજન કોલેજના સેમિનાર હોલમાં કરવામાં આવ્યું હતું. રાજ્ય અને રાજ્ય બહારના જીઆઈટીના ૧૫૦૦ જેટલા વિદ્યાર્થીઓએ આ બે દિવસીય સેમિનારમાં ભાગ લીધો હતો. જેમાં કુલ ૩૯ જેટલી વિવિધ એકટિવિટીનો સમાવેશ હતો. ટેકનિકલ, રોબો રેસ, રોબો પેન ટિકર, રોબો રોડિઝ, એડ મેકિંગ બિઝનેસ પ્લાન, હેકિંગ એન્ડ કોડિંગ, ગુગલ હન્ટ, એન્ડ્રોબોટસ, સસ્પેન્શન બ્રીજ, રોપ બ્રીજ, સ્પેપ ઈટ, ટેકનિકલ પેપર પ્રેઝન્ટેશન વગેરે જેવી વિવિધ એકટિવિટી સ્ટુડન્ટસ દ્વારા રજુ કરવામાં આવી હતી.

Ahmedabad Mirror : 21-March-2012

HIP 'N' HAPPENING

TechXtreme 2012

Rocking Technology This!

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STUDENT COUNCIL

President: Dr N M Bhatt

General Secretary: Patel Nrupen (080120119031)

Assistant General Secretary: Shah Sapan (090120111041)

Ladies Representative: Jardosh Ira M (100120107036)

Cultural Secretary: Shah Devansh Y (080120116067)

Sports Secretary: Bhatia Amit H (080120111005)

List of Class Representative, Additional Class Representative, Sports Representative and Calt. Rep. for the Academic Year 2011-12

Class		Name
SEM 1 CE-A	Class Representative	Udit Vyas
	Additional Class Representative	Patel Jay
	Sports Representative	Patel Kishan
	Cultural Representative	Rewari Nisha
SEM 1 CE-B	Class Representative	Barot Nirav D
	Additional Class Representative	Patel Dhrumil
	Sports Representative	Savin Sharma
	Cultural Representative	Rohit Ganeriwala
SEM 1 IT-C	Class Representative	Patel Pulkitkumar Shambhubhai
	Additional Class Representative	Patel Keyur R
	Sports Representative	Karan Dave
	Cultural Representative	Shah Himadri
SEM 1 IT-D	Class Representative	Bhavik Choksi
	Additional Class Representative	Dave Disha
	Sports Representative	Singh Rupesh
	Cultural Representative	Panchal Komal
SEM 1 CL-E	Class Representative	Pathak Tirth
	Additional Class Representative	Majmudar Raghav
	Sports Representative	Patel Raj
	Cultural Representative	Patel Nisarg
SEM 1 EC-F	Class Representative	Kapadia Neel
	Additional Class Representative	Jaghad Vivek
	Sports Representative	Raval Naman
	Cultural Representative	Pandit Rachna
SEM 1 ME-G	Class Representative	Modi Jinkal N
	Additional Class Representative	Soni Vatsal Y
	Sports Representative	Patel Nishith A
	Cultural Representative	Gandhi Darshan M
SEM 1 ME-H	Class Representative	MusaniSahil Y
	Additional Class Representative	Solanki Nilesh B
	Sports Representative	Parmar Akshay
	Cultural Representative	Sonal Upadhyay
SEM 1MBA	Class Representative	Parikh Aakash Kiran
	Additional Class Representative	Badiani Khushboo Bhaskarbhai
	Sports Representative	Prajapati Varun Jasvantbhai
	Cult.Rep.	Panchal Ankita Kanubhai
SEM 3 CE-A	Class Representative	Raichandani Jay
	Additional Class Representative	Jardosh Ira M

	Sports Representative	Ankit Kulchandani
	Cultural Representative	Bhumika Rajani
SEM 3 CE-B	Class Representative	Dakwala Jwal Anand
	Additional Class Representative	Bhavishi Pooja
	Sports Representative	Dakwala Anuj H.
	Cultural Representative	Neha Suresh
SEM 3 IT-A	Class Representative	Gupta Jay Subhash
	Additional Class Representative	Patel Zankar Sudhirbhai
	Sports Representative	Devare Sanketkumar Bharatkumar
	Cultural Representative	Shah Mansi Kanaiyalal
SEM 3 IT-B	Class Representative	Joshi Niraj Jogesh
	Additional Class Representative	Pandya Priyankaben Maheshkumar
	Sports Representative	Dudhia Mihir Nikunjkumar
	Cultural Representative	Bhatt Poonam Vijaybhai
SEM 3 Civil	Class Representative	Nagar Poojan
	Additional Class Representative	Devani Chirayu
	Sports Representative	Dave Atri
	Cultural Representative	Tyagi Anshul
SEM 3 EC	Class Representative	Shah Dhrumil
	Additional Class Representative	Shah Milin
	Sports Representative	Kothari Anmol
	Cultural Representative	Parikh Vishal
SEM 3 ME-A	Class Representative	Parekh Winners
	Additional Class Representative	Rojmala Keval
	Sports Representative	Patel Bhavesh
	Cultural Representative	Suthar Vulcan
SEM 3 ME-B	Class Representative	Vandikar Mehul
	Additional Class Representative	Panchal Harshil
	Sports Representative	Shah Swetal
	Cultural Representative	Tiwary Vishal
SEM 3 MBA	Class Representative	Marwah Priti Jitendra
	Additional Class Representative	Modi Akanksha Amitkumar
	Sports Representative	Jain Prashant Shantilal
	Cult.Rep.	Gusani Richi Pradipbhai
SEM 5 CE-A	Class Representative	Maniyar Vidit
	Additional Class Representative	Vyas Deep Y.
	Sports Representative	Shah Henel
	Cultural Representative	Trivedi Devharsh
SEM 5 CE-B	Class Representative	Pathak Yash
	Additional Class Representative	Pratik Shukla
	Sports Representative	Prateek Gupta
	Cultural Representative	Dave Dattu R.
SEM 5 IT-A	Class Representative	Raina Kapil Satish
	Additional Class Representative	Thakker Megha
	Sports Representative	Shah Devansh Y
	Cultural Representative	Khan Saimafatima Abulqais
SEM 5 IT-B	Class Representative	Sabina Kumari
	Additional Class Representative	Thakkar Haley Krishnakant
	Sports Representative	Patel Uchit Sanjaybhai
	Cultural Representative	Mitra Sneha Anil
SEM 5 Civil	Class Representative	Shah Kaushal
	Additional Class Representative	Pandya Milan
	Sports Representative	Prajapati Krunal
	Cultural Representative	Patel Dhumketu
SEM 5 EC	Class Representative	Shah Sapan
	Additional Class Representative	Vania Gaurav
	Sports Representative	Akhani Dhruvik
	Cultural Representative	Kahor Pratap
SEM 5 ME-A	Class Representative	Pandya Akash
	Additional Class Representative	Modi Prinjesh
	Sports Representative	Babariya Chirag
	Cultural Representative	Rinkal Keshwani
SEM 5 ME-B	Class Representative	Barbhaiya Priyal
	Additional Class Representative	Vaidya Kavan
	Sports Representative	Patel Hardik D
	Cultural Representative	Joshi Harshal B
SEM 7 CE-A	Class Representative	Darji Indraneel
	Additional Class Representative	Patetl Pankit N.
	Sports Representative	Lakhiya Jimmy H.
	Cultural Representative	Bhagiya Reema Anil
SEM 7 CE-B	Class Representative	Varma Parth Anil
	Additional Class Representative	Shah Mishal M.

	Sports Representative	Shah Krutarth S.
	Cultural Representative	Purani Aanal Ashish
SEM 7 IT-A	Class Representative	Motwani Anil Harish
	Additional Class Representative	Munshi Naved Mustaqahmed
	Sports Representative	Parmar Kashyap Bhojabhai
	Cultural Representative	Chauhan Suhaniben Maheshbhai
SEM 7 IT-B	Class Representative	Shinod Babu Mathunni
	Additional Class Representative	Thakur Priti Bhaveshbhai
	Sports Representative	Shah Naitik Yogeshkumar
	Cultural Representative	Patel Jinkal Kaushikbhai
SEM 7 EC	Class Representative	Patel Vivek
	Additional Class Representative	Patel Jaimin
	Sports Representative	Bhatia Amit H
	Cultural Representative	Acharya Kruti
SEM 7 ME-A	Class Representative	Patel Nrupen
	Additional Class Representative	Shah Akshay
	Sports Representative	Shah Mit
	Cultural Representative	Kasundra Jayesh

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CIVIL ENGINEERING DEPARTMENT

	Name	Designation	Qualification	Experience
	Prof. Priyanka P. Dalal	Asst. Prof. & HOD	M.E. (Environmental) B.E. (Civil)	3 years of Teaching
	Prof. H. D. Shukla	Asso. Prof.	M.E. (Civil)	45 Years Teaching
	Prof. Janak Patel	Asst. Prof.	M.Tech. (Structural) B.E. (Civil)	2 Years of Teaching
	Prof. Komal Davra	Asst. Prof.	M.Tech. (Environmental) B.E. (Civil)	1.5 Years of Teaching
	Prof. Vasudeo Chaudhari	Asst. Prof.	M.E. B.E. (Civil)	1 Year of Teaching
	Prof. Vandit Bhatt	Asst. Prof.	M.Tech. B.E. (Civil)	1 Year of Teaching
	Prof. Sejal Colarwala	Asst. Prof.	M.Tech. B.E. (Civil)	1 Year of Teaching
	Prof. Mansi Mehta	Asst. Prof.	M.E. (W.R.E.) B.E. (Civil)	3 years of Teaching

				
	Prof. Ritesh Shobhavat	Asst. Prof.	M.Tech. (W.R.E.) B.E. (Civil)	1 years of Teaching
	Mrs. Madhu Trivedi	Lecturer	B.E. (Civil)	1 Year of Teaching
	Mr. Dharmendra Patel	Lecturer	B.E. (Civil)	1 Year of Teaching
	Ms. Alka Shah	Lecturer	B.E. (Civil)	1 Year of Teaching
	Ms. Monika Shah	Lecturer	B.E. (Civil)	1.5 Years of Teaching
	Ms. Shuchi Goyal	Lecturer	B.E. (Civil)	0.5 Year of Teaching

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COMPUTER ENGINEERING

	Name	Designation	Qualification	Experience
	Prof. Darshana A. Mistry	Asst. Prof. & HOD	Ph.D.(Pursuing) M.Tech. (CE) B.E. (CE)	8 Years of Teaching 0.8 Years of Research
	Ms. Archana Singh	Asst. Prof.	M.E. (IP & NN) B.E. (C.E.)	3.5 Years of Teaching
	Prof. Shweta A. Shah	Asst. Prof.	M.S. (CS) B.E. (IT)	2 Years of Teaching
	Prof. Sweta Garasia	Asst. Prof.	M.Tech. (C.S.) B.E. (I.T.)	1 Year of Teaching
	Prof. Vachik Dave	Asst. Prof.	M.Tech.	0.5 Years of Teaching
	Mr. Mukesh Parmar	Lecturer	B.E. (CE)	4 Years of Teaching 2 Years of Industry
	Ms. Parin Patel	Lecturer	B.E. (CE)	2.5 Years of Teaching
	Mr. Margil Shah	Lecturer	M.E. (Pursuing) B.E. (C.E.)	2.5 Years of Teaching

				
	Ms. Janki M. Naik	Lecturer	B.E. (CE)	1.6 Years of Teaching
	Ms. Leena Patel	Lecturer	B.E. (CE)	2 Years of Teaching
	Ms. Kalpana Mudaliar	Lecturer	B.E. (CE)	1.5 Year of Teaching 2 Years of Industry
	Ms. Pinkal Chavda	Lecturer	M.E. (Pursuing) B.E. (CE)	1.6 Years of Teaching 1 Year of Industrial
	Ms. Darshna Navadiya	Lecturer	B.E. (CE)	1.5 Year of Teaching
	Ms. Sonal Vaghela	Lecturer	B.E.(CE)	2 Years of Teaching
	Mr. Amar Shah	Lecturer	B.E. (C.E.)	1 Year of Teaching 4 Years of Industry
	Mr. Kalpesh Prajapati	Lecturer	B.E. (C.E.)	0.5 Years of Teaching 3 Years of Industry
	Mr. Kirti Patel	Lecturer	B.E. (C.E.)	0.5 Years of Teaching

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ELECTRONICS AND COMMUNICATION ENGINEERING

Name	Designation	Qualification	Experience
 Prof. Nirali Kotak	Asst. Prof. & HOD	Ph.D. (Pursuing) M.E.(EC) B.E. (EC)	7 Years of Teaching
 Prof. Hardik Bhatt	Asst. Prof.	M.E. B.E. (EC)	6 Years of Teaching
 Prof. Mayank Kapadiya	Asst. Prof.	M.Tech.(VLSI) B.E. (E.C)	0.5 Year of Teaching
 Prof. Jalpa Patel	Asst. Prof.	M.E. (Comm.) B.E. (IC)	2.5 Years of Teaching
 Prof. Hardik Patel	Asst. Prof.	M.Tech. (Comm. System) B.E. (E.C)	0.5 Year of Teaching
 Prof. Gunjan Jani	Asst. Prof.	M.S. B.E. (E.C)	0.6 Year of Teaching 0.5 Year of Industrial
 Prof. Jatin Chakravarti	Asst. Prof.	M.Tech. B.E. (E.C.)	0.5 Year of Teaching
Mr. Indresh Shah	Sr. Lecturer	B.E. (IC)	25 Years of Teaching

				
	Ms. Shweta Khakhakhar	Lecturer	B.E. (E.C.)	3 Years of Teaching
	Ms. Ila Vaghela	Lecturer	B.E. (EC) PGDBEM	1 Year of Teaching 3 Years of Industrial
	Ms. Khushali Shah	Lecturer	B.E. (EC)	2.5 Years of Teaching

ELECTRICAL DEPARTMENT

Name		Designation	Qualification	Experience
	Mr. Parthiv Shah	Lecturer and Co-ordinator	B.E. (Electrical) MBA (Contd.)	4 Years of Teaching
	Mrs. Tejas Patel	Lecturer	B.E. (Electrical)	5 Years of Teaching
	Mr. Umang R. Patel	Lecturer	Ph.D. (Pursuing) M.Phil (Physics) M.Sc. (Physics)	1 Year of Teaching
	Mr. Sagar Kothari	Lecturer	MBA (Pursuing) B.E. (Electrical)	4 Years of Teaching
	Mr. Nirav Pandya	Lecturer	Ph.D. (Pursuing) M.Sc. (Physics)	3 Years of Teaching

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INFORMATION TECHNOLOGY

Name		Designation	Qualification	Experience
	Prof. Rahul Vaghela	Asst. Prof. & HOD	M.S. (IT) B.E. (IT)	3 Years Teaching 2.10 Years Industrial
	Prof. Svapnil Vakhariya	Asst. Prof.	M.S. (I.T.) B.E. (I.T.)	3 Years of Teaching
	Prof. Birendra Zala	Asst. Prof.	M.Tech (I.T.) B.E. (I.T.)	2.2 Years of Teaching
	Ms. Nisha Patel	Lecturer	B.E. (IT)	2 Years of Teaching 1 Year of industrial
	Ms. Krupali Patel	Lecturer	B.E. (IT)	3 Years of Teaching
	Ms. Nidhi Shah	Lecturer	B.Tech. (IT)	3 Years of Teaching
	Ms. Brinda R. Parekh	Lecturer	B.E. (IT)	1.5 Years of Teaching
	Mr. Dushyant Rathod	Lecturer	M. Tech (Comp. Sc.) (Continue) B.E. (IT)	2.5 Years of Teaching 2 Years of Industrial

				
	Mr. Sarthak Patel	Lecturer	B.E. (I.T.)	0.5 Year of Teaching
	Mr. Akash Mehta	Lecturer	B.E. (IT)	1.5 Years of Teaching
	Ms Madhuri Chopade	Lecturer	B.E. (IT)	3 Years of Teaching
	Ms. Divya Sharma	Lecturer	B.E. (IT)	1.4 Years of Teaching
	Mr. Ramesh Prajapati	Lecturer	B.E. (IT)	3 Years of Teaching 1.8 Years of Industrial

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MECHENICAL ENGINEERING

Name		Designation	Qualification	Experience
	Dr N M Bhatt	Director	PhD (Solar Refrigeration), M Tech (Thermal & Fluid Engg.), BE (Mechanical)	17 Years of Teaching
	Prof. Mitesh J Mungla	Asst. Prof. & HOD	M. E. (CAD/CAM) B.E. (Mech.)	10 Years of Teaching
	Prof. Kuldip Dodiya	Asst. Prof.	M.E. (Cryogenic) B.E (Mech.)	4 Years of Teaching
	Prof. Shilpa C. Gajjar	Asst. Prof.	M.Tech. (CFD) B.E. (M.E.)	4 Years of Teaching
	Prof. Nirav S. Joshi	Asst. Prof.	M.Tech. (Thermal Engg.) B.E. (Mech.)	1 Year of Teaching
	Prof. Nimesh Gajjar	Asst. Prof.	M.Tech. (Thermal.) B.E. (Production)	1 Year of Teaching
	Prof. Krunal Patel	Asst. Prof.	M.E. (Thermal Engg.) B.E. (Mech.)	1.5 Years of Teaching
	Prof. Dhaval Patel	Asst. Prof.	M.E. (CAD/CAM) B.E. (Mech.)	2 Years of Teaching 4.5 Years of Industrial

				
	Prof. Mukesh Khemani	Asst. Prof.	M.Tech. (CAD/CAM) B.E. (M.E.)	1 Year of Teaching
	Prof. Vishal Vyas	Asst. Prof.	M.Tech. (CAD/CAM) B.E. (M.E.)	1 Year of Teaching
	Prof. Hardik Kothadia	Asst. Prof.	M.Tech, B.E. (M.E.)	1 Year of Teaching
	Prof. Parth Panchal	Asst. Prof.	M.Tech. (TE) B.E. (M.E.)	2 Years of Teaching
	Prof. Chintan Barelwala	Asst. Prof.	M.E.(CAD/CAM) B.E. (Mech.)	4 Years of Teaching 0.5 Year of Industrial
	Prof. Chirag Vyas	Asst. Prof.	M.Tech. (CAD/CAM) B.E. (M.E.)	1 Year of Teaching
	Prof. Harshal Oza	Asst. Prof.	M.Tech. (TE) B.E. (M.E.)	1 Year of Teaching
	Prof. Nirav Patel	Asst. Prof.	M.Tech. (CAD/CAM) B.E. (Mech.)	1 Year of Teaching
	Mr. Darshan Shah	Lecturer	B.E. (Mech.)	2 Years of Teaching 1.3 Year of Industrial
	Mr. Ruchir Parikh	Lecturer	B.E. (Mech.)	3 Years of Teaching

				
	Mr. Shaival Parikh	Lecturer	B.E. (Mech.)	2.5 Year of Teaching 0.5 Year of Industrial
	Mr. Tapan Patel	Lecturer	B.E. (Mech.)	3 Years of Teaching 3 Years of Industrial
	Mr. Mrugesh Khatri	Lecturer	B.E. (Mech.)	1.5 Year of Teaching 2 Years of Industrial
	Ms. Manjulata Pal	Lecturer	B.Tech. (M.E.)	1 Year of Teaching

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MATHEMATICS AND HUMANITIES

Name	Designation	Qualification	Experience
 Prof. Chandni Changela	Asst. Prof. & HOD	M.Phil M.Sc. (Mathematics)	3.5 Years of Teaching
 Prof. Prashant Pandya	Asst. Prof.	MBA (Finance) M.Com.	1.5 Years of Teaching 3 Years of Industrial
 Prof. Bhumika Maheshwari	Asst. Prof.	M.Sc. (Mathematics)	1 Year of Teaching
 Prof. Prshant Patel	Asst. Prof.	M.Phil M.Sc. (Mathematics)	3 Years of Teaching
 Prof. Mittal Patel	Asst. Prof.	M.Phil M.Sc. (Mathematics)	
 Prof. Hemangini Jani	Asst. Prof.	M.Phil. (Mathematics) M.Sc. (Mathematics) B.Sc. (Mathematics)	1 Year of Teaching
 Mrs. Nirupama Patel	Lecturer	M.Phil (English) B.Ed. (English) M.A. (English)	2.6 Years of Teaching
Mr. Tejas Bhavsar	Lecturer	M.Sc. (Mathematics) B.Ed.	1.5 Years of Teaching

				
	Ms. Kamini Tripathi	Lecturer	M.Sc. (Mathematics) M.Ed.	2 Years of Teaching

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Mr. Mayur G. Mistry,Jr. Assistant

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Mr. Chintan H. Suthar, Lab Instructor
Mr. Rashmikant S. Patel, Lab Assistant
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Mr. Yogesh B. Patel, Lab Assistant

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TECHNICAL ARTICLES

Research Methods

By : Dr N M BHATT, Director ,GIT

Research is another word for gathering of information. The more information we have the closer we get of making our own decision. Research is the result of advancing knowledge created in the past. There are people from all walks of life that contribute to gathered information. These are ordinary people and extraordinary people. They include teachers, students, scientists, professors, scholars, business owners, librarians, book keepers, writers, politicians and many more unknown out there.

Read More

Web Data Management

By : Prof. Darshana Mistry , HOD, CE Dept. GIT

Web Data Management The growth of the internet has dramatically changed the way in which information is managed and accessed. We are moving from a world in which information management was in the hands of a few devotes to the widespread used information consumption of the World Wide Web (WWW) .

Read More

A primer on MIMO in LTE

By : Prof. Nirali Kotak,HOD, EC Dept. GIT

For better spectrum use, Long Term Evolution (LTE) systems must employ multiple-input, multiple-output radios in special ways

Increasing use of high-bandwidth applications (such as streaming video) drives a continued desire for higher throughput or better coverage from wireless systems. Changing the use of the spectrum available is being pursued through several approaches.

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Mobile WiMAX and Comparison with other Wireless Network Technologies

By : Prof. Vachik Dave, Ass. Professor, CE Dept. GIT

MWiMAX and UMTS/HSDPA(we have to specify) are both system able to provide high data rates to several users. Although the main purpose is the same, there are some differences regarding tec-hnical issues used by each one of the system.

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Software Defined Radio

By : Prof. Nirali Kotak,HOD, EC Dept. GIT

With the exponential growth in the ways and means by which people need to communicate - data communications, voice communications, video communications, broadcast messaging, command and control communications, emergency response communications, etc. – modifying radio devices easily and cost-effectively has become business critical. Software defined radio (SDR) technology brings the flexibility, cost efficiency and power to drive communications forward, with wide-reaching benefits realized by service providers and product developers through to end users.

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GIFT CITY: A SOLITARY GIFT TO GUJARAT

By : PROF. NEHAL SHAH ,*BE (EC), MBA (Marketing),* GIT

It will be built on 500 acres (2.0 km2) of land. Its main purpose is to provide high quality physical infrastructure (electricity, water, gas, district cooling, roads, telecoms and broadband), so that finance and tech firms can relocate their operations there from Mumbai, Bangalore, Gurgaon etc.

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COLLABORATION: A FUTURE WAY OF SUCCESS WITH REFERANCE TO BRTS, AHMEDABAD

By : PROF. NEHAL SHAH ,*BE (EC), MBA (Marketing),* GIT

Ahmedabad, today, is on the threshold of transforming into one of India's leading cities. It is India's seventh largest city and poised to be a financial hub in western India. It has the infrastructure and the ingredients required to realize this dream – uninterrupted power supply, excellent road network, reputed educational institutes and above all, the famous Gujarati entrepreneurial spirit. Read More

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WORLI SEA LINK BRIDGE: A DISTINCTIVE IDENTITY OF MUMBAI

By : PROF. NEHAL SHAH ,*BE (EC), MBA (Marketing),* GIT

The Bandra-Worli Sea Link (BWSL) is a part of the Western Freeway Sea Project, which, in turn, is a part of a larger proposal to upgrade the road transportation network of greater Mumbai. The project was commissioned by the Maharashtra State Road Development Corporation Ltd (MSRDC) and the MaharashtraGovernment and has been built by Hindustan Construction Company (HCC). Read More

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Research Methods

Dr N M Bhatt

Research is another word for gathering of information. The more information we have the closer we get of making our own decision. Research is the result of advancing knowledge created in the past. There are people from all walks of life that contribute to gathered information. These are ordinary people and extraordinary people. They include teachers, students, scientists, professors, scholars, business owners, librarians, book keepers, writers, politicians and many more unknown out there.

Research is designed to solve a particular existing problem so there is a much larger audience eager to support research that is likely to be profitable or solve problems of immediate concern. We also must understand how research impacts our decision making. Most people make decisions without gathered information to back them up. Only few do. Research requires time, effort, and sometimes money to have the evidence you need to make a sound decision that's why many avoid it. The research you do and evidence you gathered will have impact on your future. Be advised, considered the risks or consequences of making an important decision with inadequate evidence.
In conclusion research is very vital to our everyday decision making. It arms you from wrong information and save time and money. It is important to your success as you take on life's challenges and career decisions making. But be careful though, because too much research without action on what you're learning is not good either. The question is how much information is enough? How much information can you afford? Research plus action will most likely guarantee a successful research.

There are five fundamental research methods viz. (1) Experimental methods (2) Correlations (3) Naturalistic observation (4) Survey and (5) Case Study

Experimental Methods: This method is one in which a researcher manipulates a variable (anything that can vary) under highly controlled conditions to see if this produces (causes) any changes in a second variable. The variable, or variables, that the researcher manipulates is called the independent variable while the second variable, the one measured for changes, is called the dependent variable. Independent variables are sometimes referred to as antecedent (preceding) conditions. All scientific disciplines use this method because they are interested in understanding the laws (cause-and-effect relationships) of nature. The power of the experimental method derives from the fact that it allows researchers to detect cause-and-effect relationships.

In order to see cause-and-effect relationships the researcher must be sure that his manipulations (the independent variable) are the only variables having an effect on the dependent variable. He does this by holding all other variables, variables that might also effect the dependent variable, constant (equivalent, the same). Only by this highly controlled procedure can the researcher be sure that the observed changes in the dependent variable were in fact caused by his manipulations.

Experimental studies, therefore, are used when the researcher is interested in determining cause-and-effect relationships. Also, this method can be used when it is appropriate, both practically and ethically, to manipulate the variables.

However, a major limitation is that this method can only be used when it is practical and ethical for the researcher to manipulate the antecedent conditions. A second limitation to this method is that experimental studies are usually done in the highly controlled setting of the laboratory. These conditions are artificial and may not reflect what really happens in the less controlled and infinitely more complex real world.

Correlations: Correlation is classified as a non-experimental, descriptive method. The reason for that is because variables are not directly manipulated as they are in the experimental method. Although correlation is often described as a method of research in its own right, it is really more of a mathematical technique for summarizing data, it is a statistical tool. A co-relational study is one designed to determine the degree and direction of relationship between two or more variables or measures of behavior.

The strength of this method lies in the fact that it can be used to determine if there is a relationship between two variables without having to directly manipulate those variables. In other words, correlation can be used when the experimental method cannot; correlation can be used when it is impractical and/or unethical to manipulate the variables. Correlation also can be used as a basis for prediction.

The greatest limitation of correlation is that it does not tell researchers whether or not the relationship is causal. In other words, correlation does not prove causation. It only shows that two variables are related in a systematic way, but it does not prove nor disprove that the relationship is a cause-and-effect relationship. Only the experimental method can do that.

Naturalistic observation: The naturalistic observation is a type of study classified under the broader category of field studies; non-experimental approaches used in the field or in real-life settings. In the naturalistic observation method the researcher very carefully observes and records some behavior or phenomenon, sometimes over a prolonged period, in its natural setting. The subjects or phenomena are not directly interfered with in any way. In the social sciences this usually involves observing humans or animals as they go about their activities in real life settings. In the natural sciences this may involve observing an animal or groups of animals or some physical phenomena, such as the eruption of a volcano.

The major strength of this method is that it allows researchers to observe behavior in the setting in which it normally occurs rather than the artificial and limited setting of the laboratory. Further uses might include studying nature for its own sake or using nature to validate some laboratory finding or theoretical concept.

One of the limitations is that this is a descriptive method, not an explanatory one. That is, without the controlled conditions of the laboratory, conclusions about cause-and-effect relationships cannot be drawn. Behavior can only be described, not explained. This method can also take a great amount of time. Researchers may have to wait for some time to observe the behavior or phenomenon of interest. Further limitations include the difficulty of observing behavior without disrupting it and the difficulty of coding results in a manner appropriate for statistical analysis.

Survey: The survey, another type of non experimental, descriptive study, does not involve direct observation by a researcher. Rather, inferences about behavior are made from data collected via interviews or questionnaires. Interviews or questionnaires commonly include an assortment of forced-choice questions (e.g. True-False) or open-ended questions (e.g. short answer essay) to which subjects are asked to respond. This sort of data collection is sometimes referred to as a self-report. Surveys are particularly useful when researchers are interested in collecting data on aspects of behavior that are difficult to observe directly and when it is desirable to sample a large number of subjects. Surveys are used extensively in the social and natural sciences to assess attitudes and opinions on a variety of subjects.

The major limitation of the survey method is that it relies on a self-report method of data collection. Intentional deception, poor memory, or misunderstanding of the question can all contribute to inaccuracies in the data. Furthermore, this method is descriptive, not explanatory, and, therefore, cannot offer any insights into cause-and-effect relationships.

Case study: This method is also a non-experimental, descriptive type of study. It involves an in-depth descriptive record, kept by an outside observer, of an individual or group of individuals. This often involves collecting and examining various observations and records of an individual's experiences and/or behaviors. Typical data collected might include biographical data, medical records, family history, observations, interviews, and the results of various psychological tests.

Case studies are particularly useful when researchers want to get a detailed contextual view of an individual's life or of a particular phenomenon. Case studies are also useful when researchers cannot, for practical or ethical reasons, do experimental studies.

This is a descriptive method, not an explanatory one. That is, without the controlled conditions of the laboratory, conclusions about cause-and-effect relationships cannot be drawn. Behavior can only be described, not explained. Case studies also involve only a single individual or just a few and therefore may not be representative of the general group or population. Also, much of the information collected is retrospective data, recollections of past events, and is therefore subject to the problems inherent to memory.

Web Data Management

The growth of the internet has dramatically changed the way in which information is managed and accessed. We are moving from a world in which information management was in the hands of a few devotes to the widespread used information consumption of the World Wide Web (WWW) . WWW contains a large amount of data relevant to essentially all domains of human activity: art, education, travel, science, politics, business, etc. What makes the Web so exiting is its potential to transcend geography to bring information on myriad topics directly to the desktop. Yet without any consistent organization, the web is growing increasing chaotic. The popularity of the Web has made it a prime vehicle for disseminating information. The relevance of database concepts to the problems of managing and querying problems of managing and querying this information has led to a significant body of recent research addressing these problems. There are so many changelings like query processing, query optimization, transaction processing, schema refinement, view materialization in database of Web.

Web Data are classified based on tasks they performed related to information management on the Web: (1) modeling and querying the lab (2) information extraction and integration (3) web site construction and reconstruction.

Web Database Management Research: to improve search and surfing as

- Personalization: Give user preferences(user profile, history, social network etc.), geographical localization(use of user profile, IP, GPS, eg. Google Local)

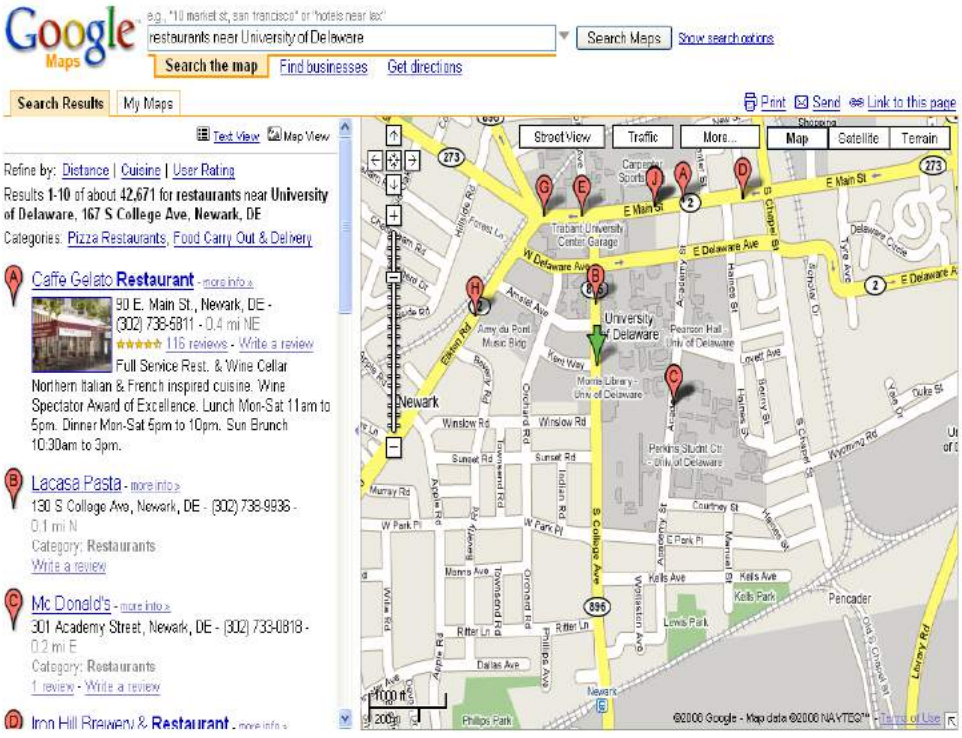


Fig. 1. Google Map

- Social Data: Leverage community interactions to create and refine content. As example facebook, flicker, twitter etc.
- Data Extraction: Identify query answers/relevant information through question answering and entity matching, understand the structure of the data. Use of semantic Web.
- Collaborative Filtering: Through reviews, feedback, tags, votes etc. filter the data.
- Data Quality: Data must be provenance/ lineage, confidence, correlation.
- Large Scale Data Managaement

The WWW contains an enormous collection of documents connected by hyperlinks. Thus in a data warehouse designed for Web information it is imperative to represent and store these relevant hyperlinked document respectively for further querying and manipulation. To manage Web Data, we predicate node and link objects, imposing constrain on hyperlink structure, query mechanism for the web, schemas for warehouse data, web data visualization, detecting and representing relevant Web deltas.

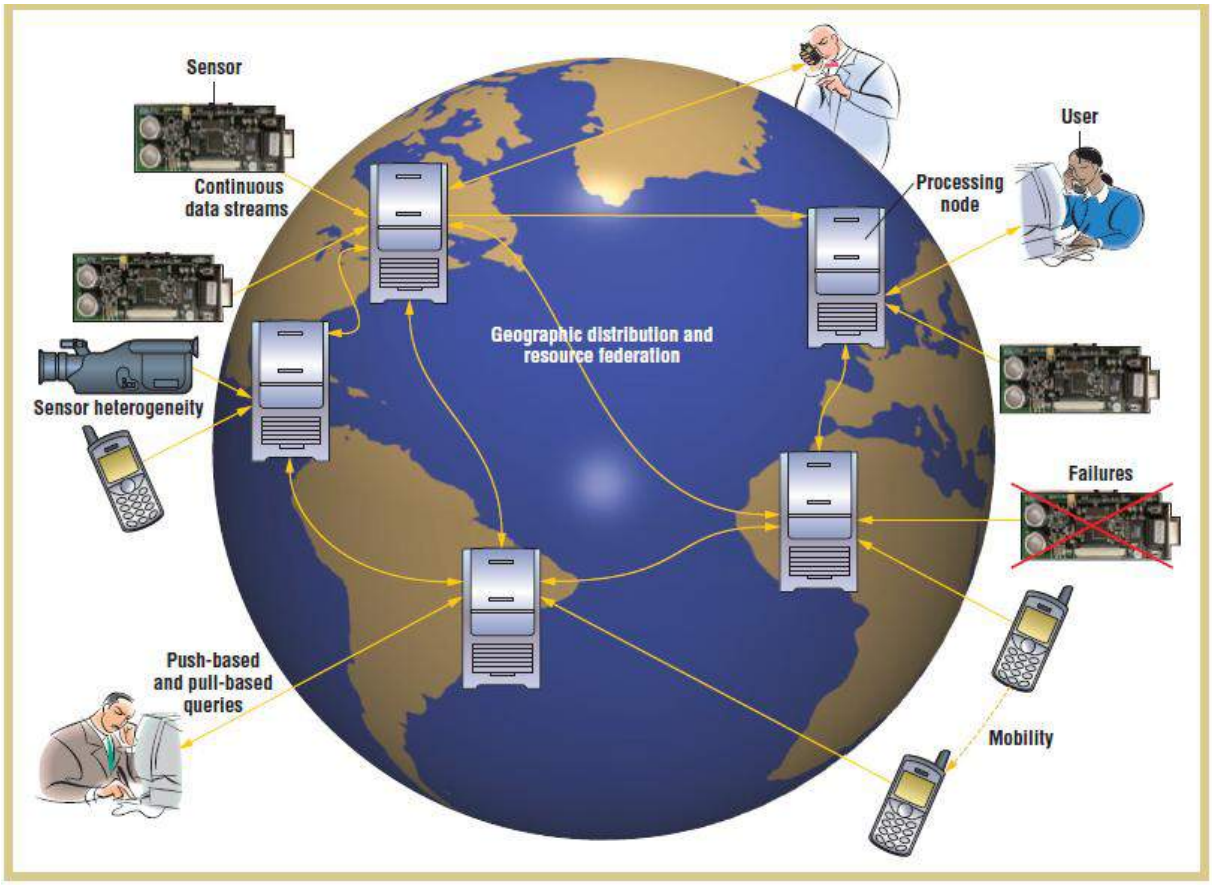


Fig. 2. The world wide sensor web distributed infrastructure

Data management in the world wide sensor(fig. 2) web using

- data ingest,
- managing temporal and spatial data,
- data exploration, analysis and visualization,
- Statistical modeling of sensor data
- Managing data uncertainty
- Data interoperability
- Distributed, large-scale data processing
- Data privacy and security

Thus to handle web data, it is necessary to manage all Web data.

A primer on MIMO in LTE

For better spectrum use, Long Term Evolution (LTE) systems must employ multiple-input, multiple-output radios in special ways

Increasing use of high-bandwidth applications (such as streaming video) drives a continued desire for higher throughput or better coverage from wireless systems. Changing the use of the spectrum available is being pursued through several approaches.

Release 8 of the 3GPP specifications, which specifies the Long Term Evolution (LTE) toward fourth-generation (4G) systems, includes new requirements for operation, where a base station and handset communicate using two or more transmit/receive chains, and takes advantage of the differences in radio transmission paths between them. The goal is to increase both overall capacity of a cell and the data rate that a single user can expect from the system.

Fundamental changes

LTE requires fundamental changes in base station and handset design and test due to the higher data rates, wider allowable signal bandwidths, and increasing integration and miniaturization in the handset. For example, equipment must handle six different channel bandwidths from 1.4 to 20 MHz and both frequency- and time-division-duplex (FDD and TDD) modes.

Also, an LTE handset must support legacy systems right back to basic GSM or cdma2000, depending on the network genealogy, and be able to transfer seamlessly among them. Handset components complying with the multi-gigabit DigRF v4 standard, which removes the potential communication bottleneck between the baseband and RF ICs, require cross-domain (digital-in, analog-out) measurement capability.

LTE testing requires a digital test source, which must emulate both data traffic and the encapsulated protocol stack within the digital interface that controls RF IC functionality. And information transfers between the handset RF and baseband ICs must comply with strict timing constraints.

Added to these general issues are the specific challenges resulting from the need to support multiantenna techniques. Five such techniques have been defined for LTE to improve link performance:

Receive diversity at the mobile device.Transmit diversity using space/frequency block coding (SFBC) at the base station (referred to in LTE specifications as evolved Node B, or eNB).MIMO spatial multiplexing at the eNB, for one or two users.Cyclic Delay Diversity (CDD) at the eNB, used in conjunction with spatial multiplexing.Beam steering (user specific).

The first two techniques are relatively conventional diversity methods. The third and fourth methods make use of space-frequency coding mechanisms to spread data across multiple antennas. Cyclic delay diversity introduces deliberate delays between the antennas to create

artificial multipath. The techniques are applied differently, depending on the type of physical signal or physical channel.

Conventional phased-array beam steering introduces phase and amplitude offsets to the whole of the signal feeding each transmitting antenna, with the intention of focusing the signal power in a particular direction. The same technique of applying phase and amplitude offsets can be used on the receiving antennas to make the receiver more sensitive to signals coming from a particular direction.

Multiple-input, multiple-output (MIMO) radios get more from the RF bandwidth they occupy than their single-channel equivalents by exploiting differences in the paths between the transmitter and the receiver inputs. If a conventional single-channel radio system creates one data "pipe" between the transmitter and the receiver, the object of a MIMO radio system is to create multiple pipes. It does this by creating a mathematical model of the paths from transmitters to receivers, and solving the resulting equations. There have to be as many equations as there are unknowns, and the equations need to be solved in real time, as fast as the channel is changing.

Inputs and outputs

In the specifications, the terms "input" and "output" apply to the medium between the transmitters and receivers, including the RF components of both known as the "channel." Thus a base station with two transmitters provides two inputs to the channel – the "MI" part—and a handset with two receive chains takes two outputs from the channel – the "MO" part. This is true only if the data transmitted and received is independent, and is not just a copy of the same data, as explained below.

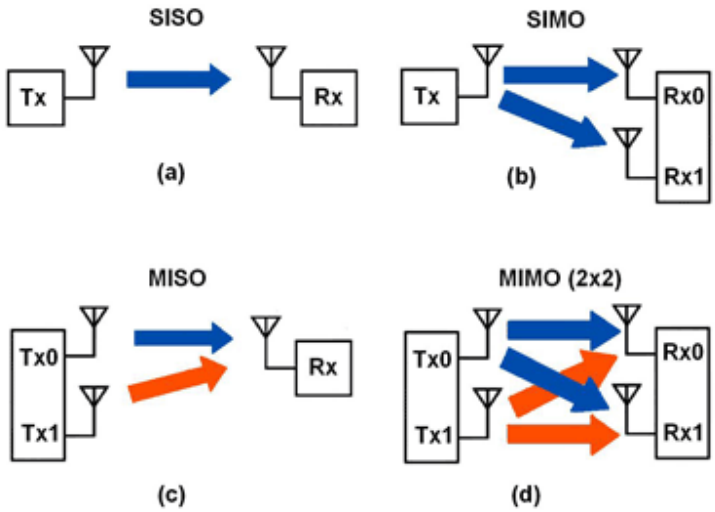


Fig. 1. Four input/output combinations are possible.

Single input, single output (SISO) is the standard transmission mode in most systems (Fig. 1a). The objective of any more-complex system is to increase capacity, or data rate, as measured with respect to SISO.

Single input, multiple output (SIMO, Fg. 1b) is a receive-diversity technique. A single transmitter, and therefore a single data stream, feeds two receiver chains. This aids received-data integrity, a particular plus where signal to noise ratio is poor due to multipath fading. There is no gain in data capacity except any benefit that comes from better error ratio and consequent reduced retransmission.

Similarly, multiple input, single output (MISO, Fig. 1c) is a transmit diversity technique. In LTE, space / frequency block coding is used to improve signal robustness under fading conditions. The transmitters send the same underlying user data, but in different parts of the RF space.

True multiple input, multiple output (MIMO, Fig. 1d), with two transmitters and two receivers with independent data content, is also known as spatial multiplexing. Each receiver sees the output of the channel, which is a combination of the outputs from the transmitters. Using channel estimation techniques, the receivers use matrix mathematics to separate the two data streams and demodulate the data.

In ideal conditions, data capacity would be doubled with MIMO, though there is a premium to be paid in a better signal-to-noise-ratio requirement than for SISO. Practically, the doubling of data capacity is never achieved, but definite increases can be seen.

The MIMO channel

Consider an instant in time at a single frequency and model the channel as a black box with fixed components inside. If we add two completely different signals at the input, they will be mixed together in a defined way, depending on the values of Z1 to Z4 (Fig. 2). If we send a training signal that's unique to each input and measure the outputs we know how they got coupled, and therefore how to uncouple them.

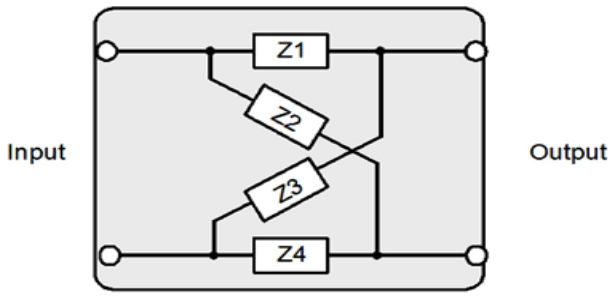


Fig. 2. The values of Z1 through Z4 determine how signals are mixed.

In LTE, reference signals (or pilots) at regular frequency locations in the output of each transmitter provide a way for the receivers to estimate the channel coefficients. Everything, data

and reference signals, will be coupled in the same way, so what we learned from the reference signals can be applied to real data. Noise and interference limit the modulation that can be used, along with the ability to uncouple the outputs.

The worst case would be if Z1 to Z4 are all the same, when both outputs would be the same and MIMO would not work. The best case is if the outputs are equal in magnitude and opposite in phase, when capacity would theoretically double.

The terms “code word,” “layer,” “precoding,” and “beam forming” have been adapted specifically for LTE to refer to signals and their processing (Fig. 3).

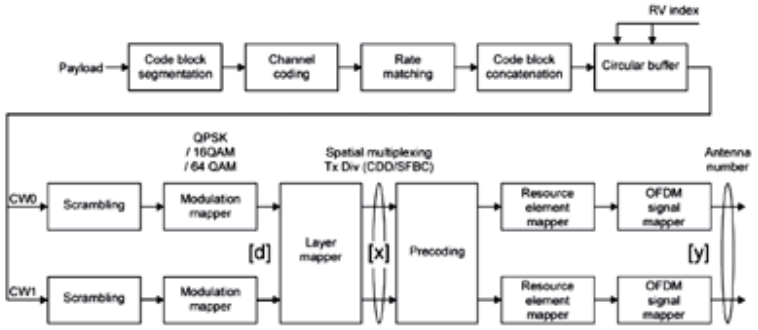


Fig. 3. Signals are processed in multiple stages for LTE.

A code word represents user data before it is formatted for transmission. One or two code words, CW0 and CW1, can be used depending on the prevailing channel conditions and use case. In the most common case of single-user MIMO (SU-MIMO), two code words are sent to a single handset (commonly referred to as user equipment, or UE), but in the case of the less common downlink multi-user MIMO (MU-MIMO), each code word is sent to only one UE.

The term “layer” is synonymous with “stream.” For MIMO, at least two layers must be used. Up to four are allowed. The number of layers is always less than or equal to the number of antennas.

Precoding modifies the layer signals before transmission. This may be done for diversity, beam steering, or spatial multiplexing. The MIMO channel conditions may favor one layer (data stream) over another. If the base station (eNB) is given information about the channel — for example, information sent back from the UE — it can add complex cross-coupling to counteract the imbalance in the channel. In a 2x2 arrangement, LTE uses a simple 1-of-3 precoding choice, which improves performance if the channel is not changing too fast.

Eigen beam forming (typically known simply as beam forming) modifies the transmit signals to give the best CINR at the output of the channel.

In LTE specifications, the symbols d, x, and y are used to denote signals before layer mapping, after layer mapping, and after precoding, respectively.

SU and MU-MIMO usage

Both code words are typically used for a single user in the downlink (Fig. 4). It is also possible for the code words to be allocated to different users to create MU-MIMO.

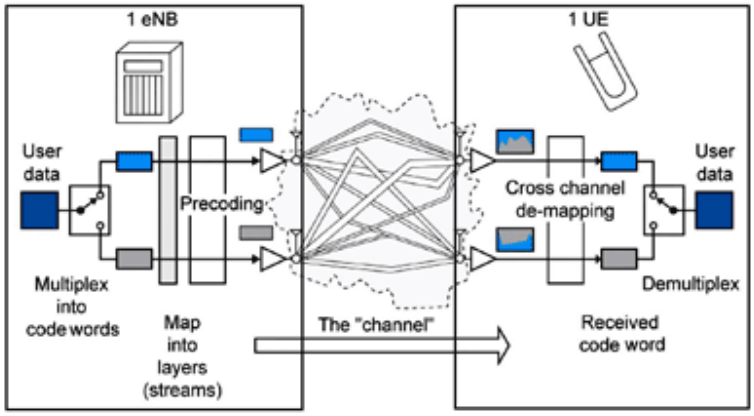


Fig. 4. A downlink uses both code words to transmit to a single user.

Depending on the channel information available at the eNB, the modulation and the precoding of the layers may be different to equalize the performance.

Uplink SU-MIMO is within the scope of LTE, but is not a development priority for various reasons, including UE cost and battery constraints. Although a UE typically has a single transmitter, it nevertheless is still capable of supporting a novel form of MIMO. MIMO does not require that the transmitters are in the same physical device or location, which it does for the receive function. Thus uplink MIMO can be implemented using two transmitters belonging to two different UEs (Fig. 5).

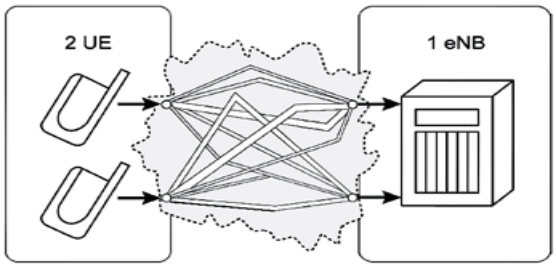


Fig. 5. Uplink MIMO with transmitters in separate UEs.

This creates the potential for an increase in uplink capacity, although an individual user will see no increase in data rate.■

(Source: JAN WHITACRE, Agilent Technologies, Santa Clara, CA)

Mobile WiMAX and Comparison with other Wireless Network Technologies

Vachik Dave,GIT,CE Department,vachik.dave25@gmail.com

A. Comparison between MWiMAX and UMTS/HSDPA

MWiMAX and UMTS/HSDPA(we have to specify) are both system able to provide high data rates to several users. Although the main purpose is the same, there are some differences regarding tec-hnical issues used by each one of the system. Table V summarises the main differences between them:

TABLE I. COMPARISON BETWEEN MWIMAX AND UMTS/HSDPA

Attributes	Mobile WiMAX	UMTS/HSDPA
Standard	IEEE 802.16e	WCDMA
Duplex Method	TDD	FDD
Multiple Access	SOFDMA	CDMA
Channel Bandwidth (MHz)	5,7,8.75,10	5
Frequency (GHz)	2.5,3.5,5.8	2
Frame Size (ms)	5	2
Modulation	QPSK/16QAM/64QAM	QPSK/16QAM
DL PHY Peak Data Rate (Mbps)	31.68 (for a 10 MHz channel)	14.4
Coverage (km)	Up to5	Typically 2to5
HARQ	Yes	Yes
Fast Scheduling	Yes	Yes
AMC	Yes	Yes

B. Comparison between IEEE 802.16m and LTE Advanced in accordance to IMT-Advanced

IMT-Advanced is the ITU description for system beyond IMT-2000 as discussed in much detail earlier. In the previous the two main candidates for IMT-Advanced certification (LTE-Advanced and IEEE 802.16m) have been presented along with the steps taken to satisfy the requirements for IMT-Advanced. IEEE 802.16m has similar performance capabilities as LTE-Advanced technologies. With 802.16e operators can deliver upwards of 3.5 bps today (35 Mbps per sector for a 10MHz channel) while 802.16m and LTE will advance that to over 5.0 bits per hertz (greater than 100Mbps per sector for a 20 MHz channel). In Table VII summarises the some difference between the two technologies:

TABLE II. COMPARISON BETWEEN IEEE 802.16M AND LTE-ADVANCED

Parameter	IEEE 802.16m	LTE-Advanced
MIMO technique	DL: up to 8x8 UL: up to 4x4	DL: up to 8x8 UL: up to 4x8
Latency (ms)	C-Plane:100 (idle to active) U-Plane:10	C-Plane: 50 U-Plane: 10
Duplex Schemes	TDD,FDD and H-FDD	TDD,FDD
Mobility support	Up to 500 km/hr	Max. at speed<15 km/hr High performance (120 km/hr) Maintain links (350 km/hr)
Modulation	BPSK, QPSK, 16QAM, 64QAM, SC	QPSK, 16QAM, 64QAM
Multicarrier support	Up to 100MHz with channel aggregation	100 MHz with carrier aggregation
Scalable bandwidth (MHz)	5, 7, 8.75, 10, 20, and 40	20-100
Peak Spectral efficiency (bps/Hz)	DL: 15(4x4) MIMO UL:6.75(2x4)MIMO	DL:30(8x8) MIMO UL:15(4x4)MIMO
Peak data rates (Mbps)	DL:1000(low mobility) DL:100(high mobility) UL:130	DL: 1000 UL: 500
Access schemes	DL: OFDMA UL: OFDMA	DL: OFDMA UL:SC-OFDMA
Cell edge spectral efficiency (bps/Hz)	DL:0.09 (2x2) UL: 0.05 (1x2)	DL:0.12 (4x4) UL:0.07 (2x4)

What is Software Defined Radio

With the exponential growth in the ways and means by which people need to communicate - data communications, voice communications, video communications, broadcast messaging, command and control communications, emergency response communications, etc. – modifying radio devices easily and cost-effectively has become business critical. Software defined radio (SDR) technology brings the flexibility, cost efficiency and power to drive communications forward, with wide-reaching benefits realized by service providers and product developers through to end users.

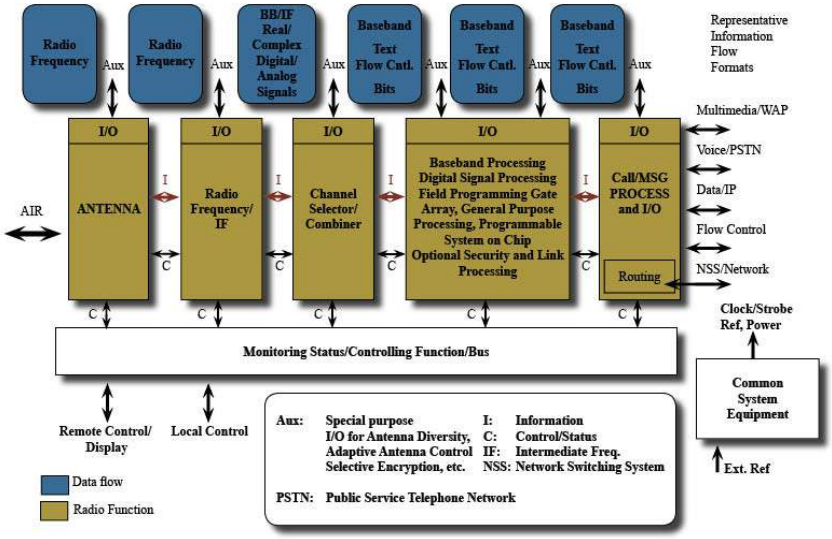
Software Defined Radio - Defined:

A number of definitions can be found to describe Software Defined Radio, also known as Software Radio or SDR. The SDR Forum, working in collaboration with the Institute of Electrical and Electronic Engineers (IEEE) P1900.1 group, has worked to establish a definition of SDR that provides consistency and a clear overview of the technology and its associated benefits. Simply put Software Defined Radio is defined as[1]:

"Radio in which some or all of the physical layer functions are software defined"

A radio is any kind of device that wirelessly transmits or receives signals in the radio frequency (RF) part of the electromagnetic spectrum to facilitate the transfer of information. In today's world, radios exist in a multitude of items such as cell phones, computers, car door openers, vehicles, and televisions.

Traditional hardware based radio devices limit cross-functionality and can only be modified through physical intervention. This results in higher production costs and minimal flexibility in supporting multiple waveform standards. By contrast, software defined radio technology provides an efficient and comparatively inexpensive solution to this problem, allowing multi-mode, multi-band and/or multi-functional wireless devices that can be enhanced using software upgrades.



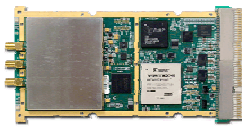
SDR Forum Generalized Functional Architecture – Commercial (source: http://www.sdrforum.org/pages/documentLibrary/documents/SDRF-01-P-0006-V2_0_0_BaseStation_Systems.pdf)

[1] http://www.sdrforum.org/pages/documentLibrary/documents/SDRF-06-R-0011-V1_0_0.pdf

SDR defines a collection of hardware and software technologies where some or all of the radio's operating functions (also referred to as physical layer processing) are implemented through modifiable software or firmware operating on programmable processing technologies. These devices include field programmable gate arrays (FPGA), digital signal processors (DSP), general purpose processors (GPP), programmable System on Chip (SoC) or other application specific programmable processors. The use of these technologies allows new wireless features and capabilities to be added to existing radio systems without requiring new hardware.

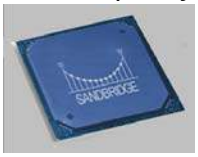
Software Defined Radio - Benefits:

The benefits of SDR are compelling.



For Radio Equipment Manufacturers and System Integrators, SDR Enables:

- A family of radio "products" to be implemented using a common platform architecture, allowing new products to be more quickly introduced into the market.
- Software to be reused across radio "products", reducing development costs dramatically.
- Over-the-air or other remote reprogramming, allowing "bug fixes" to occur while a radio is in service, thus reducing the time and costs associated with operation and maintenance.



For Radio Service Providers, SDR Enables:

- New features and capabilities to be added to existing infrastructure without requiring major new capital expenditures, allowing service providers to quasi-future proof their networks.
- The use of a common radio platform for multiple markets, significantly reducing logistical support and operating expenditures.
- Remote software downloads, through which capacity can be increased, capability upgrades can be activated and new revenue generating features can be inserted.

For End Users - from business travelers to soldiers on the battlefield, SDR technology aims to:

- Reduce costs in providing end-users with access to ubiquitous wireless communications – enabling them to communicate with whomever they need, whenever they need to and in whatever manner is appropriate.

Software Defined Radio - Rate of Adoption:

The SDR Forum commissioned a number of research reports in 2006 to evaluate the adoption of SDR technologies in various markets. The results of these studies demonstrated that, in

certain markets, SDR is moving beyond the innovators and early adopters as defined by Geoffrey Moore in "Crossing the Chasm" into the early majority phase defining the mainstream market[2]. In this phase, adopters select a technology not because it is innovative or visionary but because it has been shown to successfully solve a problem within their specific market.

Examples of SDR adoption illustrating the transition to the mainstream are abundant:

- Thousands of software defined radios have been successfully deployed in defense applications
- Cellular infrastructure systems are increasingly using programmable processing devices to create "common platform" or "multiband-multiprotocol" base stations supporting multiple cellular infrastructure standards
- Cellular handsets are increasingly utilizing System on Chip (SoC) devices that incorporate programmable "DSP Cores" to support the baseband signal/modem processing

- Satellite "modems" in the commercial and defense markets make pervasive use of programmable processing devices for intermediate frequency and baseband signal processing

While these types of systems are often not marketed as "SDR's", they utilize and benefit from SDR technologies to solve market specific problems such as; cost of development, cost of production, cost of upgrades and maintenance, time to market in supporting new and evolving air interface standards, or problems associated with network interoperability.

In addition, the SDR Forum's market and technology studies have shown that cost effective radio frequency technologies supporting the operation of software defined radios over a broad spectral range have begun to mature, allowing for the first time the use of software defined radio as an enabling technology for dynamic spectrum access systems with cognitive or smart radio functionality. This trend is expected to continue over the next several years, allowing SDR to finally achieve the defined vision of reducing costs in providing end-users with access to ubiquitous wireless communications – enabling them to communicate with whomever they need, whenever they need to and in whatever manner is appropriate





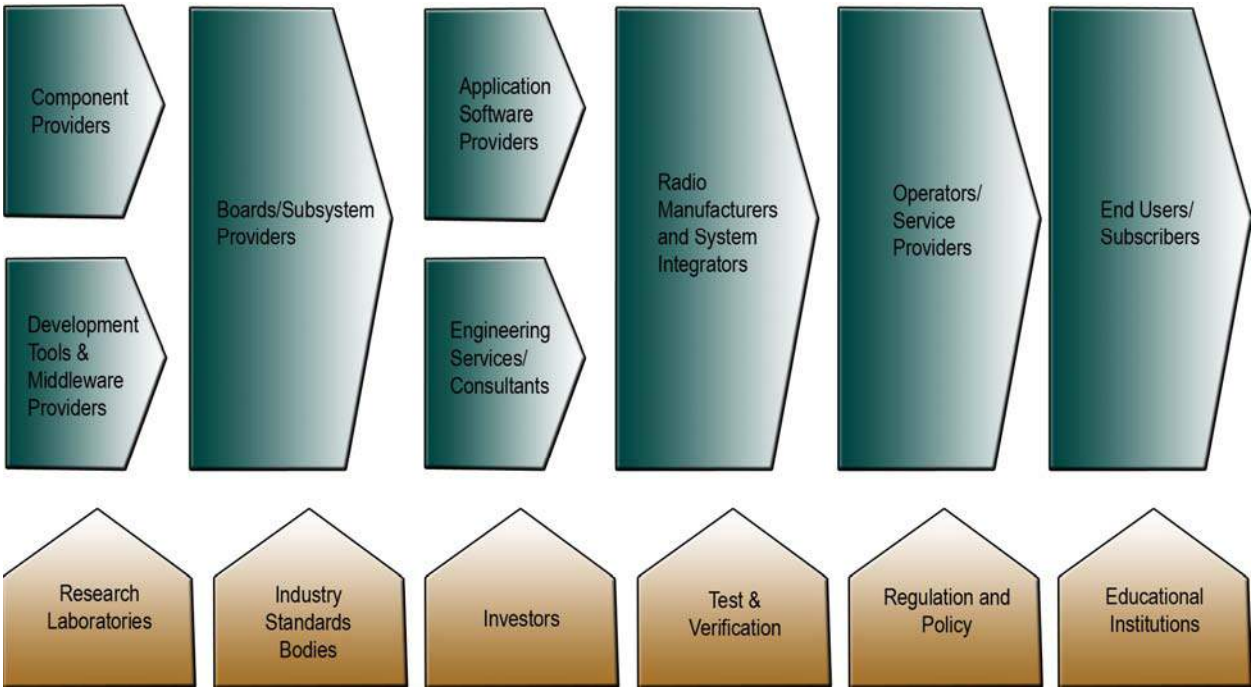
[2] Geoffrey A. Moore, *Crossing the Chasm (Revised Addition)*, Harper Collins Publishers, 2002

Software Defined Radio – Value Chain:

The time is now to engage SDR at all levels of the chain

The benefits and anticipated opportunities for SDR technology are having a significant impact on the wireless industry's value chain. This chain consists of product-based and service-based providers, with value added at each stage, ultimately resulting in SDR end products and services that meet the needs of the end users and subscribers.

Throughout the chain, the providers may be supported by external organizations such as educational institutions, research laboratories, industry standards bodies, investors, tests & verification and government. These supporting organizations provide critical input as development progresses through the chain, ultimately reaching the end user. The detail of the chain and the relationship within the context of the SDR Forum membership is outlined below.



SDR Value Chain: Product and Service Based Providers and Supporting Organizations (Source: SDR Forum 2005 Year Book)

Please note: *companies may represent more than one category in the value chain.* For instance, some defense contractors develop their own SDR subsystems and application software. Equally most component providers also provide development tools.

SDR has far reaching implications within the chain impacting a variety of organizations and industry sectors through the radio frequency (RF) chain (front end components, software developers, chips makers, etc) and throughout business modes (service providers, OEMs, IP holders, etc.). In order to provide viable products and services to meet the future development potential of SDR technology, organizations must look to structure SDR into all levels of the value chain. With successful applications seen in a number of markets, the opportunity to fully engage SDR at all levels of the chain is now.

The SDR Forum engages world class technical, business and government leaders from EMEA, Asia and the Americas, at all levels of the wireless industry's value chain. These members are committed to solving their customers' communications problems through families of radio devices that support a broad range of disparate wireless networks, evolving standards, and the addition of value added services. The dedication to promoting the success of next generation radio technologies that will inherently support software defined and cognitive radio (CR) capabilities is at the foundation of the Forum. Through its collective industry strength the Forum can support the adoption of SDR technologies through the value chain through advocacy, opportunity development, commercialization and education.

Software Defined Radio - Related Technologies

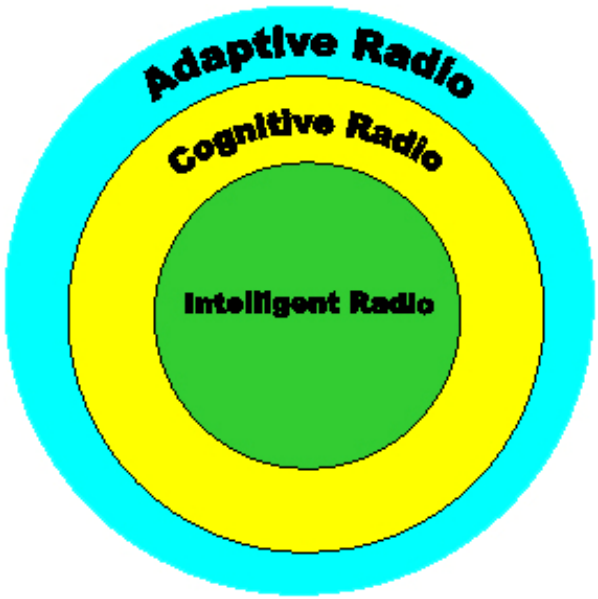
SDR can act as a key enabling technology for a variety of other reconfigurable radio equipments commonly discussed in the advanced wireless market.[3] While SDR is not required to implement any of these radio types, SDR technologies can provide these types of radio with the flexibility necessary for them to achieve their full potential, the benefits of which can help to reduce cost and increase system efficiencies:

Adaptive Radio

Adaptive radio is radio in which communications systems have a means of monitoring their own performance and modifying their operating parameters to improve this performance. The use of SDR technologies in an adaptive radio system enables greater degrees of freedom in adaptation, and thus
higher levels of performance and better quality of service in a communications link.

Cognitive Radio

Cognitive radio is radio in which communication systems are aware of their internal state and environment, such as location and utilization on RF frequency spectrum at that location. They can make decisions about their radio operating behaviour by mapping that information against predefined objectives.



Venn diagram illustrating relationship between associated advanced wireless technologies

Cognitive radio is further defined by many to utilize Software Defined Radio, Adaptive Radio, and other technologies to automatically adjust its behaviour or operations to achieve desired

[3] http://www.sdrforum.org/pages/documentLibrary/documents/SDRF-06-R-0011-V1_0_0.pdf

objectives. The utilization of these elements is critical in allowing end-users to make optimal use of available frequency spectrum and wireless networks with a common set of radio hardware. As noted earlier, this will reduce cost to the end-user while allowing him or her to communicate with whomever they need whenever they need to and in whatever manner is appropriate.

Intelligent Radio

Intelligent radio is cognitive radio that is capable of machine learning. This allows the cognitive radio to improve the ways in which it adapts to changes in performance and environment to better serve the needs of the end user.

These types of radio – adaptive radio, cognitive radio and intelligent radio – do not necessarily define a single piece of equipment, but may instead incorporate components that are spread across an entire network.

COLLABORATION: A FUTURE WAY OF SUCCESS WITH REFERANCE TO BRTS, AHMEDABAD

Snapshot of Bus Rapid Transit System (BRTS), Ahmedabad

INTRODUCTION

Ahmedabad, today, is on the threshold of transforming into one of India's leading cities. It is India's seventh largest city and poised to be a financial hub in western India. It has the infrastructure and the ingredients required to realize this dream – uninterrupted power supply, excellent road network, reputed educational institutes and above all, the famous Gujarati entrepreneurial spirit.

Ahmedabad has been futuristic in city planning. It realizes that only with a long term vision, it can sustain its growth and enhance the quality of life desired for its six million citizens. Worldwide, the best and the most successful cities are seen to have efficient public transport systems. Ahmedabad too has taken up this path of transformation and is heading for a sustainable transport system, which will enhance the quality of life of Amdavadis and promote competitiveness of the city itself. The BRTS is a logical conclusion of this vision.

The concept of Janmarg is influenced by the successful Transmilenio system built in Bogota and

the BRT system of Curitiba. However, it's planning and design is adapted to suit Ahmedabad's specific conditions. The system gives top priority to buses, pedestrians and non motorized transport and this is achieved by segregating these modes from fast moving motorized traffic. Buses run on dedicated lanes provided in the centre of the road while bicyclists get their own dedicated track and pedestrians get wide footpaths.

Janmarg is more than just moving people efficiently. Janmarg is about creating an identity for public transport in Ahmedabad for years to come. It is about creating a sense of pride in Ahmedabad's citizens for their city. It is about creating an image that will define the ethos of Ahmedabad as a city that is ready to accept change, a city that has a vision for the future, a city that will transform the image of public transport in India.

The BRTS plan consisted of development of 217 km of BRTS corridors in three phases. The corridors selected as part of phase I were mainly the rings in Ahmedabad. This included the 132' ring road on the western side and the Narol-Naroda highway on the eastern side. Other corridors included a connection to Maninagar railway station, Kalupur railway and bus station.

MANAGEMENT DETAILS

The ultimate sustainability of the BRTS system depends as much on its software (regulatory structure, management and business model) as on its hardware (infrastructure and rolling stock).

The principal stakeholders of Janmarg Ltd. are:

- Ahmedabad Municipal Corporation (AMC)
- Ahmedabad Urban Development Authority
- Government of Gujarat

The board of SPV (Special Purpose Vehicle) consists of the following directors as shown in Figure 1:

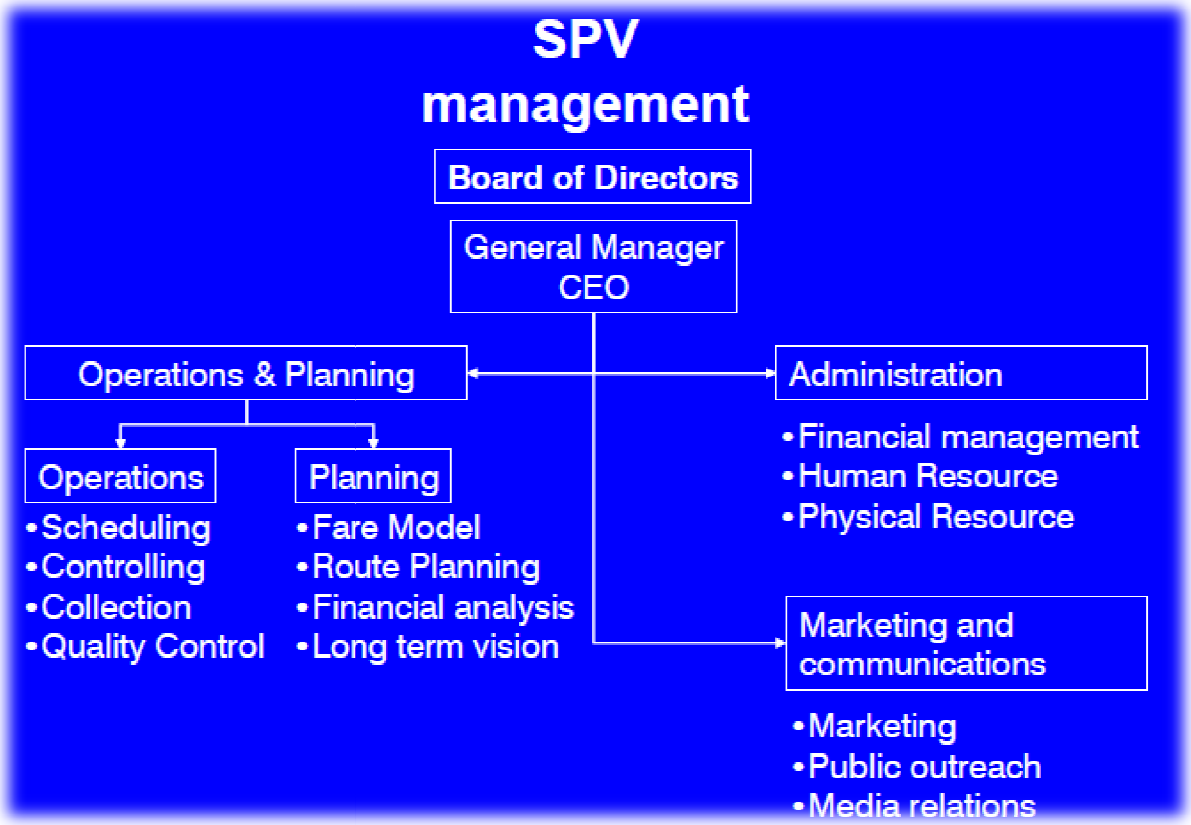


Fig 1: SPV Management of BRTS, Ahmedabad

LIST OF COLLABORATED COMPANIES

A. Planning and Designing Team

- CEPT University

'Centre for Environmental Planning and Technology University (CEPT University) is an academic institution located in Ahmedabad,India.

B. Engineering Design and Project Management

- LEA Associates South Asia Pvt. Ltd

'LEA Associates South Asia Pvt.Ltd.(LASA) is one of the leading Indian Consultancy firm in the area of infrastructure development and management. It was established in 1993 with its corporate office in New Delhi. Over a period of 17 years, LASA has managed to gain recognition for integrating state of the art technology with project development in the infrastructure sector in India.

- Institute for Transportation and Development Policy (ITDP)

'The institute of transportation and development policy was established in 1985 to promote environmentally sustainable and socially equitable transportation worldwide. '

C. Contractors /Service Providers

- Road Infrastructure Works: Roman Tarmet and IRB Ltd.
- Bus Station Works: M/s Nila Infrastructure
- Bus Operator: Charted Logistic Pvt. Ltd.

***D. ITS and Ticketing**:*

- Ticketing: Vayam GMV Intelligent Transportation Pvt. Ltd.
- Automated Doors: Technocratss Systems Pvt. Ltd.
- Automated Traffic Signal System: Webel with Technical Support from CDAC

E. Lead Planning & Implement Agency

- Ahmedabad Municipal Corporation (AMC)

F. Project Support

- Ahmedabad Urban Development Authority (AUDA)
- Gujarat Infrastructure Development Board (GIDB)
- Urban Development & Urban Housing Department, Government Of Gujarat
- Ahmedabad City Traffic Police

G. Project Funding:

- Project Under JnNURM of the Ministry of Urban Development, Government of India (GOI 35%, GOG 15% and AMC 50%)

FUTURE PLANS OF BRTS:

- The 4 km elevated corridor connecting Delhi Darwaza and New Cloth Market via the Kalupur Railway Station Road is now being redesigned to Archaeolological Survey of India(ASI) specifications. As ASI has rejected the proposed design of the elevator because in that area there are atleast 8 ASI-protected monuments including Delhi Darwaja, Prem Darwaja, Bibi ki Masjid on the 4 km route.

- In coming years, BRTS will get integrated with Ahmedabad Metro by the addition of two lines running through east to west and north to south.

- In addition, after the implementation of Ahmedabad BRTS and MetroLink Express Gandhinagar and Ahmedabad, Gujarat International Finance Tec-City (GIFT) would be easily accessible through a multimodal mix of Rapid Transport Systems.

****

ARTICLE PREPARED BY

KHETAN PRIYANKA ANILKUMAR

[ENROLLMENT NO: 107150592028]

BATCH: 2010-2012

GIT - MBA

UNDER THE GUIDENCE OF

PROF. NEHAL SHAH

[BE (EC), MBA (Marketing), UGC-NET, PhD continue]

Assistant Professor

GIT - MBA

WORLI SEA LINK BRIDGE: A DISTINCTIVE IDENTITY OF MUMBAI

Snapshot of Bandra-Worli Sea Link Bridge (BWSL), Mumbai

INTRODUCTION

Mumbai: the financial capital of India. A tiny island bursting at the seams with its teeming million, with real estate prices among the highest anywhere in the world, land is an extremely precious commodity in the city. Expanding the existing infrastructure especially transport has been a nightmare for the city planners. But, one thing that Mumbai does have plenty of is the sea surrounding the island on three sides. Finally when push came to shove, with the only connection between the western suburbs and 'town' - the Mahim causeway choked to its limit, the planners looked out to the sea. The idea about a bridge in the sea seemed farfetched at first, but where there is a will there is a way. Many years in the planning and more years in the making, but

finally Mumbaikers can now speed across the Mahim bay on a swanky new 8 lane 4.7 km bridge, cutting the earlier travel time of up to 60 minutes to just 15 minutes. The marvel that has brought this sea change to the life and landscape of Mumbai is the Bandra-Worli Sea Link – the first ever sea link constructed in India. The Bandra-Worli Sea Link (BWSL) is a part of the Western Freeway Sea Project, which, in turn, is a part of a larger proposal to upgrade the road transportation network of greater Mumbai. The project was commissioned by the Maharashtra State Road Development Corporation Ltd (MSRDC) and the MaharashtraGovernment and has been built by Hindustan Construction Company (HCC). The entire project was originally conceived as one large project comprising, different components, but in order to accelerate the overall construction schedule, the project was divided into five construction packages. Four of these packages involved work on the island, while one – Package IV involved construction in the sea.

PROJECT HIGHLIGHTS

- India's first bridge constructed in open-sea conditions
- 4.7 km, twin, 4-lane independent carriageway bridge across the open sea
- 16-lane toll plaza with 20-m wide promenade together with state-of-the-art traffic monitoring, surveillance, information and control systems
- 2342 pre-cast segments for total bridge with varied width 40,000 MT of reinforcement, 23,0000 cum of concrete, 5,400 MT of Post tensioning strands and bars used
- Osterberg cell technology used for the first time in India to check pile strength (for up to 9600 MT).
- Engagement of Asian Hercules, one of the largest floating shear leg crane in the world for shifting 1,260 MT launching truss from Bandra end to Worli end of the main cable stay bridge
- Largest span for cable-stayed bridge in India Up to 25-m high pier in open sea, giving ample headroom to marine traffic
- Use of Polytron Disc in bearings on piers for the first time in India

MAJOR SUPPLIERS:

Name of the Company	Services Provided by Company
VSL Singapore Pvt. Ltd.	Technical Consultants
Ultra Tech	Supplier of cement
Metco group of companies	Supplier of bearings
Tata Steel, RIN Ltd & SAIL	Supplier of steel
ELKEM International Ltd.:	Norway-based company supplier of micro silica
SPCC	China-based company supplier of stay cable

CURRENT & EXPECTED BENEFITS OF THE PROJECT

- Estimated savings in Vehicle Operating Costs (VOC): Rs. 100 Crores per annum.
- Considerable savings in travel time (20 to 30 minutes) due to increased speed and reduced delays (23 signals avoided).
- Stress free driving.
- Reduced accidents.
- Reduction in traffic on existing roads because of traffic diversion to the Sea Link.
- Reduction in Carbon Monoxide and Nitrogen Oxide Levels in Mahim, Dadar, Prabhadevi and Worli along existing roads.
- Reduced noise pollution in Mahim, Dadar, Prabhadevi and Worli along existing roads.
- No adverse effect on fisheries, marine life and livelihood of fisherman.
- Landscaping along the approaches and waterfront promenade will enhance the environment and add green spots to the city.
- Mumbai got a new landmark.

****

ARTICLE PREPARED BY

SHAH JAYDIPKUMAR DILIPKUMAR

[ENROLLMENT NO: 107150592034]

BATCH: 2010-2012

GIT - MBA

UNDER THE GUIDENCE OF

PROF. NEHAL SHAH

[BE (EC), MBA (Marketing), UGC-NET, PhD continue]

Assistant Professor

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NON TECHNICAL ARTICLES

ભૃષ્ટાચારનું કોષ્ટક...

Pankil Shah
080120116074

1 crore	=	1 KhoKHa
500 crore	=	1 "Madhu Koda"
1,000 crore	=	1 "Nira Radia"
10,000 crore	=	1 "Suresh Kalmadi"
1,00,000 crore	=	1 "Raja"
100 Raja	=	1 "Sharad Pawar"
10,000 Sharad Pawar	=	STILL WAITING.....[?][?]

હું તારી HARD DISK ને તું મારી RAM

By : Sarthak Patel, Lecturer, IT Department

Source : http://www.gujaratikavita.com/2010/08/21/hard-disk-poem/

હું તારી HARD DISK ને તું મારી RAM,
તને કરું છું ERROR વગર નો પ્રેમ ,
તું શુકામ કરે છે મને HATE,
હું કરું છું SAVE ને તું કરે છે FORMAT..
મારી દિલ ની લાગણી નો તને કરું EMAIL,
તારા તરફ થી કેમ આવે DELIVARY REPORT FAIL;
DOWNLOAD થાય છે દિલમા માત્ર તારી જ FILE ,
અને તું જ છે જે HIDE કરે છે તારી PROFILE.
મારા MEDIA PLAYER માં તારા જ ગીતો વગાડું .
આ લાગણી ની PEN DRIVE તને કેમ કરી પહોચાડું .
હા પાડી ને HACK કરી લે મારા દિલ ની SITE,
તારા વગર થઇ ગયો છું BIT વિના ની BYTE.
તારા પ્રેમ નો VIRUS મને કેવો નચાવે
કરું હું DELETE તો ફરી પાછો આવે .
તારા વિના PROCESSOR માં 'હોશ' ક્યાંથી આવે ,
DUALCORE ના જમાના માં P4 થી કામ ચલાવે!

STRUGGLING IN THE WAYGOD vs. DEVIL

(Poem cum Conversation)

By Deepak Patni

DEVIL:
I am a wicked soul,
My deeds are evil,
I will spread sin everywhere,
I am the demon, I am the devil.

GOD:
I am the owner of every soul,
I am the creator, I am the God,
It's me, who runs the world,
I am the one, I am the Lord.

DEVIL:
I will destroy everything,
No one would endure here,
I will spread anxiety, covetousness,
Violence, wickedness everywhere.

GOD:
Immorality will never win,
I will never let it happen,
Goodness is the only key of life,
Grace of piety is the extreme weapon.

Survivor:
The war between evilness and goodness,
Started from beginning and it will never end,
But whenever it will happen,
It will be piety which will have the last stand

STRUGGLING IN THE WAY - By Deepak Patni

I don't know my destiny; don't know where to go,
Just walking like an idiot, have no one to follow,
The way is not easy, have to struggle here,
I am walking lonely on the way, alone facing fear.

I don't know the source, don't know the destination,
I need a single clue, not any habitation,
It seems I am strong, but weak from inside,
I am lost in a way, I really need a guide.

Will you be my inspiration, will you be my guide?
Will you be there for me, even in a heavy tide?

You will be not there, I am pretty sure!!
I have to struggle alone, have no one to cure.

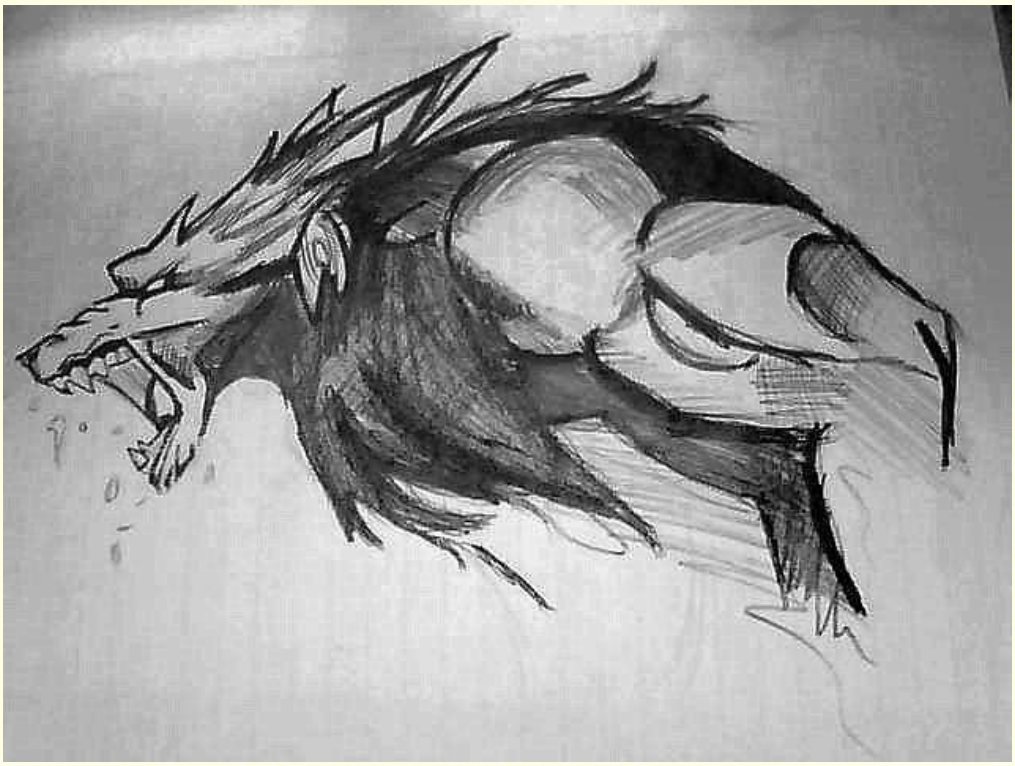
I am walking all night, walking all day,
The life will end, struggling in the way.

Because I Am Dearest of My Dad
By Hadiya Valiulla
Mechanical-2nd sem

Nothing for me is sad,
because i am dearest of my dad,
No colour of life is bad,
because i am dearest of my dad,
When i lay in his arm,
the world seems to be warm,
All the problems get their solution,
and cleared are all the confusions.

Yes,he scolds me sometimes,
because he wants the best out of me every time.
He fullfilles all my wishes,
whether its colthes,travel or various dishes.
He wants me to study and work hard,
so that a wonderful life I can afford.....
Dear Dad,
I'll surely try my best,
to be successfull in your test.
I'll fullfill all your dream,
and fill your life with sweet,chocolates and cream.
One day...there will be no need to worry,
because your daughter will be there...
To SHARE THE LOAD YOU CARRY.

Paintings By Nikhil Patel (2nd Yr, Mechanical Engineering)



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GIT - A SONG OF TECHNOCRATES

Annual Magazine Volume : V (May 2012)

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TRUSTEES

Shri Hareshbhai B. Rohera (Trustee)
Qualifications : B. Com
Background

» Proprietor: Mahadev Steel Suppliers
» C/o: Vinayak Steel Syndicate
» C/o: Dhiraj Steel Supplier
» C/o: Krishna Steel Trader
» Owner: National Steel Processor
» Trustee: Sai Vasant Ghot Darbar
» Trustee: Jai Jhulelal Mandir

Shri Dipakbhai N. Ravani (Trustee)
Qualifications : B.Com., LL.B.
Background

» Business

Shri Pravinbhai A. Shah (Trustee)
Qualifications : B.A., LL.B.
Background

» President of Zalavad Samaj Jain Seva Trust
» Trustee of Vasant Atma Charitable Trust
» Trustee of Rampura Champa Vijya Hospital
» Trustee of Shantivan & Ambawadi Jain Sangh
» Trustee of Rampura Kelavani Mandal
» Trustee of Pampura Panjrapole Trust

Shri Ghanshyambhai V. Thakkar (Trustee)
Qualifications : M.A
Background

» Professor at Vivekanand College of Arts, Ahmedabad
» Ex. M.L.A., Gujarat Assembaly from Mandal
» Trustee of V.M. Thakkar Charitable Trust, Ahmedabad
» Manages Muktajeevan Vidhyalaya and BVD High School, Isanpur and Maninagar
» Advisor/Member Kankaria Maninagar Nagarik Sahakari Bank
» Director - Adarsh Co-Operative Departmental Stores

Smt Varshaben M. Pandhi (Trustee)
Qualifications : B.Com
Background

» Working experience in the field of Insurance and Investment Advisory for about 20 years

Mr. Mahendrabhai Pandhi (Member Governing Body)
Qualifications : B.Com, F.C.A.
Background

» Proprietor, M. R. Pandhi & Associates
» He has many Indian clients having international presence
» His areas of interest are Taxation, Audit, Project Finance and Company Law related matters.
» He is one of the memebrs of the study group of 25 Chartered Accountants constituted by WIRC
» He has visited many countries like U.A.E., Moratius, Singapore and Africa for his client work.

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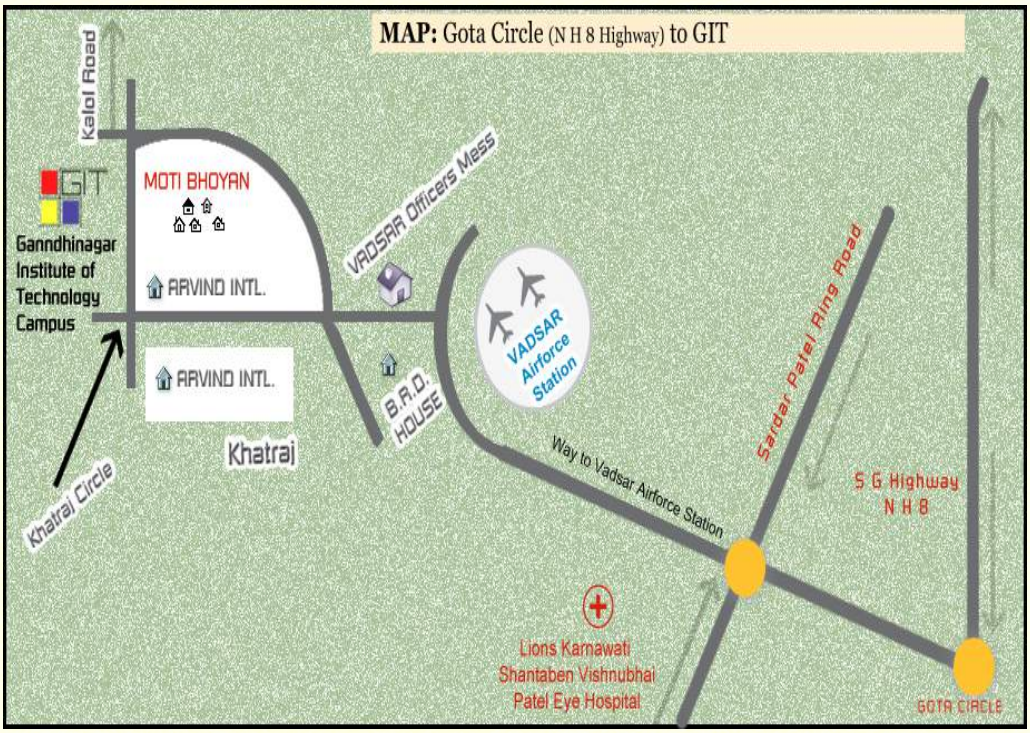

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