



GDEC NEWS LETTER

RESONANCE @ GDEC

Address:
 GIDC Degree Engineering College
 Managed by GIDC Education Society
 Abrama- 396406, Ta: Jalalpore,
 Dist: Navsari

College at a Glance

GIDC Degree Engineering College is working on PPP mode. It is run by GIDC Education Society, GIDC Gandhinagar, under the aegis of dynamic management & visionary principal Dr. K. N. Mistry.

The college has successfully entered in 4th year with eminent growth by producing the students as Skilled Technocrats.

According to the needs of Society we are facilitating by running the best leading courses such as Automobile Engineering(60), Civil Engineering(120), Computer Engineering(60), Electrical Engineering(60), Mechanical Engineering(120).



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Bridge Course

Gujarat Technological University introduces Bridge Course every year for the first semester Engineering students. The aim of this bridge course is "To equip the students with the knowledge and the confidence needed to take on bigger challenges as an engineering professional." It's an effort to motivate the students in all respects. It includes (1)Village visits (2) Learning Engineering (3) History of Science and Technology & (4)Life skills. Life Skills includes many activities like, Tree plantation, Yoga Activity, Camp for Thalassemia test.



It was a general opinion of students that they have enjoyed the format and content of the bridge course and it was helpful to them for adapting to new environment

By group activity, it had helped the students to know their classmates and faculties and established effective communication amongst them.



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The following faculties are appointed as a coordinator of bridge course by Principal sir.

1	Life Skill	Dr. S. S. Patel (HOD ASH Department)	Dr. H. S. Patel (HOD Mechanical Department)
2	Village Visit	Prof. Harshal Vashi (ASH Department)	Mr. Divyesh Patel (Workshop)
3	Learning Engineering	Concern HOD	Concern Faculty
4	History of Science & Technology	Concern HOD	Dr. Kaushal K Thakkar (ASH Department)

Editorial Team:

- > Dr. Shailesh Patel
- > Dr. Kaushal K Thakkar
- > Prof. Ishita Panchal

Principal's Message

It is my immense pleasure to well come you at GDEC News Letter October 2015. GIDC Degree Engineering College is regularly publishing quarterly newsletter. The purpose of newsletter is to publish the activities of the college, achievements of the students, faculty and staff of the college. This is a unique college of the Nation, where the Industries and Commercial Sectors of Global Society are directly or indirectly connected with the college. College is the host for the Navsari Innovation Sankul covers the Navsari district, bardoli, Mandvi and Palasana, where the professional colleges like Engineering, Polytechnic, Pharmacy, Computer applications and Management

colleges are covered. The Industries related to these professions also meet regularly to discuss the innovations on the professional ground for the mutual benefits of the Industries and college students. Apart from its technical education, college is also planning the extracurricular activities. This year college has planned the sports, technical festival and cultural activities. These extracurricular activities will give the opportunities to students to grow their inherent talent in all directions. We have nearly 1900 students enrolled so far studying computer, mechanical, automobile, electrical and civil engineering. College has target to educate these student not only the

academic growth but to enrich them the real life experience. For this purpose college has motivation to explore the laboratory experimental test rig to use them for the testing, consultancy and research purpose for the Industries. By way this college will generate not only revenue, but will enriched the experience of faculty and in turn educate students the real life applicability. College being sponsored by the GIDC education society, GIDC them self has more than 1 million industries and 2 million professional working in different fields. The college has the target that in the final year 75% of the eligible students will get the placement before they pass out. Rest 25% students will be motivated for

for higher education or technopreneur. The college provides an environment which is not only pollution free but is also immensely suited for the holistic growth and the development of the students. Every effort is made to make the student to have a sound personality by imbibing not only technical skills but also values and social adaptability and human sensibility as integral part of his/her mind-set and to make him/her a complete "self". The training is provided to the students such that they become globally acceptable personalities with communication skills, proper attitudes and aptitudes, problem solving capabilities and to work as team players.

Dr. K. N. Mistry

Dynamic Management

Name of the Member	Designation in the GES	Current Position/Organization
Shri Manoj Aggarwal , IAS	Chairman	Vice Chairman & Managing Director , GIDC, Gandhinagar
Shri. G N Jogiani	Member Secretary	Director (NA) & General Manager GIDC, Gandhinagar
Shri A. K. Patel B.E (Civil)	Member	Superintending Engineer GIDC, Surat
Dr. V. S. Purani M.E. Civil, Ph.D.	Member	Asst Professor in Applied Mechanics & Deputy Director, A Directorate of Technical Education, Gandhinagar
Dr. A. K. Dave B.E, M.E, Ph.D	Member	Ex. Director, SVNIT, Surat
CA V. G. Desai M.Com, F.C.A	Member	Chartered Accountant Navsari
Dr. D.G. Naik M.A, M.Ed, Ph. D	Member	Director Naran lala College campus, Navsari

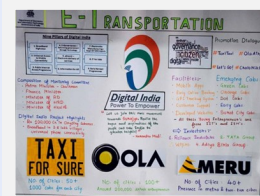
Digital India Week

As a part of Digital India Week Celebrations; Digital locker IDs had been created and allotted to all the faculty members and final year students during 2nd to 7th July, 2015, On 4th July 2015 GDEC faculty members and students visited nearby higher-secondary school to give awareness about Digitalization in Technical Education and various E-services provided by the government.

An awareness program was also arranged for GDEC staff & students on 6th July 2015, as institute wants to mould the students into futuristic technocrats and to enable them to cope up with the upcoming technological challenges. The guest Mr. Bhautik Sheth, (Founder of iVIPANAN digital Marketing and Management Services), was invited on the same day to share the knowledge on Digitization and Cyber Security.

By this successful celebration of digital week GIDC Degree Engineering has made a profound step towards digital India.

Team Members: Ms. Archana Nayak (Event Coordinator), Harshal Vashi, Ishita Panchal, Hardik Tandel, Utejana Chaudhari, Pankti Naik, Khyati Naik, Keyur Patel, Manoj Patel, Hemali Patel, Viral Patel, Heli Naik, Hitesh Patel.



69th Independence Day Celebration at GIDC Degree Engineering Collage

The national festival of **69th Independence Day** was celebrated with joy and pride at **GIDC Degree Engineering College, Abrama, Navsari**, in the valuable presence of honourable **Mr. U.N. Jadeja**, Mamlatdar, Jalajpore Taluka. and **Mr. Pankajsinh Thakor**, Ex-President, Navsari Dist. Chamber of Commerce along with the trustees, principal sir, teaching, non-teaching, supporting staff and students. After the introductory words about independence day by **Prof. Harshal G. Vashi** and Principal **Dr. K. N. Mistry** welcomed all the guests. The flag was unfurled by **Mr. U. N. Jadeja**. Everyone gave respect to the National flag

to the National flag by saluting it and by rhythmic singing of the National Anthem. **Mr. U. N. Jadeja** and Our trustees **CA Vinodchandra G. Desai, Dr. A. K. Dave** and **Mr. A. K. Patel** gave inspirational speeches to all of us. **Prof. Dr. Shaillesh S. Patel** gave vote of thanks to everyone. After completion of the formal ceremony, students presented posters of their project work. In this way the **69th Independence Day** was successfully celebrated with zeal and pride at our institute.



27th FDP ON DESIGN ENGINEERING @ GTU
During 31st Aug., 2015 to 3rd Sept., 2015
Following Faculties have attended:
Prof. Nilesh R. Parmar (Civil Engg. Dept.)
Prof. Daksh R. Tandel (Mech. Engg. Dept.)
Prof. Bhavesh S. Patel (Elect. Engg. Dept.)
Prof. Brijesh U. Patel (Comp. Engg. Dept.)
Prof. Harshal G. Vashi (ASH Dept.)

SELF DEFENCE PROGRAM - WOMEN EMPOWERMENT WEEK

To support Women Empowerment, GIDC Degree Engineering College, Navsari had arranged Self-defence program on 11-Aug-2015 for all the female students and staff of college. Under the guidance of expert trainer Mr. Mukesh Parmar, college successfully organized self-defence training which was designed to "help women identify their risks, evaluate their strengths and to explore their options for dealing with the threat of violence." All the co-ordinators had supported the event with great enthusiasm which had led to the gain of awareness for various kara-

te activities among all the female students and staff of the college. With this GIDC Degree Engineering has made a significant footstep towards women empowerment.

Event Co-ordinator :Ms. Archana Nayak (Head, Computer Engg. Dept.), Ms. Toral Patel(Head, Automobile Engg. Dept.)

Department Co-ordinators:Amruta Naik (Computer Engg. Dept.), Apexa Naik (Electrical Engg. Dept.), Hemali Patel (Civil Engg. Dept.)



BOB Prom., LIC-ADO, RBI Asst., UIICL Asst., & RRB Online Exams

GIDC Degree Engineering College is in facility agreement with Tata Consultancy Services Limited since 01-09-2014. Under this agreement Computer Engineering Department has successfully hosted many online examinations in collaboration with TCS. Following are the details of Online Exams held during July, Aug & Sep Months of financial year 2015-16.

Under the leadership of Ms. Archana M. Nayak (Head of Dept.) Computer Engineering Department has become a consistent revenue generator for GIDC Degree Engineering College.

Sr. No.	Name of Examination	Date/s	Revenue Earned by College (INR)	Revenue Earned by College Staff (INR)
1	BOB, Promotional Examination	05 - July - 2015	2660	2300
2	LIC ADO Recruitment Examination	25 - July - 2015	11320	7350
3	RBI Assistant Recruitment Examination	01 & 08,09 - Aug - 2015	33560	21600
4	UIICL Assistant Recruitment Examination	30 -Aug - 2015	17560	10800
5	RRB Recruitment Examination	26,27,28 - Aug & 01,02,03 - Sep - 15	102360	60000
6	RRB Recruitment Examination	16 - Sep - 15	9900	6400
		Total	177360	108450

Team Members: Kaushik Patel, Kaushal Kevadia, Brijesh Patel, Pankti Naik, Bhumika Patel, Himanshu Patel, Amruta Naik, Nilesh Patel, Viral Patel, Ritesh Naik, Manish Patel, Mayank Naik, Divyesh Patel, Hitesh Patel, Manoj Patel, Parimal Patel, Harish Patel, Anil Patel, Bhavin Patel

Seminar on GATE Examination

Computer Engineering Department had organized seminar regarding the awareness of Graduate Aptitude Test in Engineering (GATE) for Third year and Fourth year students of Computer Engineering Department on, 9th September, 2015. As an expert Mr. Rakesh Baldha was invited from ICE gate Institute, Surat. He provided the detailed about GATE exam pattern, eligibility exam pattern, eligibility criteria, Importance of GATE in Selection process of

Government and Private sector jobs, important topics for preparation etc. It was very advantageous session for students as they got information regarding their carrier options after B.E.

Event Co-ordinators:

Prof. Archana Nayak,

Prof. Kaushal Kevadia

Reported By: Ms. Pankti Naik



Workshop on Moodle - Open Source Learning Platform

Computer Engineering Department had organized one day workshop on Moodle - Open Source Learning Platform on 19th September 2015. As experts Prof. Akhilesh Y. Laddha and Prof. Dharmendra Singh from Shree Swami Atmanand Saraswati Institute of Technology, Surat, were invited to guide faculty members about Moodle. Almost 40 faculty members from all the departments

of GDEC attended the workshop. Experts gave guidelines about how to design assignments create Quiz exams, share study materials with students and check Plagiarism in assignment etc. using Moodle. Experts also help to setup Moodle Server System for GDEC.

Event Co-ordinator :

Ms. Archana Nayak

Prof. Kaushal Kevadia



Team Members: Prof. Pankti Naik, Prof. Vibhuti Patel, Prof. Kushal Patel, Mr. Nilesh Patel, Mr. Viral Patel, Ms. Amruta Naik, Mr. Himanshu Patel

Computer Department

Extensive Survey of Video Compression Technique by **Kaushik Patel, A. M. Nayak, Brijesh Patel** in IJSRD - International Journal for Scientific Research & Development. Volume 3, Issue 6, August 2015 (ISSN (online): 2321 0613).

Improvement in the strength of RSA algorithm using Bits Randomize by **Brijesh Patel, A. M. Nayak, Kaushik Patel** in IJSRD - International Journal for Scientific Research & Development. Volume 3, Issue 6, August 2015 (ISSN(online): 2321 0613).

Prof. Manali Shah

“Applicability of Bagnold’s (1966) Approach for Total Load Transport Rate” Published in International Journal of Advanced Engineering Research and Technology (IJAERT), Volume 3, Issue 7, July 2015. (e-ISSN No: 2348-8190).

“Testing of Selected Microscopic Approaches of Total Bed material Load Transport for Selected Data Sets” E-proceedings of the 36th IAHR world Congress, the Hague, the Netherland”, 28th JUNE-3rd JULY, 2015.

Prof. Krutika Chauhan

Published in Journal: “comparison of principle stress in recently developed space structure connectors” In International conference on Engineering, Issues, Opportunities and Challenges for Development. (ISBN-978-81-929339-1-7)

Faculty Achievements

Prof. Nisha S. Parekh

A research paper on “A Brief History of Modern Indian Women Novelist” presented in the UGC Sponsored National Conference on English in India: Language, Literature And Pedagogy, organized by the H.M. Patel Institute of English Training and Research, in collaboration with The Global Association of English Studies, on July 16-17, 2015.

GDEC TEAM

Dr. K. N. Mistry, Principal (Dean, South Zone, GTU)

Dr. H. S. Patil, Head, Mechanical Dept.

Prof. Archana Naik, Head, Computer Dept.

Prof. Vikunj Tilva, Head, Civil Dept.

Prof. Toral Patel, Head, Automobile Dept.

Prof. Chirag Naik, Head, Electrical Dept.

Dr. S. S. Patel, Head, Applied Sci. & Huma.

Students Achievements

Utsav Soni of Mechanical Department has secured 1st rank in GREEN SOUL Event of GTU Techfest 2015.

Shivang Sevak of Electrical Department has secured 3rd rank in CIRCUITRIX Event of GTU Techfest 2015.