

GDEC NEWSLETTER

1st JULY 2014

Vol. 4

GIDC DEGREE ENGINEERING COLLEGE, ABRAMA, NAVSARI

GDEC

Upon entering the 3rd year of establishing the institution we are pleased to bring you the fourth newsletter of GDEC campus with proud achievements.

A one of a kind institution in Sanskarnagari of Navsari established under **PPP mode**. The institution is established by **GIDC Education Society** Under this scheme, along with other organizations, **Gujarat Industrial Development Corporation (GIDC)** has been selected by the State Government as a partnering organization for Engineering College in Navsari District. Accordingly, GIDC constituted the Society, namely "GIDC Education Society" which has been registered as Society under the Society Registration Act, 1860 under Registration No. GUJ:1769: Gandhinagar dated 14 - 07 - 2010 and also registered as Charitable Trust under the Bombay Public Trust Act, 1950 vide Registration No. F: 1723: Gandhinagar dated 14-07-2010. **The GIDC Education Society**, has now set up the Engineering College named as "GIDC Degree Engineering College" at Village Abrama, Taluka Jalalpure, District Navsari, which is on the pattern of Self-Financed Institutions.



STUDENT INTERNATIONAL ACHIEVEMENT

Mr. Utsav M. Soni a 3rd year mechanical engineering student participated in a renowned International Competition, "Go Green in the City 2014" organized by Schneider Electric - A global, innovative and responsible company in the month of June 2014, held at Paris. This year competition saw a record 12,581 participants from 159 countries, making the competition truly global. 803 teams from 53 countries completed the competition. In line with Schneider Electric's gender balance standards, each team was made up of two business or engineering bachelor, master students, at least one of who had to be female. Placing themselves at the forefront of current environmental issues, leading

energy company Schneider Electric gave participants the task of developing an idea for intelligent and efficient energy management for smarter cities.



Utsav Soni also received “Employer’s Choice Award” from Yvette Stortz, Vice President, Global Talent Acquisition & Mobility at Paris, France.

All applications were evaluated on the same criteria the most important

selection criteria were innovativeness of the idea relating to sustainable initiatives to reduce energy consumption and its business fit with Schneider Electric’s mission. For the first time in the competition’s history, students from all over the world could participate in Go Green in the City. During the initial stage of the competition participants also engaged in smaller contests within the competition framework and gained access to useful insights for the Smart Cities concept that would help them develop their innovative ideas. Throughout the duration of the three-month competition, the three teams with the highest score were selected as Go Green Champs and received a unique opportunity for an interview with the former competition winners or Schneider Electric mentors. At the same time participants could show their social networking skills and spread the word about Go Green in the City while competing for the Social Media Award.

CAREER GUIDANCE SEMINAR

Student awareness program were held on 3rd April 2014 and 3rd May 2014. Approximately 40 students along with their parents were participated in the seminar. The seminar was aimed to focus on “Student’s Career after 12th”

The guideline was provided by Dr. Shailesh S. Patel Associate Professor & Ishita V Panchal Assistant Professor from Applied Science and Humanities Department

Topics Covered in Seminar

- Various opportunities after 12th.
- Faculties available
- Why Engineering?
- How to choose Engineering College?
- List of all the colleges in India.
- Admission Process.
- Various entrance exams for respected faculties
- Job opportunities.

The information of GIDC Engineering College was provided by photo tour of all laboratories, class rooms, drawing halls, seminar halls, etc. After tea break a tour of GIDC Degree Engineering College was conducted personally by the relevant faculties of Mechanical, Automobile, Civil, Computer and Electrical engineering. The students later on had an interactive session to clarify their doubts and questions.

FACULTY ACHIEVEMENT

1. Dr. H. S. Patil, Associate Professor in Mechanical Department published a research paper on “Simulation of peak temperature & flow stress during FSW of aluminium alloy AA6061 for various tool pin profiles”, *International Journal of Materials Science and Engineering, International Academy Publishing, USA (ISSN:2315-4527)* Vol. 2, No. 1 / June 2014 , 67-71
2. Dr. H. S. Patil, Associate Professor in Mechanical Department published a research paper on “Stress analysis of half toroidal continuously variable transmission system”, *International Journal for Scientific Research & Development (ISSN: 2321-0613)*, Vol. 2/Issue 03/ 2014, 939-942
3. Prof. A. O. Jain, Assistant Professor in Automobile Department published a research paper on “Performance Analysis of Small Sized (below 100 cc) Engine with Supercharger using Gasoline Ethanol blend”, *International Journal of Scientific Research & Development E-Journal* Volume 2, Issue 3, May 2014
4. Prof. A. O. Jain, Assistant Professor in Automobile Department published a research paper on “Experimental Analysis of Spark Ignition Engine (Below 100 CC) with Supercharger using E10 fuel”, *International Journal of Science, Engineering and Technology E-Journal* Volume 2, Issue 4, April-May 2014

5. Prof. Chirag A. Naik, Assistant Professor in Electrical Department delivered an expert lecture on topic "Effect of Power Quality on Insulation Degradation" on 27th June 2014 in one week STTP on "Advances in High Voltage Technology" under the sponsorship of TEQIP-II organized by Electrical Department, SVNIT,

6. Prof. Sunil Jaganiya and Prof. Pritesh Rathod Assistant Professor in Civil Engineering Department attended 2 Weeks STTP on "Advances in Geotechnical Engineering" (AGE-2014) organized by Applied Mechanics Department, SVNIT, Surat.

GDEC Newsletter Edited by: Prof. Toral Patel (Assistant Professor, Automobile Department)

PATRONS: GIDC EDUCATION SOCIETY

Name of the Member	Designation in the Society	Current Position/Organization
Shri B. B. Swain , IAS	Chairman	Vice Chairman & Managing Director , GIDC, Gandhinagar
Shri Jogiyani	Member Secretary	Director (NA) & General Manager GIDC, Gandhinagar
Shri A. K. Patel	Member	Superintending Engineer GIDC, Surat
Dr. V. S. Purani	Member	Asst Professor in Applied Mechanics & Deputy Director, Directorate of Technical Education, Gandhinagar
Dr. A. K. Dave	Member	Campus Director, Bhagwan Mahavir Education Foundation, Surat
C.A Vinodchandra G. Desai	Member	Chartered Accountant Navsari
Dr.Dinkarra G. Naik	Member	Director Naran lala College, Navsari

TEAM GDEC

Dr.K.N.Mistry Principal, GIDC Degree Engineering College, Abrama, Navsari Dean, South Zone, Gujarat Technological University, Ahmedabad	Dr. H.S.Patil Head of Mechanical Engineering Department	Prof. Toral Patel Head of Automobile Engineering Department
Prof.Archana Naik Head of Computer Engineering Department	Prof. Vikunj Tilva Head of Civil Engineering Department	Prof. Chirag Naik Head of Electrical Engineering Department
Dr. Shailesh Patel, Head of Applied Science and Humanities Department		

Newsletter Published by: Dr.H.S.Patil on behalf of GDEC, Abrama, Navsari