

# Profusion'16



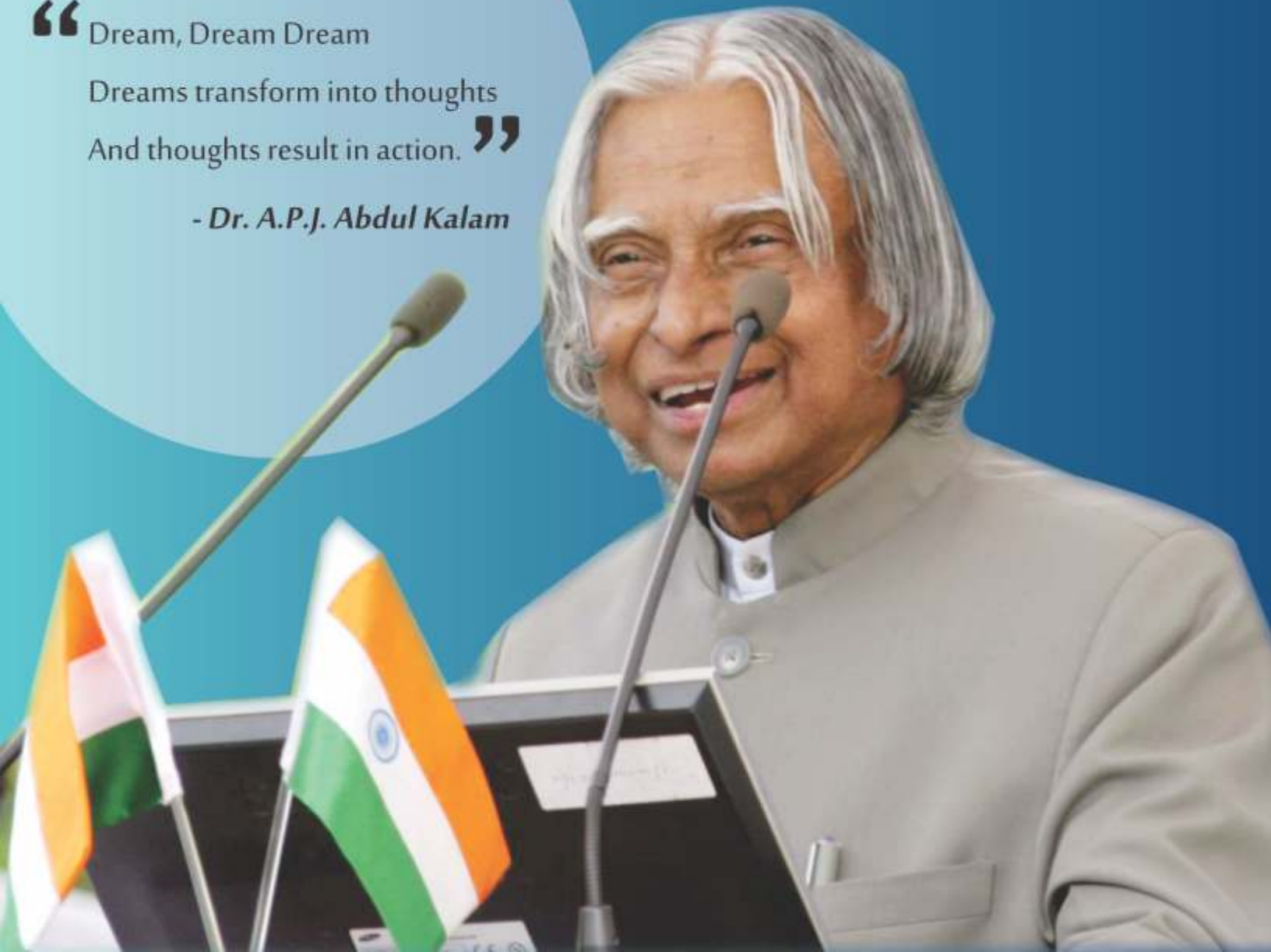
GIDC Degree Engineering College

(Managed by GIDC Education Society)

Blokck No. 997, Abrama, Tal. Jalalpore, Dist. Navsari - 396 406 Gujarat, India.  
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“ Dream, Dream Dream  
Dreams transform into thoughts  
And thoughts result in action. ”

- Dr. A.P.J. Abdul Kalam



**With Best Compliment....**

**From**

**Sachin Infra Environment Limited**

**GIDC Sachin**

# Vice-Chancellor`s Message



GTU is today recognized as a University, which is setting new benchmarks of excellence in different aspects of technical education. Let me today talk about a project, in which all the students and the Faculty Members of the GIDC Degree Engineering College, Abrama, Navsari should participate enthusiastically:

I call upon the students, Faculty Members and other stake-holders of this College to adopt the project on 'Active Learning and Creating Excitement in classes, Laboratories and Workshops' (ALCE) in a way, which transforms your College. The idea of ALCE has won a World Education Award 2013 in Higher Education on 23 April 2013. Let the Award spur us to work so that every hour in every class-room, laboratory and workshop brings the excitement of learning to you. We want both the Faculty Members and the students to work jointly for developing the courseware under the ALCE project and to put it on our web-sites. The courseware should include animations, pictures and video-clips to make it interesting. When you learn mathematics, every equation and formula should come alive through their applications in engineering. The plans for every session in the lab and workshop should bring the joy of discovery of new ideas into the learning process. Let us all work to prepare the courseware of the highest quality.

Let the engineering students of the world visit the web-site of GTU and of your College to learn engineering subjects. As all of us contribute to creating a first-rate learning environment in the College, it will build the reputation of your College and that of GTU. High reputation of a University opens up, for all its graduates, exciting opportunities.

As I said in the first paragraph, GTU is working on a number of projects and policies to change engineering education the way, it is delivered in the class-rooms. However the results of each of the projects and policies are required to be worked out by the students and the Faculty Members, with the full support of the management in every College. Please continue to visit the GTU web-site to learn and participate in these projects. I hope you will all work to make this College one of the best engineering colleges of India.

I wish the programs of Maitri Olympiads'16 (sports), Udaan' 16 (Technical) and Gunj'16 (Cultural) a grand success.

**Dr. Akshai Aggarwal**

Vice-Chancellor,  
Gujarat Technological University

# Chairman's Message



Gujarat Industrial Development Corporation (GIDC) has taken a profound initiative, namely GIDC Education Society (GES), by indulging itself into the educational field. GES is proud to be part of unique PPP (Public Private Partnership) model, which is indeed a powerful model to boost the growth of any venture of particular area.

Under PPP model GIDC Degree Engineering College (GDEC), Abrama, Navsari was initiated in the year of 2012 with 5 different undergraduate Engineering Courses Automobile, Civil, Computer, Electrical, & Mechanical Engineering.

GES has invested without any compromise for the college infrastructure, latest equipment in all department laboratories, library, IT infrastructure etc. in order to provide students and faculty an unparalleled learning experience. Through GIDC Degree Engineering College, GES is committed to provide best possible environment for the students in order to build future ready engineering professionals.

Till now GIDC has poured its expertise in the industrial realm of Gujarat; and now with GIDC Degree Engineering College we are ready to deliver industry ready professionals to the local and global industrial society.

I feel immensely proud to be part of current education era and invite all of you to taste the unique flavour prepared by collective efforts of highly skilled professionals named GIDC Degree Engineering College.

I take this opportunity through college magazine Profusion'16 to wish the staff and students of GIDC Degree Engineering College for their brightest future and adventure ahead.

**Shri. Manoj Aggarwal , IAS**

Chairman, GIDC Education Society

Vice Chairman & Managing Director, GIDC Gadhinagar.

# Secretary's Message



Whenever the name of GIDC appears the common idea that comes to once mind is big industrial estates and all sort of companies. But now onwards the common idea is going to change forever with the linkage of GIDC Education Society.

The GIDC Degree Engineering College established in 2012 is going the change this scenario forever. It gives tremendous pleasure to be connected to the educational side of the society and contribute in the development of future engineers of the society.

It is our constant effort at the GIDC Degree Engineering College to give a best in class education to the students of college. All of this becomes feasible with the help of dedicated members of GIDC Education Society; Principal, Highly qualified faculty members & skilled non-teaching staff of the GIDC Degree Engineering College.

College is approved by AICTE and affiliated to GUJARAT TECHNOLOGICAL UNIVERSITY. Being strongly linked with the industries of Gujarat, we are committed to deliver maximum benefit regarding the placement to students of the college when they step out in the real competitive world after completion of their studies.

I personally urge the students also to deliver their best and contribute to the global technological society and hence taking the goodwill of the GIDC Degree Engineering College and Education Society to up above the global skies.

I wish through Profusion'16 a very successful career ahead to all the students of degree engineering college and extend a very warm wish for the staff of college.

**Shri. G. N. Jogyani**

Member Secretary, GIDC Education Society

Director (Notified Area) and General Manager, GIDC Gadhinar.

# Member's Message



Our college is celebrating its annual day and is publishing a souvenir on the college activities and achievements during previous year. It is a matter of great honour and privilege for me to put few words for my beloved students, non-teaching staff as well as for learned and experienced expert teaching staff of the institute. In 2012, we started out with a dream in our heart to have a professional engineering education programme for students of rural area. The college is striving towards greater heights with its teamwork and concerted efforts. It is the individual and collective contribution of each member in achieving this milestone with a great sense of satisfaction and fulfilment. The Management is also very intensive to take every opportunity to create something new to develop this institute and bring it to the level of global fame.

Every person is learning since his birth. Each has their own goals and dreams which provide them a fuel to develop and make perfect life. This institute is also part of this path. This platform has very important role to prepare the students in such a way that they can stand themselves with own identity and image in the society. Our best efforts to make all success of every student in very good manner and fulfil their dreams and ambitions. This institute shall take every opportunity to develop the students and bring them at apex level of achievement by utilizing their inherent power and hidden abilities. Everyone has to prepare their own map of life which gives a definite form to our goal. Our goal shall be personal, positive, practical, time bound, measurable and to some extent flexible which inspire us to work in the right direction. The journey of our success starts from setting our goal and ends on achieving our goal.

As I look ahead, I can visualize that the college will grow in pursuit of higher standards of teaching, research, and give shape to my dreams. It will continue to serve a significant role in higher education for students of rural area and in the service of the country.

***My blessings and good wishes will always be with the college. May God give strength to continue to see this college flourishing?***

**Shri. Ajit K. Patel**

Member GIDC Education Society

Superintending Engineer, GIDC, Surat.

## Member's Message



"Technical Education is not merely acquirement of facts but also of values which help us improve the different facets of mankind. It ensures that we leave the world a far better place than we found it. The "Twentieth" century brought in an attitude of scientific analysis, it involved engineering systems. Knowledge of "Know-why" is better than merely knowledge of "Know-how" which became a catchword. Innovations are important, but problem solving became more and more science driven. A pivotal role of Technical Education lies in shaping the country by producing good quality engineers who are equipped with 21st century skills and have aptitude required for academic excellence. Engineers should not only be technically sound but also should be able to face

harmonious way. I hope GIDC Engineering Institute will provide a platform to the next generation Engineers to build the Nation in the coming years. I wish that GIDC Engineering Institute focuses on academic excellence with a goal of also producing a generation having good human values. To achieve this, I strongly believe that a paradigm shift in the minds of all stake holders should take place so that when the Institute becomes the hub to initiate and formalise technical education it has its tenets enshrined in a good value system; the extension of which is thereby taken home where it is further strengthened. I wish that GIDC Engineering Institution become a best Institute in Technical Education and provides nation world-class engineers. The Institutes is in its developing stage and I wish it flourishes well in the years to come. I also congratulate each and every member of the GIDC Engineering Institute who has contributed significantly for the compilation of the relevant records and facts for this magazine leading to successful execution of this entire activity of the Institute"

### Dr. V.S Purani

Member GIDC Education Society

Joint Director, Commissioner of Technical Education, Gandhinagar

## Member's Message



I am happy to know that "GIDC Degree Engineering College" is bringing out a new issue of its College Magazine "PROFUSION 2016". The magazine will serve as a mirror reflecting the various achievements, aspirations and new initiative of the college, its students and teachers. It is with immense pleasure and pride to recall that first batch students of GDEC are going to complete their graduation in June 2016. GDEC is expected to create a land mark in the field of engineering education, especially to train the students in such a way they justify the fundamental spirit of knowledge workers. I am proud to be a part of this institute which has such dedicated faculty and bright students. The essence of engineering education which has spread in India is a very positive sign not only to cater domestic needs but provide manpower to the entire world and become biggest technically trained community. GIDC EDUCATION SOCIETY is a venture contributing to this Endeavour.

We have started with full force to play a leading role in providing quality education for rural area students in 2012. It was vision of GIDC and Government of Gujarat to give a model of this kind first time in India and which shall contribute its role in Skill Development and Make in India. We have identified the needs of modern engineering and technology education for modern age students, with a vision and mission accompanying transparency, accountability and accessibility which keeps us well-informed and also ahead of our competitors. We want to provide a complete package of educational services to GDEC students. I believe this magazine will provide us the benchmark for continued improvement in overall development of the College. I would personally thank all those who have wholeheartedly supported GDEC in all respects. I sincerely appreciate the entire magazine team for making it a reality in releasing the college magazine "PROFUSION 2016".

### CA Vinodchandra G. Desai

Member GIDC Education Society

Chartered Accountant, Navsari

## Member's Message



I am feeling proud to congratulate you all to bring out the third edition of GIDC Degree Engineering college magazine "Profusion'16". This will provide the platform for all those who have literacy and writing skill. If the present content of Technical Education which has assumed grate role in shaping future technocrats, where soft skill is not optional but essential for the success of engineers. This magazine will also provide the opportunity to peep in the institutional activities in the field of sports and extra-curricular activities. I am sure that the team efforts of students and staff along with management will take the institute to the greater height. Once again I wish you all for future and especially for outgoing students for their grand success.

### **Dr. A.K.Dave**

Member GIDC Education Society  
Ex. Director, SVNIT, Surat.

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## Member's Message



As it is said that Quality Education is the need of the hour and more attempts towards excellence will help an institution emerge as a Centre of Excellence. With this and the outset when the Annual Magazine – "Profusion 2016" is to be published. I am glad to state the GIDC Degree Engineering College; Abrama has been working towards Quality Education since its inception. The term at college has always put in the best efforts to prepare skilled Engineers. I appreciate that many Curricular and Co-curricular activities have been organised to shape the engineers-in-making for their successful career. In addition to this, I feel that more academic or curricular activities should be planned with a view to providing more enriching and insightful hearing experiences to our students. Even, more practical work should be incorporated so that the students can apply the knowledge and learn by doing in the true sense of the term. The faculty members should also conduct and attend more Professional Development Activities of Faculty Development Programmes so that they get more insights and become better classroom practitioners. Ultimately, this will enrich the future engineers. Liaison is something that creates more avenues of development and growth for an individual or an institution and hence, the college needs to collaborate with more industries to relate the theoretical learning of the classroom with the real world. This correlation will help the would-be engineers in developing their competence as well as confidence through experiential learning. This, in a way, will mould them towards the think and reflect attitude and research-oriented work, as I feel that more researches should be conducted in the field of Engineering. If this is considered, who can stop our college from being a Centre of

### **Dr. Dinkarrai G. Naik**

Member GIDC Education Society  
Director, Naranlala College, Navsari



# Principal's Desk



The GIDC Degree Engineering is a unique college of the Nation, where the Industries and Commercial Sectors of Global Society are directly or indirectly connected with the college.

GIDC Engineering College is now running its 4th year from the date of its inception. Apart from its technical education, college has plan to enter 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.

The souvenir covers the ins and out of the college and talents of students and faculty and staff. The 1000 copies of this third souvenir will be circulated to all the students, their parents, industries and professionals.

We have nearly 1350 students enrolled so far studying Computer, Mechanical, Automobile, Electrical and Civil Engineering. College has target to educate these student not only in the academic terms but also 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 enhance the experience of faculty and in turn educate students the real-life applicabilities. College being sponsored by the GIDC education society, GIDC them-selves have more than 1 million industries and 2 million professional working in different fields. The college has the target 50% final year students will get the placement before they pass out. Rest 50% students will be motivated for higher education or technopreneurship.

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, problem solving capabilities and to work as team players.

The Hon'able Chairman, Member secretary and the members of BOG are putting tremendous effort to develop this college as the model college of the state and to meet the global demand of technocrats.

The stake holders are invited to visit the web link: [www.gdec.in](http://www.gdec.in); to know more about GDEC. We sincerely believe that the students will make the best use of opportunities to develop themselves into competent professionals, entrepreneurs and great human beings.

## **Dr. K. N. Mistry**

Principal, GIDC Degree Engineering College, Abrama

Dean, Faculty of Engineering, GTU, Ahmedabad

Chairman, The Institution of Engineers (India)-Surat Centre

Co-Chairman, GTU Innovation Council, Navasari Sankul.

# Chief Editor`s Desk



It is a matter of great pride and satisfaction for GIDC Degree Engineering College to bring out the third issue of the annual College Magazine 'Profusion-16'.

The Profusion-16 is dedicating to our former President APJ Abdul Kalam, the 'Missile Man' who came to be known as 'People's President'.

The College has made tremendous progress in all areas- academic, non-academics and capacity building relevant to staff and students.

We are confident that this issue of College Magazine will send a positive motion to the staff, students and the persons who are interested in the educational and literary activities.

A magazine is like a mirror which reflects the clear picture of all sorts of activities undertaken by the institution and develops writing skills among students in particular and teaching faculty in general. The wide-spectrum of articles in different sections gives

us a sense of pride that our students and teachers possess creative potential and original thinking in ample measures.

Meritorious students as well as students who involved in co-curricular activity of the college/university with their performance and photograph find place in the college magazine.

Messages of the personalities like the Vice Chancellor GTU, Chairman of the GIDC education society, secretary and members of GIDC education society and from the Principal's Desk boost the morale of students and staffs.

The editorial board appreciate contributors, department heads, teaching staff, non-teaching staff, library staff administrative staff and students' who have played wonderful role in accomplishing the task in record time. On behalf of editorial board, I would express my gratitude to the Chairman of the GIDC education society, Secretary and Members of GIDC education society and Principal for their keen interest and support.

## Dr. H. S. Patil

Head, Mechanical Department

|  |   |
|--|---|
| <b>Editors in Chief :</b>                                | Dr. H. S. Patil (Head, Mechanical Department)   |
| <b>Editors :</b>   | Dr. S. S. Patel (Head, Science & Humanities Department)<br>Prof. Vinkunj Tilva (Head, Civil Department)<br>Prof. Harshal Vashi( Science & Humanities Department)  |
| <b>Co-Editors :</b>                                      | Prof. Ashwin Patel (Mechanical Department)<br>Prof. Rohit Damor (Electrical Department)<br>Prof. Manali Shah (Civil Department)<br>Prof. Bhumika Patel (Computer Department)<br>Prof. Nisha Parekh (Science & Humanities Department)<br>Prof. Arpit Panchal (Automobile Department) |
| <b>Co-ordinators<br/>Advertising &amp; Sponsorship :</b> | Dr. Yogendra Tandel (Civil Department)<br>Prof. Ashish Jain (Automobile Department)<br>Prof. Dhruvang Gayakwad (Electrical Department)<br>Mr. Sanjay Patel (Administrative Office)  |
| <b>Designers :</b>                                       | Mr. Nilesh Patel (Computer Department)  |
| <b>Published by :</b>                                    | GIDC Degree Engineering College, Abrama, Navsari  |



# Editorial Board of Profusion-2016



**Editor in Chief**

**Dr.H.S.Patil (Head, Mechanical Department)**

## Editors



**Dr. S.S.Patil (Head, ASH Department)**



**Prof. Vikunj Tilva (Civil Department)**



**Prof. Harshal Vashi (ASH Department)**

## Co-Editors



**Prof. Ashwin Patel  
(Mechanical  
Department)**



**Prof. Rohit Damor  
(Electrical  
Department)**



**Prof. Bhumika Patel  
(Computer  
Department)**



**Prof. Arpit Panchal  
(Automobile  
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**Prof. Manali Shah  
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**Prof. Nisha Parekh  
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**Dr. Yogendra Tandel  
(Civil Department)**



**Prof. Dhruvang Gayakwad  
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**Mr. Sanjay Patel  
(Administrative Office)**

## Designer



**Mr. Nilesh Patel  
(Computer Department)**



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# Dynamic Management

| Name of the Member        | Designation in the | Current Position/Organization                                       |
|---------------------------|--------------------|---|
| Shri Manoj Aggarwal (IAS) | Chairman           | Vice Chairman & Managing Director<br>GIDC, Gandhinagar              |
| Shri G.N.Jogiyani         | Member Secretary   | Director (NA) & GM GIDC, Gandhinagar.                               |
| Dr. V.S. Purani           | Member             | Joint Director, Commissioner of<br>Technical Education, Gandhinagar |
| Shri A.K. Patel           | Member             | Superintendent Engineer GIDC, Surat                                 |
| Dr. A.K. Dave             | Member             | Ex. Director, SVNIT, Surat  |
| CA Vinodchandra G. Desai  | Member             | Chartered Accountant, Navsari                                       |
| Dr. Dinkarraji G. Naik    | Member             | Director, Naranlala College, Navsari                                |
| Shri. Mahadevbhai Desai   | Member             | CMD, Sthapati Designers, Navsari                                    |

## VISION & MISSION

### VISION:

To grow as a premier education and research institute in the field of Engineering with global view point and serving with world class standards conferring excellence to the engineering products through dedicated and competent Engineers.

To grow Engineering institution of excellence with the environment of commitments and continuous learning approach.

### MISSION:

To endow with teaching education at the Degree as well as Postgraduate levels to enrich the people of the country in present technical scenario.

To establish all latest facilities to produce trained engineers to fulfil the requirement of the industries and society

To provide an ideal platform for teachers, students and professionals.

To promote horizontal and vertical networking.

To improve quality of technical education with socio-economic and environmental needs of the industries and the society at large



# About the Institute

GIDC Degree Engineering College (GDEC) is a venture of Gujarat Industrial Development Corporation established in 2012 under the Public Private Partnership, a scheme of Government of Gujarat. GIDC constituted the Society, namely "GIDC Education Society" which has been registered as Society under the Society 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 institute is approved by All India Council of Technical Education (AICTE), New Delhi and affiliated to the Gujarat Technological University, Ahmedabad. The GDEC assignment is to develop a quality education system, centre of excellence with synergy to explore innate abilities of students. Institute encourage teaching & learning through innovative practices for value based education. The Institute has qualified, experienced faculty & staff to take up the responsibility of knowledge transfer, has an excellent infrastructure in environment friendly atmosphere, fully equipped laboratories with latest technology that helps the industry. The students learn engineering to take up fresh challenges of the industry & research. Involvement of industry professionals in the development of students is another area where our college is focusing with considerable success.



## Courses Offered

The GIDC Degree Engineering College, Abrama, Navsari, offers following five undergraduate courses of 4 years duration (8 semester) leading B.E. Degree:

| Branch                 | Intake |
|------------------------|--------|
| Mechanical Engineering | 120    |
| Civil Engineering      | 120    |
| Computer Engineering   | 60     |
| Electrical Engineering | 60     |
| Automobile Engineering | 60     |



# Amenities of the Institute



The Institute is having well-furnished classroom and seminar halls with smart board with projector in each department buildings accompanied with fresh air and modern teaching techniques and tools to facilitate teaching and learning process in a conducive manner- an excellent support for discussions, presentations for analysis of theoretical of talent of technocrats.



The canteen is managed by a professional caterers, is spacious and provides breakfast and lunch (mess) services. The canteen has a very good ambience and special emphasis on taste and hygiene. In case of power failure, we have the direct power backup solution in the form of a Generator Set of Kirloskar company with load capacity of 100KVA rated current 139 Amps and supply type three phase, sufficient enough to supply in the whole institute.



# Rankers of the Institute for Academic Year 2014-15

| Class      | First Rank  | Second Rank   | Third Rank  |
|------------|---|---|---|
|            | <b>Mechanical Engineering</b>   |   |   |
| B.E.-I-(A) | <br>Abraham Jerin Johnson<br>CPI-8.25    | <br>Gautam Suneetkumar V.<br>CPI-8.10      | <br>Kubadia Bhoomik Navin<br>CPI-8.08    |
| B.E.-I-(B) | <br>Satyam R. Bhadoria<br>CPI-8.12       | <br>Shah Akshaykumar A.<br>CPI-7.80        | <br>Vashi Tejas Chetanbhai<br>CPI-7.48   |
| B.E.-II    | <br>Hansraj Jugroop<br>CPI-8.86         | <br>Italiya Bhavin<br>CPI-8.18            | <br>Jayvardhan N. Nangare<br>CPI-8.07   |
| B.E.-III   | <br>Sharma Neelsai Rajesh<br>CPI-8.56  | <br>Patel Kairav Jagdishbhai<br>CPI-7.61 | <br>Variya Rohit Kurjibhai<br>CPI-7.60 |
|            | <b>Computer Engineering</b>   |   |   |
| B.E.-I     | <br>Likhia Hemanginiben V.<br>8.28 CPI | <br>Kakasania Aarti M.<br>8.23 CPI       | <br>Mistri Richa A.<br>8.05 CPI        |
| B.E.-II    | <br>Mali Hetvi V.<br>8.70 CPI          | <br>Tandell Nikitaben U.<br>8.33 CPI     | <br>Patel Bhunikaben I.<br>8.30 CPI    |





# Rankers of the Institute for Academic Year 2014-15

| Class                         | First Rank   | Second Rank   | Third Rank   |
|-------------------------------|--|---|--|
| B.E.-III                      | <br>Tandel Anjaliben C.<br>8.00 CPI     | <br>Patel Kinjalkumari B.<br>7.90 CPI        | <br>Raval Falguni S.<br>7.82 CPI          |
| <b>Automobile Engineering</b> |  |   |  |
| B.E.-I                        | <br>Sarode Vinay Rameshbhai<br>7.72 CPI | <br>Lad Keyur Nanubhai<br>7.50 CPI           | <br>Patel Devansh Sanjaybhai<br>7.17 CPI  |
|                               | B.E.-II  | <br>Padsala Divyesh Bharatbhai<br>8.12 CPI  | <br>Kathirya Dikshit Ashokbhai<br>7.83 CPI |
| B.E.-III                      |  | <br>Shah Deep Rajulbhai<br>7.32 CPI        | <br>Shingala Vimal Dhirubhai<br>7.14 CPI  |
|                               | <b>Electrical Engineering</b>  |   |  |
| B.E.-I                        | <br>Trivedi Minal<br>7.90CPI          | <br>Patel Priyank Rameshbhai<br>7.85CPI    | <br>Patel Rajatkumar A<br>7.70CPI       |
|                               | B.E.-II  | <br>Sevak Shivang Kalpeshkumar<br>8.82CPI- | <br>Parmar Umang Nareshbhai<br>8.44CPI    |



# Rankers of the Institute for Academic Year 2014-15

| Class                    | First Rank   | Second Rank  | Third Rank  |
|--------------------------|--|--|---|
| B.E.-III                 | <br>Pandav Mayur Kanubhai<br>8.06.CPI | <br>Chauhan Hirendrasinh Digvijaysinh<br>6.89 CPI | <br>Tandel Pinalkumar Kantilal<br>6.85 CPI |
|                          | <br>Keyur R. Kamariya<br>CPI-9.12     | <br>Richa A. Jariwala<br>CPI-8.33                 | <br>Kajol J. Panchal<br>CPI-8.17           |
| <b>Civil Engineering</b> |  |  |   |
| B.E.-I (B)               | <br>Kunjan J. Shukla<br>CPI-8.48     | <br>Radhika J. Patel<br>CPI-8.3                  | <br>Ahmad Younis<br>CPI-8.03              |
|                          | <br>Shivani B Patel<br>CPI-7.76     | <br>Mr. Kavlesh Chandra<br>CPI-7.71             | <br>Shivani R. Rana<br>CPI-7.68          |
| B.E.-III                 | <br>Vishesh S. Kakwani<br>CPI-7.59  | <br>Ahmed A. Jariwala<br>CPI-6.9                | <br>Dinesh D.Rajak<br>CPI-6.6            |



# Chairman's Visit to Institute

Chairman of GIDC Education Society, Shri Manoj Aggarwal, IAS has visited the college on 21st November, 2015 along with Shri G. N. Jogiyani, Shri A. K. Patel and other members of GES. Chairman sir got pleased with college campus and inspired GDEC staff. Tree Plantation was also done by him and other members. They have discussed about various activities of college and future plan.





## Desk of Head of Mechanical Department

The fundamental aspects of a Mechanical Engineering education, including hands-on experience designing and building solutions to challenging problems, remain unchanged, but the areas of application are diverse and important. The department has an energetic team of highly qualified, dedicated and experienced faculty in order to contribute to the technical education as a whole and helps mould young engineers by igniting in their minds the flame of inquisitiveness. The department has evolved a comprehensive student-centric learning approach, designed to add significant value to the learner's understanding in an integrated manner through lab sessions, assignments, training, seminars, projects and independent study. We impart quality engineering education through sound theoretical

knowledge, hands-on laboratory as well as computational skills and exposure to technological advances in the outside world. In order to meet the challenges of modern engineering education, our faculty regularly participate and publish their research papers in conferences/ journals/ seminars and also attend workshops. The department has well-equipped laboratories catering to all fields of Mechanical Engineering i.e. Basic Engineering, Machines & Mechanisms, Fluid & Hydraulic, Measurement & Metrology, Material & Metallurgy, Energy, Machine Dynamics & Vibration, Heat Transfer, CAD/CAM, Refrigeration- Air Conditioning and Central Mechanical Workshop comprising shops like - Fitting, Carpentry, Foundry & Smithy, Welding and Machine Shop etc. Various activities are conducted by the department contains experts talk from Industries / R & D organizations / Academics on various specialized subjects, Industrial Visit, conduction of seminars/workshops, paper/poster/project presentations. The students are also mentored for participation in various competitions and engineering exhibitions. The aim of department is to produce global engineers par excellence. The Department of offers four years degree course in Mechanical Engineering with an intake capacity of 120 students.

- Dr. H. S. Patil

## Teaching & Supporting Staff Members

| Sr.No | Faculty Name              | Designation                              | Qualifications                       |
|-------|---------------------------|--|--------------------------------------|
| 1.    | Dr. K.N.Mistry            | Principal                                | M.Sc.(Tribology), Ph.D. (Mechanical) |
| 2.    | Dr. H. S. Patil           | Head & Associate Professor               | M.E.,Ph.D. (Mechanical)              |
| 3.    | Dr. D. C. Patel           | Associate Professor                      | M.Tech. Ph.D. (Mechanical)           |
| 4.    | Prof. Gaurav R. Chaudhary | Assistant Professor & Workshop In charge | M.Tech.(CAD/CAM)                     |
| 5.    | Prof. Chirag V. Patel     | Assistant Professor                      | M.E (CAD/CAM)                        |
| 6.    | Prof. Mayur R. Patel      | Assistant Professor                      | M.Tech.(CAD/CAM)                     |
| 7.    | Prof. Jigar K. Patel      | Assistant Professor                      | M.E (Thermal)                        |
| 8.    | Prof. Daksh R. Tandel     | Assistant Professor                      | M.E.(Cryogenics)                     |
| 9.    | Prof. Hariketan B. Patel  | Assistant Professor                      | M.E.(CAD/CAM)                        |
| 10.   | Prof. Ashvin D. Patel     | Assistant Professor                      | M.E.(Thermal)                        |
| 11.   | Prof. Nitin Z. Patel      | Assistant Professor                      | M.Tech.(IPED)                        |
| 12.   | Prof. Anant B. Lad        | Assistant Professor                      | M.E.(Metallurgy)                     |
| 13.   | Prof. Keyur C. Patel      | Assistant Professor                      | M.E.(I.C./Auto)                      |
| 14.   | Prof. B S Naik            | Assistant Professor                      | M.E.(Thermal)                        |
| 15.   | Prof. Ashvini R. Rana     | Assistant Professor                      | M.E.(Thermal)                        |
| 16.   | Prof. Sandeep K Lad       | Assistant Professor                      | M.Tech.(Manufacturing)               |
| 17.   | Prof. Krunal T Tandel     | Assistant Professor                      | M.E.(Industrial)                     |
| 18.   | Hitesh N. Patel           | Lab Assistant                            | DME,DEE                              |
| 19.   | Mr. Jatin Patel           | Lab Assistant                            | DME                                  |
| 20.   | Mr. Brijesh Patel         | Lab Assistant                            | DME                                  |
| 21.   | Diviyesh Patel            | Workshop Technician                      | ITI(Fitter)                          |
| 22.   | Bhavesh Tandel            | Workshop Technician                      | ITI(Welder)                          |
| 23.   | Kiran Nayaka              | Workshop Technician                      | TI(Fitter)                           |
| 24.   | Ismail Saiyad             | Workshop Technician                      | ITI(Carpenter)                       |
| 25.   | Bhavin Patel              | Lab Attendant                            | Agricultural Diploma                 |
| 26.   | Bhargav Shukla            | Lab Attendant                            | ITI(Instrumentation)                 |





## Desk of Head of Computer Department

Our age is very well known as an Information Age. In this Era, it is a challenging task to deliver the highly skilled professional to the e-society. The focus of our department is to produce the Computer Engineers who are very well capable to be compatible and competitive in continuously and rapidly evolving IT Industry. In this race of competition, it is mandatory to make the students be well-aware with ethics of industry in order to be a responsible corporate professional or an educationalist. So at the department it is our constant effort to deliver a future ready computer engineer to the world. At the same time faculty of the department are also dedicated to keep them up to date as in our discipline updates comes more frequently compared to other disciplines. Hence Faculty developments programs are also encouraged at similar scale. Computer Engineering Department is one of the five departments of our college, which has emerged into a very sophisticated section in a very small period of time. The major attraction of the department is its well-equipped, high quality resources and facilities for the students and staff to utilise and at the same time gain and imparts knowledge. Each member of the department is well-educated and experienced. The faculty is involved with the performance of each student and is dedicated to providing extra help when necessary. The Computer Department offers a very promising future for its students in the field of Software Development and Information Technology. The Department is having well established and spacious laboratories with High-End Desktop Computers, License Software, and Structured Furniture. The Department regularly invites eminent personalities of various industries to conduct seminars and lectures. This helps students gain a better understanding of the current situation of the industry as well as gain information on varied topics ranging from latest trends to developments in the automation field. Faculty members are from different specialization of Computer Engineering with a good blend of IT industry as well as teaching experience. We teach our students to think innovative and create new technologies based software projects to both the development and the application of engineering technology. Our academic faculties – all are with leadership quality in their specialized fields. Computer Engineering Department consists of 12 Teaching faculty and 04 Non-Teaching faculties. All our faculties are experienced in the core areas like Soft Computing, Networking and Information Security, Image processing, Operating Systems, Web Technology & Development, Data mining, Software Engineering etc.

- Prof. Archana Nayak

### Teaching & Supporting Staff Members

| Sr. No. | Name               | Designation                         | Qualification                    |
|---------|--------------------|-------------------------------------|----------------------------------|
| 1       | Archana M. Nayak   | Assistant Professor & Head of Dept. | ME (Computer )                   |
| 2       | Kaushik S. Patel   | Assistant Professor                 | M.Tech. (Computer )              |
| 3       | Kaushal T. Kevadia | Assistant Professor                 | ME (Computer )                   |
| 4       | Hetal M. Patel     | Assistant Professor                 | ME (Computer)                    |
| 5       | Brijesh U. Patel   | Assistant Professor                 | M.E (Computer.)                  |
| 6       | Pankti S. Naik     | Assistant Professor                 | M.Tech. (Information Technology) |
| 7       | Bhumika H. Patel   | Assistant Professor                 | M.E (Computer.)                  |
| 8       | Mihir A. Mishra    | Assistant Professor                 | M.Tech. (Computer.)              |
| 9       | Vibhuti P. Patel   | Assistant Professor                 | M.Tech. (Computer)               |
| 10      | Kushal D. Patel    | Assistant Professor                 | M.Tech (Computer)                |
| 11      | Avani P. Patel     | Assistant Professor                 | M.E (Computer)                   |
| 12      | Pragnesh A. Patel  | Assistant Professor                 | ME (Computer.)                   |
| 13      | Himanshu R. Patel  | Lab Assistant                       | BE (Computer)                    |
| 14      | Nilesh G. Patel    | Lab Assistant                       | Diploma(Computer)                |
| 15      | Amruta S. Naik     | Lab Assistant                       | Diploma (Computer)               |
| 16      | Viral I. Patel     | Lab Assistant                       | ME (Computer)                    |
| 17      | Harish L. Patel    | Lab Attendant                       | S.S.C.                           |





## Desk of Head of Civil Department

A team of qualified and experienced staff members to serve the best of their knowledge for the students up gradation. Efforts of continuous hard work to improve upon the quality of education and also to maintain its position of leadership in Engineering and Technology.

Civil engineering is considered to be the most versatile branch among all the branches. It consists of large number of real life applications as compared to other fields of

Engineering and Technology. Department consists of well-developed laboratories equipped with instruments for **Material testing, Soil testing, transportation engineering and environment engineering.** Expert lectures, seminars and workshops are also conducted by inviting experienced and knowledgeable faculties from the various institutes in order to make the students aware of the various on-site and off-site existing difficulties with the best possible solutions for them. Tours and Visits are also conducted. Department consists of around 16 members in teaching staff and 3 members in non-teaching staff having Specialization in various fields of Civil Engg. such as Structure Engg., Transportation Eng., Urban Planning, Water Resources Management and Geotechnical Engg., serving best of their knowledge for the welfare of the society through proper training of the civil students.

- Prof. Vikunj K. Tilva

### Teaching & Supporting Staff Members

| Sr. No. | Staff Name           | Designation                         | Qualification                           |
|---------|----------------------|-------------------------------------|---|
| 1       | Vikunj K. Tilva      | Assistant Professor & Head of Dept. | M.E. (Structure Engg.)                  |
| 2       | Nilesh R. Parmar     | Assistant Professor                 | M.Tech (Structure Engg.)                |
| 3       | Sunil V. Jaganiya    | Assistant Professor                 | M.Tech (Structure Engg.)                |
| 4       | Pritesh R. Rathod    | Assistant Professor                 | M.Tech (Structure Engg.)                |
| 5       | Dr.YogendraTandel    | Assistant Professor                 | PHD (Geotechnical Engg.)                |
| 6       | Kevin R. Patel       | Assistant Professor                 | M.Tech(Transportation Engg. & Planning) |
| 7       | Rajankumar J. Lad    | Assistant Professor                 | M.E. (Transportation Engg.)             |
| 8       | Nileshkumar B Rathod | Assistant Professor                 | B.E. (Civil Engg.)                      |
| 9       | Uttejana Chaudhari   | Assistant Professor                 | B.E. (Civil Engg.)                      |
| 10      | Mihirkumar B Naik    | Assistant Professor                 | M.E. (Construction Management)          |
| 11      | Pinank R Patel       | Assistant Professor                 | M.E. (Town and Country Planning)        |
| 12      | Hemangini T Patel    | Assistant Professor                 | M.E. (Transportation Engg.)             |
| 13      | Mehul k Gamit        | Assistant Professor                 | M.Tech (Urban Planning)                 |
| 14      | Manali S. Shah       | Assistant Professor                 | M.E. (Water Resources Management)       |
| 15      | Yamini J. Kanthariya | Assistant Professor                 | M.Tech (Urban Planning)                 |
| 16      | Krutika A Chauhan    | Assistant Professor                 | M.E. (Structure Engg.)                  |
| 17      | Anita P. Patel       | Lab Assistant                       | Diploma Civil Engg.                     |
| 18      | Hemali J. Patel      | Lab Assistant                       | Diploma Civil Engg.                     |
| 19      | Vikram G. Patel      | Lab Assistant                       | B.E. (Environment Engg.)                |
| 20      | Sailesh A. Patel     | Lab Attendant                       | S.S.C.                                  |





## Desk of Head of Automobile Department

To produce most competent engineers with learning facilities comparable to world class standards designing and manufacturing of modern fuel efficient, aerodynamic and ecofriendly automobile systems through innovative ideas and practices. In this ultra-modern universe, the automobile has almost become the life line of modern man. Life has become unimaginable without the automobile. It has become a luxury turned necessity. It has come to symbolize the essence of a modern industrial society. In the fast changing advanced and advancing scientific world of today, automobile engineering has immense scope and holds even unpredictable better prospects in future. It is an undeniable fact that everyone runs on wheels and needs the power of a well maintained engine for his comfort. Automobile industry is not only affluent but has a bright future too. There is a world of job opportunities in the automobile realm. To cater to the needs of ever expanding needs of the automobile industry, the department proposes an ever progressing process of learning and skill development to the eager students by providing bachelor program in Automobile Engineering with a yearly intake of 60 students. Our department consists of 8 Teaching faculties and 3 Non – teaching faculties from different specialization of Automobile as well as Mechanical engineering with a good blend of industry as well as academic experience. All our faculties are well experienced in their core areas such as I.C. Engines, Automobile Technology, Performance and Emission control, Alternate Fuels, Thermal, Machine Design, Automotive Electronics and CAD-CAM. The department consists of a well-equipped labs like Automobile Engine Lab (Engine Performance and Emission Testing), Automobile system lab, Vehicle Performance Testing and Maintenance Lab, Computer Aided Engineering Lab, Physics Lab, Automotive Control System lab, Fuels and Engine Tribology Lab, Automobile Design Lab, Light duty vehicles lab and the software packages available in the department include Pro-E, CATIA, Uni-graphics, ANSYS,..., etc for the faculties and aspiring students to pursue their research and project work. Frequent industrial visits to renowned industries, Conducting guest lecturers and quiz programs, Conducting Automobile modeling workshops for development of designing skills, arranging various in-plant training to get more practical knowledge are one of the key activities which are provided for our young automobile students.

- Prof. Toral V. Patel

### Teaching & Supporting Staff Members

| Sr.No. | Name             | Designation                 | Qualification                       |
|--------|------------------|-----------------------------|-------------------------------------|
| 1      | Toral V. Patel   | Asst. Prof. & Head of Dept. | M.Tech (Thermal Engg.)              |
| 2      | Ashish Jain      | Assistant Professor         | M.E.(I.C.Engines)                   |
| 3      | Ankit K. Patel   | Assistant Professor         | M.E.(Automobile)                    |
| 4      | Sunil R. Khokhar | Assistant Professor         | M.E.(Machine Design)                |
| 5      | Hardik R. Tandel | Assistant Professor         | M.E. (CAD-CAM)                      |
| 6      | Vimal S. Patel   | Assistant Professor         | M.E.( Jet propulsion & Gas turbine) |
| 7      | Dhiren P. Patel  | Assistant Professor         | M.E. (Automobile)                   |
| 8      | Arpit D. Panchal | Assistant Professor         | M.Tech (I.C.Engines)                |
| 9      | Manoj U. Patel   | Lab Assistant               | Diploma in Mechanical               |
| 10     | Dixit R. Patel   | Lab Assistant               | B.E. (Mechanical)                   |
| 11     | Anil Patel       | Lab Attendant               | S.S.C.                              |





## Desk of Head of Electrical Department

As an Electrical Engineer, an individual can kick start his career in the fields of drawings and specification, design, development and implementation of products or systems, research to create prototypes of new products and usages. These professionals are required by many industries in large numbers for instance, television, computer, fans, motors, refrigerators, consumer durables et.

The department grew with time, reflecting the needs of a changing society and established new areas of teaching & research in electrical engineering. Electrical Engineering is an exciting job where an engineer works on the cutting edge of technology all the time. This emerging branch assists a student to know the history of electricity and its latest technology. In the curriculum of this engineering, it provides practical knowledge and ways of improvement in technology. The Department of Electrical Engineering has been actively engaged in teaching and research in diverse fields of Electrical Engineering. With excellent faculty, the Department of Electrical Engineering offers undergraduate programme. The Department has well equipped laboratories such as Elements of Electrical Engineering laboratory, Electrical Machines laboratory, Electrical and Electronics workshop, Control Systems laboratory, Digital Electronics laboratory, Microprocessor and microcontroller laboratory, Circuit and Network laboratory, Electrical Measurements laboratory, Power Electronics & Drives Laboratory, & Computer laboratory. Department is strong with most of faculty members holding Master's degree and expertise in various fields of Electrical Engineering.

- Prof. Rajesh T. Patel

## Teaching & Supporting Staff Members

| Sr.No | Name                 | Designation                     | Qualification                              |
|-------|----------------------|---------------------------------|--|
| 1     | Rajesh T. Patel      | Asst. Professor & Head of Dept. | M.Tech. (Industrial Electronics)           |
| 2     | Dhaval K. Patel      | Assistant Professor             | M.E. (Electrical Engineering)              |
| 3     | Ketan K. Lad         | Assistant Professor             | M.E. (Electronics & Communication)         |
| 4     | Bhavesh S.Patel      | Assistant Professor             | M.E. (Automation & Control/Power System)   |
| 5     | Rohit B. Damor       | Assistant Professor             | M.Tech.(Power electronics, Machine&Drives) |
| 6     | Dhruvang R.Gayakwad  | Assistant Professor             | M.Tech. (Electrical Power Systems )        |
| 7     | Khyati N.Naik        | Assistant Professor             | M.Tech. (Electrical Power System)          |
| 8     | Keyur H.Patel        | Assistant Professor             | M.E. (Automation & Control/Power System)   |
| 9     | Jay R. Desai         | Assistant Professor             | M.E. (Electronics &Communication)          |
| 10    | Bhavin S.Trivedi     | Assistant Professor             | M.E. (Power Electronics)                   |
| 11    | Dharmishtha T. Patel | Assistant Professor             | M.E. (Electronics & Communication)         |
| 12    | Apeksha Desai        | Lab Assistant                   | Diploma in Mechanical / Electrical         |
| 13    | Chetna Patel         | Lab Assistant                   | Diploma in Electronics & Telecom.          |
| 14    | Heli Mohak Desai     | Lab Assistant                   | Diploma in Electronics & Telecom.          |
| 15    | Kamlesh Sonwane      | Lab Assistant                   | Diploma in Electrical                      |
| 16    | Nikunj Chaudhari     | Lab Attendant                   | B.Com., MSW.                               |







## Desk of Head of ASH Department

A strong high-rise building can be built only on a strong foundation, which signifies the importance of the Department of Applied Sciences and Humanities. The Department enhances knowledge in subjects like Engineering Mathematics, Engineering Physics, Communication Skills, and Management etc. Well educated, talented and dedicated Faculty and Staff Members are the backbone of this department. In addition to the primary teaching duties, some of them have their publications in National as well as International Journals of repute, some of them are also pursuing their Ph. D. for attaining perfection in their profession Since, the Applied Sciences & Humanities subjects are the foundation subjects for all the branches of engineering and technology, the vision of our department is to enhance & empower the scientific temperament of the students through the knowledge of core courses of the Applied Sciences & Humanities. The purpose of inducing the subjects of Applied Sciences & Humanities in Engineering study is to lay a solid foundation of basic concepts for innovative future with limitless opportunities. Therefore, the department acts as an active catalyst to develop perfect approach to unlock their hidden talent, personality and communication skills to fulfil the needs of budding technocrats. The teaching module comprises of lectures, tutorials and practical along with various other initiatives. Faculty members perform the role of a perfect facilitators mentor to each section. The methodology adopted in the classroom teaching is based on the application of innovation strategies, comprehensive lectures, regular assignments and active interaction between teachers and students. The department is equipped with state-of-the-art facilities such as Physics Lab, Language Lab with internationally accepted multilingual software, etc.

- Dr. Shailesh S. Patel

## Teaching & Supporting Staff Members

| Sr.No | Name                  | Designation              | Qualification                     |
|-------|-----------------------|--------------------------|-----------------------------------|
| 1     | Dr.Shailesh S. Patel  | H.O.D. & Associate Prof. | M.Sc. , Ph.D. (Mathematics)       |
| 2     | Mr.Harshal G. Vashi   | Assistant Professor      | B.E. (I & C), M.B.A. (H.R.)       |
| 3     | Dr.Kaushal K. Thakkar | Assistant Professor      | M.Sc., Ph.D. (Physics)            |
| 4     | Ms.Mansi K. Desai     | Assistant Professor      | M.Sc.(Mathematics), Ph.D.Pursuing |
| 5     | Ms.Megha K. Tailor    | Assistant Professor      | M.Sc.(Mathematics), Ph.D.Pursuing |
| 6     | Ms. Ishita Panchal    | Assistant Professor      | M.B.A. (H.R.)                     |
| 7     | Ms.Nisha Parekh       | Assistant Professor      | M.A. (English), M.Phil.           |
| 8     | Mr. Harshit Naik      | Assistant Professor      | M.Sc. (Mathematics)               |
| 9     | Ms. Hetal H. Patel    | Lab Assistant            | M.Sc. (Physics)                   |
| 10    | Mr. Bhavin Patel      | Lab Attendant            | H.S.C                             |



# Administration Centre

Transparent method of operation and hassle free work environment is a backbone of any department. Administration is a bridge between management and all the stake holders of the college. The college administrative department is committed to perform the entire task related to student like admission and all the other day to day matters, affiliation with university, extension of approval from AICTE, Recruitment of qualified & efficient staff, maintenance and enhancement of manpower and management of all accounting matters.

## Administration Staff - GIDC Degree Engineering College

| Sr.No. | Name               | Designation              | Qualification |
|--------|--------------------|--------------------------|---------------|
| 1      | Naik Ritesh R.     | Administrative Assistant | B.B.A.        |
| 2      | Patel Sanjay T.    | Accountant               | M. Com, LLB   |
| 3      | Shukla Darshan N.  | Admin Clerk              | B. Com, MBA   |
| 4      | Patel Manish S.    | Admin Clerk              | B. Com, LLB   |
| 5      | Desai Jigna J.     | Admin Clerk              | B. Com        |
| 6      | Desai Nirav N.     | Store Keeper             | B. Com        |
| 7      | Patel Parimal R.   | Electrician              | I.T.I.        |
| 8      | Patel Sunil N.     | Attendant                | H.S.C         |
| 9      | Deshmukh Gautam A. | Attendant                | H.S.C         |
| 10     | Patel Priti P.     | Attendant                | H.S.C         |

## Staff Associated with GES, GIDC, Vapi

| Sr No | Name                 | Designation                     |
|-------|----------------------|---------------------------------|
| 1     | Shri D. M. Patel     | Executive Engineer              |
| 2     | Shri N. V. Patel     | Executive Engineer - Mech/Elect |
| 3     | Shri Ashokbhai Dholi | Deputy Executive Engineer       |
| 4     | Shri Digant K. Lad   | Assistant Engineer              |

## Administration staff of GIDC Education Society, Gandhinagar

| Sr No | Name              | Designation                 |
|-------|-------------------|-----------------------------|
| 1     | Shri K.R. Makwana | Assistant Manager. GIDC     |
| 2     | Ms.Aarohi Shah    | Assistant, N.A. Branch GIDC |
| 3     | Mr. P.C. Sharma   | PA to VC & MD, GIDC         |
| 4     | Ms.SugathaMenon   | PA to VC & MD, GIDC         |
| 5     | Mr P.M Makwana    | Peon, N.A. Branch,GIDC      |



# Central Library

Library is the heart of the institute; it is a belief to facilitate production & dissemination of knowledge, information, insights & intellect in all communities. Be it an academic program or a business program, the participants are facilitated with the latest reading resources from all over the world. Our Collage Library is well equipped with books of all courses, sciences & humanities, management and entrance examinations. The library functions under the open access system. National, International journals and magazine are being subscribed in our library. The library has an online journal, E-books, and NPTL videos. Our library is fully furnished with all facilities like reprography, computer system with internet facility. Seating capacity of the library is around 130 students.

## Library Book Details:

| No.of Books            | Titles : 1348  | Volumes : 6192 |
|------------------------|--|----------------|
| Journals & Periodicals | International Journal                                  | 10             |
|                        | National Journal/Magazine                              | 4              |
| E Journal              | DELNET   |                |
| Newspaper              | 5 (English & Gujarati)                                 |                |
| Total number of CD/DVD | 219  |                |
| Software               | SOUL 2.0 software connected with INFLIBNET, Ahmedabad. |                |

## Library Staff :

| Sr. No. | Name                 | Designation         | Qualification                                     |
|---------|----------------------|---------------------|---|
| 1       | Miss.Ami S. Patel    | Librarian           | M.Phil (Library & Information Science),<br>M.Lib. |
| 2       | Mrs.Priyanka S. Kher | Assistant Librarian | M.Lib.  |
| 3       | Mrs.Hemlata ben Ahir | Lab Attendant       | B.A   |
| 4       | Mrs. Shital Patel    | Peon                | B.A   |



## GTU INNOVATION COUNCIL NAVSARI

GTU has accorded GTU Innovation Sankul Navsari to "GIDC Degree Engineering College, Abrama, Navsari. This is an innovative initiative to bring students, academicians and industries together on common platform. Student's innovative and creative attitude will be nurtured to solve problems of industries in a structured and systematic manner. GDEC has taken up the challenge in this GTU new venture. The meeting of Navsari GTU Innovation Sankul was held on 13th March, 2015 at the institute, Meeting was chaired by, Collector of Navsari district Ms. Remya Mohan Moothadath (IAS) , Dr. K. N. Mistry and Mr. Pankajsinh Thakor, Co-Chairmen academics and industries for innovation council. The principal from Engineering/ Pharmacy/ MBA / MCA were present in the meeting. The meeting was attended by our trustee members Mr. A. K. Patel, Dr. A. K. Dave, peoples from various industries Mr. P. S. Roy (CEO, Drivz), Mr. Shivkumar (Satyam Engineers), Mr. Devang Desai (EM Tech Fabrication), Mr. Nilay Desai (Owner, Novatech Engineers), Mr. Mehul Panwala (NHB Bearings), Mr. Suraj Savalia (Patson Foods Pvt. Ltd.), Mr. Rajesh Doshi (VWETCL), Mr. Digant Lad,( GIDC, Gundlav). Ms. Remya Mohan shared her insights about bridging the gap between industry and academia. She discussed strategies and techniques implemented by government of India showing the active role of policy makers in an innovation process. She also talked about "Make in India" policy initiated by our visionary Prime Minister Mr. Narendra Modi. Academic peoples conferred about the role of engineering colleges in the improvement of society through innovation, knowledge regarding the need of industries and expectations from academia, research experiences, and some insights about design engineering. Industry peoples discussed about the actual expectation of industries from the future technocrats, how small scale industry play an important role in strengthening the concept of innovation.



Ability

# Career Guidance and Awareness Programme

Cooperation

The institute organized the Career Guidance programme on 05-05-2015. Number of students and their parents had attended the programme. Principal Dr. K.N.Mistry discussed about carrier opportunities after 12th science. The other guidance was provided by Dr. Shailesh Patel and Prof. Ishita Panchal of ASH department. The career guidance programme broadens learners' awareness of career options after 12th science in engineering they have discussed about various entrance examinations for getting admission engineering courses in IIT, NIT, government, self-financed colleges. They also discussed about admission guide line through ACPC in Gujarat state for government, government aided and self-financed colleges, their fee structures, available seats.

Success

Leadership

Contacts

Career

Learning

Hard working

Job

Knowledge

CV



# 1<sup>st</sup> International Yoga Day

International day of yoga is also called as the world yoga day. UN General Assembly has declared 21st of June as an International Yoga Day on 11th of December in 2014. The declaration was done after the call by our Prime Minister, Narendra Modi to the United Nations General Assembly on 27th of September in 2014 during his address to the UN General Assembly.

It is celebrated on international level by organizing the activities like yoga training campus, yoga competitions and so many activities to enhance the awareness about yoga benefits among common public all over the world. It is celebrated to let people know that regular yoga practice lead to the better mental, physical and intellectual health. It positively changes the lifestyle of the people and increase the level of well-being. The institute also celebrated 1st international yoga day on 21st June with the support of Ms Manjuben yoga instructor from Art of Living. She explain why Yoga is very necessary and how it is beneficial for all human being if it is practiced by all on daily basis in the early morning. Participated faculties, students did stretching, bending and breathing exercise. This programme was coordinated by Dr.S.S.Patel, HarshalVashi, Bhavesh Patel, Sunil Jaganiya, Pankti Naik



# Women Empowerment Week

Chief Minister of Gujarat Smt. Anandiben Patel announced 1st to 15th August as women empowerment weeks in a state. The government would undertake a state wide awareness drive for women during this period to educate women against issues affecting them, such as domestic violence, harassment of women and other social evils. Empowering women is the main motto of the development department because an empowered mother with child makes the bright future of any nation.

In supportive of this, college has made a significant footstep towards women empowerment and organised Self-defence program on 11-Aug-2015 for female staff and students. Invited expert trainer Mr. Mukesh Parmar elucidates about- to identify woman's risks and evaluate their strengths, and to explore their options for dealing with the threat of violence."

The event was Co-ordinated by Prof. Archana Nayak (Computer Dept.), Prof. Toral Patel (Automobile Dept.) with the support of Amruta Naik , Apexa Naik and Hemali Patel.



## Digital India Week

on 1st July, 2015, the Digital India Week was launched by the Prime Minister Shri Narendra Modi with a view to empower the people of the country through the Digital India Programme and aims at encouraging people's involvement and creating awareness among them.

Digital India Programme has been envisioned as an ambitious umbrella programme to transform India into a digitally empowered society and knowledge economy. It comprises of various initiatives under the single programme each targeted to prepare India for becoming a knowledge economy and for bringing good governance to citizens through synchronized and co-ordinated engagement of the entire Government.

The institute was celebrated Digital India Programme from 2nd to 7th July, with full zeal and enthusiasm. Faculty members and students visited nearby high-secondary school to give awareness about Digitization in Technical Education and various E-services. Institute allotted digital locker ID to faculty members and students. On 6th Jul 2015, in awareness program, invited speaker Mr. Bhautik Sheth, a Founder of IVIPANAN Digital Marketing and Management Services, shared the knowledge on Digitization and Cyber Security.

This programme was coordinated by Prof. Archana Nayak in coordination with staff members Prof. Harshal Vashi, Prof. Ishita Panchal, Prof. Hardik Tandel, Prof. Ut-tejana Chaudhari, Prof. Pankti Naik, Prof. Khyati Naik, Prof. Keyur Patel, Mr. Manoj Patel, Ms. Hemali Patel, Mr. Viral Patel, Ms. Heli Naik, Mr. Hitesh Patel.

# Digital India 2015

An initiative towards Digitizing India





# Independence & Republic Day

The GIDC engineering college gives tribute to our nation on 15<sup>th</sup> August 2015 and 26<sup>th</sup> January 2016. The chief guest Shri U.N. Jadeja, Mamlatdar, Jalajpore Taluka hoisted the national flag on 15 August 2015. After flag hoisting, chief guest Shri U.N. Jadeja, guest of honour Shri Pankajsinh Thakor and our trustee member Shri. A.K. Patel, Shri. A.K. Dave, Shri. Vinodbhai Desai, addressed our students and staff.

On 26<sup>th</sup> January 2016 the national flag was hoisted by our trustee member Shri A.K. Dave. After flag hoisting, invited guest Shri Hardik Naik, Shri Jignesh Desai, Shri Pankajsinh Thakor and our trustee member Shri. A.K. Patel, Shri. A.K. Dave, Shri. Vinodbhai Desai, addressed our students and staff. Our final year students presented their project work to the invited guests & our trustee members.



## Thalassemia awareness and Screening Test programme

Institute has been arranged Thalassemia awareness and Screening Test programme on 20/08/2015 under Thalassemia Prevention Programme run by Indian Red Cross Society, Ahmedabad. About 300 students were counselled and tested thalassemia. The programme was coordinated by Dr. H. S. Patil with support of Dr. Shailesh S. Patel, Ankit K. Patel, Bhumika H. Patel, Hitesh N. Patel, Mr. Jatin Patel, Mr. Brijesh Patel, Diviyesh Patel, Bhavesh Tandel, Kiran Nayaka, Ismail Saiyad, Amruta S. Naik, Nilesh G. Patel, Manoj U. Patel, Anita Patel



Plot No. C-1, Second Floor, Mahaveer Complex, Green Park Soc.,  
Opp. SMC Swimming Pool, Honey Park Road, Adajan, Surat-9  
Cell. 77780 11410, 77780 11411



REDDY • CARDIO • STRENGTH  
**SUNSTAR GYM**



# VEND EXPO 2015

The institute participated in National Vendor Development Program cum exhibition "VEND EXPO 2015" during 18th to 20th December, 2015 organised by The Micro Small & Medium Enterprise - Development Institute, (MSME-DI) office, Ahmadabad and Surat Engineering Vikas Association at Convention Centre, Sarsana, Surat. Large number of public sector under-takings and various other large, medium and small enterprises were participated. "VEND EXPO-2015", enabled, one to one meet between Public Sector Undertakings officials and Micro Small & Medium Entrepreneurs, also provide a great opportunity & common platform to bring together the buyers & sellers' i.e. central government ministries/departments as well as center government public sector undertakings, State Government PSU & vendors i.e. Micro & Small Enterprises Principal, Dr. K. N. Mistry, and Dr. D. C. Patel, from mechanical department presented about the resources available and various services provided by the institute in support of the industries. Many teaching faculties, non-teaching staff and students of GIDC Degree Engineering College were present at VEND EXPO 2015. Prof. Anant Lad, Prof. Gopal Agarwal, Prof. Bhavin Trivedi & Prof. Jay Desai, Prof. Nilesh Parmar, Prof. Manali Shah and Prof. Mehul Gamit, Prof. Kaushal Kevadia, Prof. Kushal Patel, Mr. Himanshu Patel, Mr. Viral Patel and Mr. Nilesh Patel, Prof. Arpit Panchal, Prof. Sunil Khokhar & Mr. Manoj Patel Prof. Harshal G. Vashi, Prof. Mansi Desai, Prof. Ishita Panchal & Prof. Nisha Parekh, Mr. Sanjay Patel, Mr. Ritesh Naik & Mr. Nirav Desai & Mr. Gautam Deshmukh.



# Faculty Achievement

## Dr. K N Mistry

- Delivered expert talk on “**Tribo-Chemistry of Valve Train Mechanism**” in STTP on Fundamentals of Tribology and its applications on 07/12/2015 at G H Patel College of Engineering V. V. Nagar.
- Invited as guest in ISTE workshop on **Challenges and Opportunities in Technical Education in the Era of Sustainable Development at CGPIT, Bardoli** on 27/10/2015
- Delivered expert talk in One Day Workshop on “**Quality Research for Ph. D. and M. Tech Students of GTU**”, Organised by GTU & the Institute of Engineers, Gujarat State Centre In Collaboration with GIDC Degree Engineering College-Navsari at Chandkheda, Ahmedabad on 5th March, 2016

## Dr. H.S.Patil

- Published a book for UG course in mechanical engineering on “**Machine Design & Industrial Drafting**” with Nirali Prakashan, Pune. (ISBN: 978-93-5164-985-4.)
- Nominated as Editorial Committee Member of International Scientific Research Organizations Journal

## Dr. Shailesh S. Patel

- Published a book for UG course in engineering on “**Numerical & Statistical Methods for Computer Engineering**” with Atul Prakashan, Ahmedabad.
- Published a book for UG course in engineering on “**Numerical & Statistical Methods for Civil Engineering**” with Atul Prakashan, Ahmedabad.

## Dr. Kaushal K. Thakkar

- Published International book on “**Static and dynamic Properties of Baryons and Hyper nuclei**” with Lambert Academic Publishing House, Germany. (ISBN: 978-3-659-71507).

## Prof. Shah Manali S.

- Provided with gold medal as branch topper in GTU for M.E. degree in Water Resources Management-2015. Honoured with the certificate and gold medal by the Gujarat Institute of Civil Engineers and Architect (GICEA) in Ahmedabad for the Master Degree in Water Resources Management-2015 as branch topper in GTU.

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|--|--|
|  <p><b>SHANKAR SHAMWAN</b><br/>(02637) 258642<br/>98250 99121</p> <p><b>COLLEGE STORE</b><br/><b>BOOKS &amp; STATIONERY WHOLE SELLER</b><br/>TOPIWALAMANSION, OPP. GARDACOLLEGE, SAYAJI ROAD,<br/>NAVSARI - 396 445 (GUJ.) PH. (02637) 258642<br/>E - mail :- collegestorenavsari@gmail.com</p> | <p><i>With Best Wishes from</i></p>  <p><b>PUBLISHER of an extensive range of academic textbooks for</b></p> <p><b>ARTS   SCIENCE   COMMERCE<br/>ENGINEERING   PHARMACY<br/>MANAGEMENT   TEACHER EDUCATION<br/>M.P.S.C., SET/NET   GENERAL BOOKS<br/>REFERENCE BOOKS</b></p> <p>Abhyudaya Pragati, 1312 Shivaji Nagar, Off J.M. Road, Pune 411005.<br/>Ph. (020) 25512336/7/9 • Fax. (020) 2551 1379</p> <p>E-mail: <a href="mailto:nirali@pragationline.com">nirali@pragationline.com</a> Website: <a href="http://www.pragationline.com">www.pragationline.com</a><br/>Also find us on  <a href="http://www.facebook.com/niralibooks">www.facebook.com/niralibooks</a></p> |
|--|--|



## Conferences/Seminars/STTPs/Workshop Attended/Participated

| Faculty Name  | Event Name   | Organized by                                   | Organized on Date               |
|---|--|--|---------------------------------|
| Daksh R Tandel  | Participated in FDP on Design Engineering  | GTU  | 19-22 FEB 2016                  |
| Daksh R Tandel  | Participated in Paper presented In National conference on "Recent advances in Engineering      | UTU, BARDOLI                                   | 29-30 MAY 2015                  |
| Anant Lad   | Participated in Paper presented In National conference on "Recent advances in Engineering      | UTU, BARDOLI                                   | 29-30 MAY 2015                  |
| Dr.Kaushal K. Thakkar<br>Bruhad S Naik  | Participated in workshop on Challenges and Opportunities in Technical Education in the Era     | CGPIT, Bardoli                                 | 27/10/2015                      |
| Prof. Nisha S. Parekh   | One day Workshop on Rethinking on Contents and Pedagogy of CPDP                                | GTU, Ahmedabad                                 | 14th February, 2016             |
| Hariketan B Patel<br>Keyur C Patel<br>Bruhad S Naik<br>Mr. Hardik Tandel<br>Mr. Arpit Panchal<br>Mr. Sunil Khokhar<br>Mr. Ashish Jain<br>Ms. Toral Patel<br>Mr. Ankit Patel<br>Kaushik S. Patel<br>Kaushal T. Kevadia<br>Brijesh U. Patel<br>PanktiNaik<br>Bhumika H. Patel<br>Mihir A Mishra<br>Pragnesh A Patel<br>Kushal D. Patel<br>Avani P. Patel<br>Vibhuti P. Patel<br>Viral I Patel<br>AmrutaNaik<br>Nilesh Patel | Moodle-Open Source Learning Platform   | GDEC, Navsari                                  | 19th September, 2015            |
| Mr. Sunil Khokhar   | Faculty Development Program for "Design Engineering"   | GTU Innovation Council                         | 21st to 24th September, 2015    |
| Mr. Hardik Tandel   | CREO with Design & Analyst   | SSASIT   | 15th -19th Dec, 2015            |
| Archana M. Nayak  | National Symposium on Internet of Things   | Computer Department                            | 15th February 2016              |
| Avani Patel   | International Conference on Women in Science &Technology                                       | GTU in collaboration with BVM, VV Nagar        | 29th January 2016               |
| Kaushik S. Patel  | Big Data and Advanced Video Compression  | SVNIT, Surat                                   | 29th June - 3rd July,           |
| Hetal M. Patel<br>Brijesh U. Patel  | Python Programming   | FETR,Bardoli                                   | 20th Dec - 24th Dec, 2015       |
| Mihir Mishra  | AICTE workshop on Stakeholders   | AICTE  | 5th October 2015                |
| Kushal Patel<br>Pragnesh Patel  | ISTE workshop on Challenges and Opportunities in Technical Education in the Era of Sustainable | CGPIT, Bardoli                                 | 27th October 2015               |
| Mihir A. Mishra   | Advanced Network Simulation using NS-3   | Computer Department<br>UkaTarsadia University, | 21st Dec, 2015 - 23rd Dec, 2015 |



| Faculty Name                       | Event Name   | Organized by  | Organized on Date       |
|------------------------------------|--|---|-------------------------|
| Bhumika H. Patel<br>Pankti S. Naik | Scope Research in Image Processing and Futuristic Trends in Soft Computing | Electronics & Communication, Computer                                 | 18th January 2016       |
| Kushal D. Patel<br>Viral I. Patel  | Latest Trends in Wireless Communication                                    | Department of Electronics & Communication Engg.                       | 22 - 23rd January, 2016 |
| Brijesh U. Patel                   | Design Engineering   | GTU   | 3rd Sept., 2015         |
| Mr. Ketan K.Lad                    | Exploring 32-bit microcontroller for power electronics application         | SVNIT-SURAT   | 21-25 December-2015     |
| Mr. Dhruvang Gayakwad              | Energy efficient motors.   | ERDA, GEDA,IEEE Gujarat chapter and south Gujarat productive council, | 27-02-2015              |
| Mr. Rajesh Patel                   | Implementation of Power Electronics System.                                | SVNIT,Surat   | 7-11 Dec, 2015          |

## Research Publications in Journals/Conferences:

| Faculty Name                               | Title of Paper   | Journal/Conference  | Published Date |
|--|--|---|----------------|
| K.C. Patel<br>H.B. Patel                   | Application of ANOVA Method In Optimizing The Parameters Of Drilling Process Of Sandwich                   | International Journal for Scientific Research & Development     | Mar-2015       |
| K.C. Patel<br>H.B. Patel                   | Experimental Performance Evaluation of R134a And Its Low GWP Hydrocarbon Alternatives In Domestic          | International Journal for Scientific Research & Development     | Mar-2015       |
| Patel M. R.                                | Numerical Analysis of Flow Characteristics and Different Equivalence Ratio for Combustion Chamber of       | INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH &                 | June-2015      |
| A.B.Lad<br>D.R. Tandel                     | The Kaizen Philosophy For Industries :A Review Paper   | National Conference on Recent Advances in Engineering for       | May-2015       |
| Ashvini Rana                               | Experimental Investigation Of Heat Transfer Enhancement Of Heat Pipe Using Silver/Water                    | University Journal of Research (UJR), Ganpat University, Volume | September,2015 |
| K. T. Tandel                               | Lead Time Reduction In Manufacturing Process of Welded Pipe Fitting  | International Conference on Industrial Engineering(ICIE-2015),  | Nov-2015       |
| Kaushik Patel<br>Archana M. Nayak          | Extensive Survey of Video Compression Technique  | International Journal for Scientific Research & Development     | August 2015    |
| Brijesh Patel<br>Archana M. Nayak          | Improvement in the strength of RSA algorithm using Bits Randomize  | International Journal for Scientific Research & Development     | August 2015    |
| Brijesh Patel                              | A New Security Protocol using Symmetric, Asymmetric Cryptography Algorithm & Hash Algorithm in Parallelism | International Journal for Scientific Research & Development     | May 2015       |
| Bhumika Patel<br>Hetal Patel<br>PanktiNaik | Review on FI Mining Algorithms   | International Journal of Engineering Research & Technology      | November 2015  |
| Viral Patel                                | Energy Aware Clustering Using PSO and Multi hop  | International Journal for Scientific                            | December 2015  |
| Avani Patel<br>Archana M. Nayak            | Women Empowerment- a long struggle   | International Conference on Women in Science &Technology:       | January 2016   |



| Faculty Name                                     | Title of Paper   | Journal/Conference   | Published Date            |
|--|--|--|---------------------------|
| Toral V. Patel                                   | "Performance and Emission Analysis of CI Engine using Coconut Biodiesel"   | National Conference on Recent Advances in Engineering for                                  | 22nd -23rd May, 2015      |
| Hardik Tandel                                    | "Importance of CAD tool like Auto-CAST to foundry by design simulation analysis on the case study"   | IJSRD (International Journal for Scientific R&D)   | June, 2015                |
| Vimal Shingala                                   | Nitinol Chassis: Accidental car chassis free charge  | IJSRD (International Journal for   | February, 2016            |
| Nisha S. Parekh                                  | Paper presented on "A Brief History of Modern Indian English Women Novelists" in National conference on English in India: Language, Literature And Pedagogy  | H.M. Patel Institute of English Training and Research, Vidhyanagar                         | 16-17, July 2015          |
| Nisha S. Parekh                                  | Paper presented on "Handling of Myth: A Study of Girish Karnad's Play" in International conference on the Contemporary Research in English Studies: Global   | Global Association of English Studies  | 4,5,6 February, 2016      |
| Nisha S. Parekh                                  | Paper presented on "Representation of Social Change: A Critical Study of ShobhaDe's Sisters and Sultry Days" in International conference on the Contemporary Research in English Studies: Global Perspective | Global Association of English Studies  | 4,5,6 February, 2016      |
| Dr.Kaushal K. Thakkar                            | 60th DAE_BRNS Symposium on Nuclear Physics<br>Published paper on "Excited Mass Spectra of $\Sigma$ Baryon" in Proceedings of the Department of Atomic Energy-BRNS Symposium on Nucl. Phys. 60: 688 (2015).   | BARC, Mumbai and SSSIHL, Andhra Pradesh  | Dec. 7-11, 2015           |
| Vikunj Tilva<br>Sunil Jaganiya                   | Effect on Compressive strength of concrete by using demolition material  | Engineering Issues Opportunities and challenges For Development                            | 11th april, 2015          |
| Vikunj Tilva<br>Sunil Jaganiya<br>Pritesh Rathod | "Study on compressive strength of concrete by using waste material"  | International Journal of Advanced Research in Engineering science and Technology (IJAREST) | Feb, 2016                 |
| Sunil Jaganiya<br>Pritesh Rathod                 | "Experimental study on the effect of Ultra-Fine Particles on Concrete"   | International Conference on Advances in Engineering Research (ICAER).                      | Accepted 20-21st Feb      |
| Sunil Jaganiya                                   | "Enhancement in concrete due to ultra-fine Particles"  |  |                           |
| Manali S. Shah                                   | "Analysis of microscopic approaches of total sediment load transport"  | HYDRO 2015--- 20th International Conference on Hydraulics, Water                           | Nov. 2015                 |
| Manali S. Shah                                   | "Evaluation of Non-Uniform Bed Load transport Rate for Steep slope Gravel Bed River"   | "International Research Journal of Engineering and Technology"                             | July, 2015                |
| Manali S. Shah                                   | "Applicability of Bagnold's (1966) Approach for Total Load Transport Rate"   | "International Journal of Advanced Engineering Research and                                | 7th July, 2015            |
| Pinank Patel                                     | "Navsari as a smart City"  | National conference on Sustainable and Smart cities (SSC-                                  | 10th and 11th April, 2015 |
| Pinank Patel                                     | "Review Paper for Smart City"  | International Journal of Advanced Research in Engineering, Science                         | 5th February,2015         |
| Pinank Patel                                     | "Company Town"   | Journal of Emerging Technologies and Innovative Research (JETIR)                           | January, 2015             |



| Faculty Name    | Title of Paper   | Journal/Conference   | Published Date   |
|-----------------|--|--|------------------|
| Krutika Chauhan | "Comparision of principal stresses in recently developed space structure connectors" | Engineering: issues, opportunities and challenges for development (EIOCD)                  | 11th april, 2015 |
| Mihir Naik      | "Review on innovative formwork system"   | International Journal of Advanced research in Engineering science and Management (IJARESM) | March, 2015      |
| Mihir Naik      | "Ranking to the factors affecting contractor performance using RII method"           | International Journal of Futuristic Trends in Engineering and Technology (IJFTET)          | May, 2015        |

## Revenue Generation by the Institute

GIDC Degree Engineering College is in facility agreement with Tata Consultancy Services (TCS) since 01-09-2014. Under this agreement Computer Engineering Department has successfully hosted many online examinations in collaboration with TCS for RBI UIICL , NIA, NABARD, JEE, BOB, LIC, RRB, People's Bank, DDDNH Police ,CMAT . Institute also has an agreement with Aptech Ltd. for hosting the CMAT-2016 exam at the college campus and Computer Department executed the same with its proven expertise. About Rs. 6 Lacs revenue has been generated by Computer Department under guidance of Principal Dr. K. N. Mistry and leadership of Ms. Archana M. Nayak. Prof. Archana M. Nayak work as Test Centre Administrator with dedicated team of Kaushik Patel, Kaushal Kevadia, Brijesh Patel, Pankti Naik, Bhumika Patel, Mihir Mishra, Kushal Patel, Avani Patel, Himanshu Patel, Amruta Naik, Nilesh Patel, Viral Patel, Harish Patel as well as other supporting staff for consultancy services.

*With Best Compliments from.....*



**V. S. Kotadia**

GOVT. APPROVED CLASS 'AA'  
CONTRACTOR & SURVEYOR

**:: HEAD OFFICE ::**

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## Seminars & Workshop Organized

- Computer Engineering Department organized seminar regarding the “Cisco Networking” & “Soft Skill Development” for final year and pre-final students on 19th December, 2015. Useful seminar for students to get bright future opportunity in networking after graduation. 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.
- One-day workshop on “Moodle - Open Source Learning Platform” on 19th September 2015 was organized by Computer Engineering Department for all the faculty members of GIDC Degree Engineering College.
- Automobile 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, 28th September, 2015.
- On 16th April 2015, Civil Department organized one day technical seminar on “Basics of cement and concrete mix design” presented by Ultra tech cement Pvt. Ltd. under the coordination of Asst. Prof. Vikunj Tilva, Asst. Prof. Sunil Jaganiya and Asst. Prof. Pritesh Rathod . Around 80 students participated in the seminar.
- On 6th & 7th May 2015, Civil Department Organized two days software workshop on “StaadPro. Software” by IIT Bhuneshwar under the coordination of Asst. Prof. Vikunj Tilva, Asst. Prof. Sunil Jaganiya and Asst. Prof. Pritesh Rathod (faculties of civil department). In this workshop, 45 students of 6th semester and 5 outside college students and 1 Professional Engineer attended the workshop. Also, a competition on software of StaadPro was conducted , all the participant appreciated and certificate were provided to the winners.
- GIDC Degree Engineering College had organised two week workshop on "Improving Employability Skills" in association with Navsari Management Association during January 2016. This workshop is specially arranged for final year students of all engineering branches. Shri M. M. Patel from NMA played the role of core faculty of this workshop. This workshop will help our students to perform well in placement programs as well as in competitive exams. The programme was coordinated by Prof. Nilesh Parmar of civil engineering department.



# Student Achievement

## Parth Alpeshbhai Vashi ( 6th Sem, Mechanical dept.)

- 1st (Gold Medal) in JUDO -73 kg weight category at khokhara sports complex Ahmedabad 12/12/2015
- 3rd in District level khelkhumbh 7/1/2016
- Selected and participated in all India inter university championship at Bhuvenshwar Orissa during 23/12/2015 - 29/12/2015

## Mishra Dipesh Shyamji (8th Sem, Electrical dept.)

- GTU Sports Spirit Table tennis tournament as a Captain of GDEC team
- 2015 - 2ND Khel-mahakumbh (Table Tennis) in Navsari District
- 2015 - 3rd rank in GTU sports spirit 2015 in inter zonal tournament at ITM Universe,Vadodra
- 2015 - Represented Navsari District in state level Khel-mahakumbh (Table Tennis) at Gandhidham(Bhuj)

## Sevak Shivang Kalpeshkumar (6th Sem, Electrical dept.)

- 2015 - Got 1st place in MAZOPRIME on TechFest at held at CGPIT, UTU, Bardoli (SCICLONE 2015)
- 2015 - Got 1st place in circuitmania on TechFest at held at CGPIT, UTU, Bardoli (SCICLONE 2015)
- 2015 - Won 1st prize in circuitrix zonal 2015gtu techfest, SCET ,Surat, Gujarat – India
- 2015 - got 2nd rank in roborace at gidc degree engineering college
- 2015 - got 1st rank in circuit fault finding at gidc degree engineering college

## Desai Dev P. (4th Sem, Electrical dept.)

- GTU Sports Spirit Table tennis tournament as a team member of GDEC team
- 2015 - Runner up in GTU sports spirit 2015 in Surat Zone at SCET,Surat
- 2015 - 3rd rank in GTU sports spirit 2015 in inter zonal tournament at ITM

## Kakwani Vishesh Sunil, Patel Niravkumar Ishverbhai, Patel siddharth Babubhai (8th sem, Civil dept.)

- Secured 2nd Rank, Got Award and Prize of Rs.3000/- at UltraTech - Sparkling Stars - An inter college ePoster Presentation Competition held at SVNIT on 16.02.2016,Surat.

## Vispute Dhaval P., Shaikh Mohammedrizwan M., PurohitJitendra P. (8th sem, Civil dept.)

- Secured 4th Rank, Got Award and Prize of Rs.3000/- at Ultra Tech - Sparkling Stars - An inter college ePoster Presentation Competition held at SVNIT on 16.02.2016, Surat.

## Ahmed Abubakar Jariwala (8th sem, Civil dept.)

- Accepted paper for International Conference on Advances in Engineering Research (ICAER).



## Expert Sessions at Institute

Institute had arranged expert session on "Journey of Life- Know thyself" and "Silent Killer" for all First Year Engineering Students on 12th October, 2015. The session was delivered by Dr. Sanjay Shah, Chief Medical Officer, S.V.N.I.T., Surat.

Mechanical department & Placement centre had arranged expert session on "Training & Placement" for all Final Year Students and "Operations Research" for Students of Mechanical Engineering on 12th October, 2015. The session was delivered by Dr. D. B. Naik, Ex. Professor, Training & Placement, S.V.N.I.T., Surat.





॥ श्री गणेशाय नमः ॥  
॥ श्री गणेशाय नमः ॥



# GALILEO DURS AND TRAVELS



ફોન ઉપર બુકિંગ કરાવો.

ડેઈલી સર્વિસ ૨ x ૧ સ્લીપર કોચ

સુરતથી ઓલ ઉત્તર ગુજરાત બુકિંગ તથા અરજન્ટ પાર્સલ સવિધા

૨x૧, ૩x૨, ટવેરા, ઈનોવા, સ્લીપર કોચ,  
મીની બસ, AC/ Non AC ગાડી ભાડે મળશે.

લગ્ન, ગૃપ પ્રવાસ, સ્કુલ, કોલેજ, પ્રવાસ, પીકનીક નું સફળતા પૂર્વક રહેવા જમવા સાથે આયોજન કરી આપીશું.

સુરતથી ઓલ ઉત્તર ભારત તથા દક્ષિણ ભારતનું રહેવા જમવા સાથે આયોજન કરી આપીશું.

સુરત :- ઠેડ ઓફીસ  
૧, વિસત એપાર્ટમેન્ટ,  
શાસ્ત્રીનગર મેઈન રોડ, ખરોદરા.  
ફુલાલભાઈ  
મો. ૯૭૧૪૯ ૭૭૦૦૦  
મો. ૯૭૨૩૧ ૦૭૦૦૦

ગાંધ્ય :-

L-16, સવેરા કોમ્પ્લેક્સ, રોકડીયા હનુમાન મંદિરની સામે, ઉધના નહેર, સુરત  
દિ.નોરાભાઈ  
મો. ૯૭૨૩૨ ૦૭૦૦૦  
મો. ૯૯૯૮૮ ૩૩૨૭૭

..... માત ધિતા ગૃપ .....

# Chammunda

# INDUSTRIAL VISITS

| S.No. | Name Of Industry  | Class                | Date of Visit        |
|-------|---|----------------------|----------------------|
| 1     | Volkswagan Plant, Pune  | BE-III Automobile    | 16th March, 2015     |
| 2     | Naran Lala Pvt. Ltd.<br>Nr. Railway Station, Navsari                                  | BE-II Mechanical     | 18 April 2015        |
| 3     | Industrial Training Institute, Surat  | BE-III Automobile    | 29th September, 2015 |
| 4     | Automotive Research Association Of India (Arai), Pune                                 | BE-IV Automobile     | 10th October, 2015   |
| 5     | BISAG(Bhaskaracharya Institute For Space Applications & Geo-Informatics), Gandhinagar | BE-II Computer       | 17th October, 2015   |
| 6     | Microsoft Technology Centre & Southern Electronics Pvt Ltd., Bangalore                | BE-III/IV Computer   | 8th January, 2016    |
| 7     | Sardar Patel Renewable Energy Research Institute (Spreri), Vallabh Vidyanagar         | BE-III Automobile    | 27th January, 2016   |
| 8     | Gas Base Power Station, Uttran, Surat   | BE-III/IV Mechanical | 20th February, 2016  |
| 9     | Shree Ambica Auto (Tata Trucks & Bus Workshop), Kamrej, Surat                         | BE-IV Automobile     | 26th February, 2016  |
| 10    | Sardar Sarovar Narmada Nigam Ltd, Kevadia Colony, Navagam                             | BE-II/III Electrical |                      |
| 11    | Kakrapar Atomic Power Station   | BE VI Electrical     | 07-01-2016           |
| 12    | Hydro Power Plant , Ukai Dam  | BE-III Electrical    | 10-04-2015           |
| 13    | Abu-Ambaji site visit   | BE-II Civil          | 1st-4th April, 2015  |
| 14    | Site visit of Abrama school construction  | BE-III Civil         | April 2015           |
| 15    | Sardar Sarovar dam  | BE-III Civil         | November 2015        |



# TRAINING AND PLACEMENT CELL

As the College is managed by the GIDC Education Society, which has been promoted by the Gujarat Industrial Development Corporation, having 182 Industrial Estates across the State and numbers of large, Medium and Small Scale Industries situated in these estates, there will be huge opportunity of placement for the students of this College. The Training and Placement Cell (T & P Cell) facilitates the process of placements for graduate students at the institute, besides collaborating with prominent organizations in setting up of internship and training program of students. The placement policies and other related activities are handled by Training & Placement Cell, assisted by Professor In-charge. Placement Committee is closely co-opted in implementing these policy decisions. The process of coordination with recruiters is handled by the T & P Cell. The companies are encouraged to communicate with Training & Placement Officer for initial discussions and subsequent communication.

Job offers, dates of interviews, selection of candidates etc. are announced through the Training & Placement Office. The T & P Cell office is well equipped to support all placement procedures including Pre- Placement Talk, interviews and group discussions.

Facilities available at T&P Cell:

- Seminar Hall and lecture theatres for PPT.
- Well-equipped discussion rooms for interviews and group discussions.
- IT support for placement activities.

## Training & Placement Team

**1.Prof. Harshal G. Vashi,**

I/C Training & Placement Officer

Assistant Professor in Applied Sciences & Humanities Department,

Email: tnp@gdec.in Phone: +91- 9725146684, 02637-229040

**2.Dr.Dilip C. Patel,** Co-ordinator,

Mechanical Engineering Department

**3.Prof. Nilesh R. Parmar,** Co-ordinator,

Civil Engineering Department

**4.Dr.Yogendra K. Tandel,**

Co-ordinator, Civil Engineering Department

**5.Prof. AshishO. Jain,** Co-ordinator,

Automobile Engineering Department

**6.Prof. Mayur R. Patel,** Co-ordinator, Mechanical

Engineering Department

**7.Prof. Hardik Tandel,** Co-ordinator,

Automobile Engineering Department

**8.Prof. Rajan J. Lad,** Co-ordinator,

Civil Engineering Department

**9.Prof. Kaushal T. Kevadia,** Co-ordinator, Computer

Engineering Department

**10.Prof. PanktiNaik,** Co-ordinator,

Computer Engineering Department

**11.Prof. DhruvangGayakwad,** Co-ordinator, Electrical

Engineering Department

**12.Prof. KhyatiNaik,** Co-ordinator,

Electrical Engineering Department

**13Ms.Jigna J. Desai,** Co-ordinator, Administration

Department



## Synergy Knowledgeware

702 – A, Prakruti Pearl, Opp. Bayer House, Hiranandani Estate, Patlipada, Thane (w) - 400607  
Email: synergyknowledgeware@gmail.com, Tel: +91-9757477822/9867155063/9987487067



# Technical - Udaan 2015

Udaan'15 was celebrated on 11-12 Feb. 2015 . Students were invited from colleges from all over Gujarat State. Various technical events like Robo war, Robo Race, AutoCAD, C Programming competition, Web Application design, field strikers etc. and non-technical events like NFS, Treasure Hunt were organized. The event was co-ordinated by Dr. Dilip Patel, Prof. Kaushik Patel, Prof. Harshal Vashi. Students from various engineering colleges participated in this events.



## Memorable Moments of Winner of Uddan 2015

| S.No | Event                      | Participant's Name           | Branch     | Semester | Rank       |
|------|----------------------------|------------------------------|------------|----------|------------|
| 1    | Treasure Hunt              | Utsav Dixit                  | Automobile | 2nd      | Winner     |
|      |                            | Shreyash Parekh              |            |          |            |
|      |                            | Tarang Desai                 |            |          |            |
|      |                            | Amit Maurya                  |            |          |            |
|      |                            | Dhruvish Patel               |            |          |            |
|      |                            | Rajesh Goswami               | Civil      | 2nd      | Runners UP |
|      |                            | Ankit Mishra                 |            |          |            |
|      |                            | Vashi Alay                   |            |          |            |
|      |                            | Nisha Tandel                 |            |          |            |
|      |                            | Sarika Solanki               |            |          |            |
| 2    | LAN Game(NFS)              | Parmar Bhagirath             | Computer   | 4th      | Winner     |
|      |                            | Avtani Mitesh                | Computer   | 6th      | Runners Up |
| 3    | Virtual Placement          | Mustafa A. Ghasia            | Civil      | 6th      | Winner     |
|      |                            | Tanishq D. Sharma            | Civil      | 4th      | Runners Up |
| 4    | Poster Presentation        | Yash Naik                    | Computer   | 4th      | Winner     |
|      |                            | Patel Nilay                  | Automobile | 4th      | Runners Up |
| 5    | C competition              | Bhadaria Satyam              | Mechanical | 2nd      | Winner     |
|      |                            | Kanpara Dharmendra           | Computer   | 6th      | Runners Up |
|      |                            | Mehta Gajanan                | Computer   |          |            |
| 6    | Working Model (Electrical) | Kansara Shubhang Gautam      | Electrical | 6th      | Winner     |
|      |                            | Mistry Kevalkumar Pravinbhai |            |          |            |
|      |                            | Patel Vatsalkumar            |            |          |            |
|      |                            | Patel Harshkumar Mohanbhai   |            |          |            |
|      |                            | Tandel Pinalkumar Kantilal   | Electrical | 6th      | Runners Up |
|      |                            | Patel Axaybhai Ashvinbhai    |            |          |            |
|      |                            | Patel Snehalkumar            |            |          |            |
|      |                            | Patel Sehulkumar Pravinbhai  |            |          |            |
| 7    | Auto cad                   | Shah Deep                    | Automobile | 6th      | Winner     |
|      |                            | Tandel Shivang               | Automobile | 6th      | Runners Up |
| 8    | Robo Race                  | Gavle Prashant               | Mechanical | 6th      | Winner     |
|      |                            | Chaudhari Chinmay            |            |          |            |
|      |                            | Pakhariya Vishwa             | Electrical | 4th      | Runners Up |
|      |                            | Marathe Pankaj               |            |          |            |
|      |                            | Sevak shivang                |            |          |            |
|      |                            | Upadhyay Rishabh             |            |          |            |



| S.No. | Event                        | Participant's Name         | Branch     | Semester | Rank       |
|-------|------------------------------|----------------------------|------------|----------|------------|
| 9     | Technical Quiz (Civil)       | Kakwani Vishesh            | Civil      | 6th      | Winner     |
|       |                              | Vispute Dhval              |            |          |            |
|       |                              | Vivek Desai                | Civil      | 4th      | Runners Up |
|       |                              | Raithatha Madhav           |            |          |            |
| 10    | Field Strikers (CIVIL)       | Rathod vivek               | Civil      | 4th      | Winner     |
|       |                              | patel shivani              |            |          |            |
|       |                              | patel priyanka             |            |          |            |
|       |                              | Patel Yash                 | Civil      | 4th      | Runners Up |
|       |                              | Desai Divy                 |            |          |            |
|       |                              | Shah Ashit                 |            |          |            |
| 11    | LAN Game(COD)                | Parmar Bhagirath           | Computer   | 4th      | Winner     |
|       |                              | Parmar Bhargav             |            |          |            |
|       |                              | Avtani Mitesh              |            |          |            |
|       |                              | Mehta Gajanan              |            |          |            |
|       |                              | Pakhariya Vishwa           | Electrical | 4th      | Runners Up |
|       |                              | Marathe Pankaj             |            |          |            |
|       |                              | Patel Niraj                |            |          |            |
|       |                              | Patel Dhruvad              |            |          |            |
| 12    | Robo war                     | Rathod Sunil               | Electrical | 6th      | Winner     |
|       |                              | Sukharam Tejas             | Mechanical | 6th      |            |
|       |                              | Patel Karn                 |            |          |            |
|       |                              | Khernar Ketan              |            |          |            |
|       |                              | Parmar Ankit               | Automobile | 4th      |            |
| 13    | Circuit Fault Finding        | Sevak Shivang Kalpeshkumar | Electrical | 4th      | Winner     |
|       |                              | Prajapati Hardikkumar      |            |          |            |
|       |                              | Savani Bhaumik             |            |          |            |
|       |                              | Doctor Mohamad Shafi M     | Electrical | 4th      | Runners Up |
|       |                              | Patel Dhruvad Yogesh       |            |          |            |
| 14    | Automobile Design & Modeling | Brijesh D Patel            | Automobile | 6th      | Winner     |
|       |                              | Kansara Subhang            | Automobile | 6th      | Runners Up |
|       |                              | Tandel Rahul               |            |          |            |
| 15    | Web Application Design       | Kevadia Ashish             | Computer   | 6th      | Winner     |
|       |                              | Patil Vaibhav              | Computer   | 6th      | Runners Up |





# SPORTS - Maitry Olympiads 2015

GIDC Degree Engineering College, Abrama- Navsari has been organizing Sports Week every year within the college campus. Equipments and Kits are provided by the college to organize such grand event within the campus. Last year in Sports Week – Gunj 2015, maximum number of students had participated in various games viz. Cricket, Volleyball, Table tennis, Chess, Carom and Running – 100 mts and relay race making the event Success with joy, enthusiasm and sportsmen-ship. All the events were completed successfully and peacefully under the guidance of Faculty Sports Co-ordinators. Every year students of our college are participating in the Event “SPIRIT” of GTU at Zonal Level. The event was coordinated by Prof.G.R.Chaudhary & Prof. N.R.Parmar.



## Winners and Runners-up of Sports - 2015

| S.No | Event            | Winner   | Runner's up   | Total Student |
|------|------------------|--|---|---------------|
| 1    | Cricket          | <b>3rd Year Computer</b>   | <b>1st Year Mech - 2</b>  | <b>300</b>    |
|      |                  | 1.Rahul Parmar<br>2.Henish Modi<br>3.Jay Tandel<br>4.Gavin Patel<br>5.Krupal Patel<br>6.Bhavik Gajdhar<br>7.Janak Parathe<br>8.Bhavik Pandav<br>9.Vicky Patel<br>10.Jatin Patel<br>11.Siddharth Prasad<br>12.Lomesh Parmar<br>13.Nikhil Rana | 1.Manthan Patel<br>2.Vicky Patel<br>3.Rajdeep Patel<br>4.Shubham Patel<br>5.Neel Patel<br>6.Parth Raval<br>7.Nilay Patel<br>8.Vimal Patel<br>9.Mubarak Shaikh<br>10.Kishan Vanjara<br>11.Vividh Patel |               |
|      |                  | <b>Man of the Match</b> - Rahul Parmar<br><b>Man of the series</b> - shubham patel<br><b>Best Batsman</b> - Bhavik Gajdhar   |   |               |
| 2    | Cricket          | <b>Civil</b>   |   | <b>22</b>     |
|      |                  | 1.Patel Kinjal M.<br>2.Patel Rinal<br>3.Patel Drashti<br>4.Patel Shivani<br>5.Patel Krutika<br>6.Patel Manali<br>7.Patel Jinal<br>8.Zalavadiya Sweta<br>9.Patel Foram<br>10.Patel Jasmini<br>11.Patel Priyanka<br>12.Patel Riya              |   |               |
| 3    | Volleyball       | <b>3rd Year Electrical</b>   | <b>2nd Mech</b>   | <b>140</b>    |
|      |                  | 1.Tandel Prasankumar Prakashbhai<br>2.Tandel Ankitkumar Harishbhai<br>3.Tandel Vinitkumar Jayeshbhai<br>4.Tandel Jigarkumar Ramchandra<br>5.Tandel Jenalkumar Bhagwandas<br>6.Patel Denishkumar Jayantibhai                                  | 1.Vatsal Nareshbhai Patel [C]<br>2.Hiral Bhaskarbhai Patel [Wc]<br>3.Vaidik Manojbhai Tandel<br>4.Pinkesh Balvantbhai Tandel<br>5.Mehul Rajeshbhai Tandel<br>6.Keyur Manharbhai Tandel                |               |
|      |                  | <b>Player of Tournament</b> - Prasant Tandel (6h Elect)<br><b>Best Smasher</b> - Vatsal Patel (4th Mech)<br><b>Best defender</b> - Hiral Patel<br><b>Best Lifter</b> - Denish Patel ( 6th elect)   |   |               |
| 4    | Volleyball Girls | <b>3rd Year Computer</b>   |   |               |
|      |                  | 1.Divya Chaudhri<br>2.Krupali Pandya<br>3.Urvashi Patel<br>4.Falguni Raval<br>5.Drashti Goswami<br>6.Dhavni Mistry   | -----   |               |



| S.No. | Event               | Winner  | Runner's up  | Total Student |
|-------|---------------------|---|--|---------------|
| 5     | Chess               | Kishan Vanjara MECH(CLASS-2) 1st  | Chovatiya Jaydeep AUTO 2nd   | –             |
| 6     | Chess girls         | Prajapati Krupa   |  |               |
| 7     | Carrom              | Jigar Tandel, Rahul Tandel<br>Year Electrical   | 3rd Patel Gavin, Modi Henish<br>(3rd year Computer)                            |               |
| 8     | Carrom Girls        | Patel Riddhiben Dipakkumar, Detroja Lina  |  |               |
| 9     | Table Tennis        | Dipesh Mishra<br>(3rd Year Electrical)  | Devansh Patel<br>(1st Auto)  | 24            |
| 10    | Table Tennis Double | Dipesh Mishra (3rd Year Electrical)<br>siddharth gohil (1st civil)                      | Devansh Patel(1st Auto)<br>Dev desai (1st Ele)                                 | 8             |
| 11    | Table Tennis Girls  | Manali Patel (1st civil)  |  | 5             |
| 12    | 1 Mini              | Bhumika Patel (2nd Computer)  |  | 22            |
| 13    | Musical Chair       | Vishwa Patel (2nd Computer)   |  |               |
| 14    | Mehndi              | Patel Jaimini R (3rd Civil)   | Patel Nikita G. (3rd Computer)   |               |
| 15    | Rangoli             | Dinshi Patel<br>Nikita Patel<br>Pringal Tandel<br>(3rd Computer)                        | Priya Kotecha<br>Neha Chotaliya<br>Maitri Patel<br>(2nd Civil)                 |               |
| 16    | 100m                | Patel Manthan (2nd Mechanical)  | Tandel Jigar (2nd Ele)   |               |
| 17    | Relay               | Sagar Patel<br>Sumit bhavsar<br>Panthil Patel<br>Krishna singh<br>(Computer Department) | Tandel Jigar (2nd Electrical)<br>Tandel Prasan<br>Tandel vinit<br>Patel Chirag |               |
| 18    | Relay girls         | Patel Foram D<br>Zalawadiya Sweta G<br>Patel Jaimini R<br>Patel Manali D                |  |               |



# Cultural - Gunj 2015

All work and no play makes Jack a dull boy...to avoid this, GIDC Degree Engineering College organised cultural festival called GUNJ 2015 in month of FEBRUARY 2015. The event was organized to allow students to showcase their non-technical talent to our esteemed stake holders.

The Chief Guest of the function: Shri B.B.Swain IAS Chairman GES MD GIDC, Shri G.N.Jogiyani Member Secretary GES GM GIDC, Shri K.D.Chandani I.A.S D.D.O navsari Guest of Honour: Shri Pravin Chaudhary Superintending Engineer R&B Panchayat, Shri.Pankajsinh Thakore Ex President Navsari Chamber of Commerce

Students enthusiastically participated in the celebration of our culture. Various dance and drama were performed giving delight to audience. Singers of our college enthralled the audience with their performances and the atmosphere was charged up by their youthful presence. Students received encouraging words from the dignitaries.

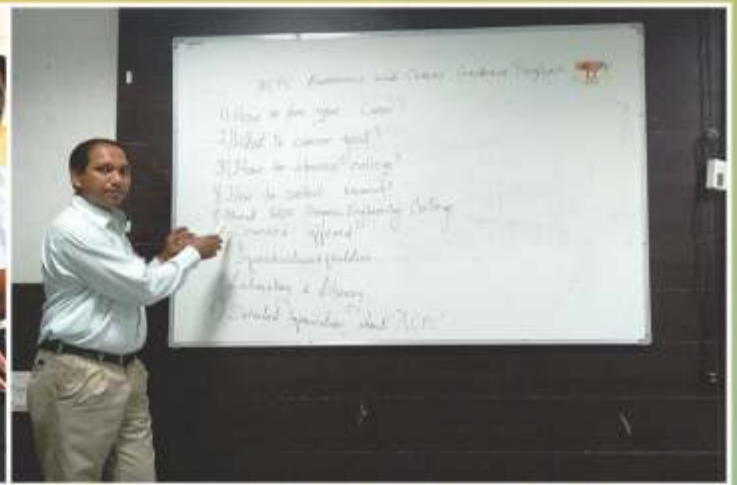
Profusion 2015 college magazine was released during the GUNJ 2015. The team of GUNJ 2015 was appreciated for the efforts involved of students and faculty alike. Lunch was organised for all GDEC family and with sweet memories the students promised to make next year even more culturally vibrant. The event was coordinated by Prof. Toral Patel.



# Prize Distribution

Prize distribution was carried out for various events organized through the semester as well as of GDEC festival 2015..





# ARTICLES

## How does a hub motor work?

The hub motor, like any ordinary electric motor, consists of two main parts a rotor and a stator. The rotor is that part of motor which rotates and thus provides mechanical work and stator is the stationary part of any motor.

In normal motor there is a hollow, outer, ring-shaped permanent magnet or electromagnet that stays static (stator) and an inner metallic core that rotates inside it (rotor). In hub motor this is reversed, the outer part i.e. magnets rotates and the inner coil assembly remains static. And so in hub motor the outer part is called rotor and inner parts is called stator.

Hub motors are also called brushless motors. Brushes in normal motors are used to transfer current from rotating element to stationary element and since there is no such



Working: The electric current is given to the set of coils. Generally there are three long wires wound in number of coils in a circular fashion which forms the stator of the hub motor. There are number of permanent magnets around these coils which are fixed to the outer ring forming rotor. Now as the coils are provided current they produce magnetic flux and so north and south poles are created and the magnets on the outer side will get attracted towards the opposite poles. And since the magnets are fixed on the outer rotor, the rotor starts rotating. The current is so given that the magnetic poles keeps on switching and thus the rotor keeps on rotating. This switching of current in the coil is controlled by a controller and the input signal to the controller is generally given by the 'Hall effect sensor'. The Hall Effect sensor senses the position of the permanent magnets and gives signal to the controller. A hub motor cannot function without an appropriate controller.

Deep Shah

(Automobile Dept.)



## *I Ride Mine*

*I ride mine, for a motorcycle's Meant to ride, you see;  
Not hauled around by trailer, I keep rubber on the street.*

*I ride mine when I go to work, And home again each day;  
Or just to twist the throttle hard, And blow my cares away.*

*I ride mine through cold winter winds, And showers of the spring;  
Baking in the summer sun 'Til autumn's cool refrain.*

*I ride mine through the glare of day, And darkness of the night;  
Sole form of conveyance, never Caged, or bound in flight.*

*I ride mine in the cities, round The counties, o'r the states;  
Cruise across the country, Tour wherever asphalt takes.*

*I ride my for the friendship of My brothers in the wind;  
Trusting they will have my back, On me they can depend.*

*I ride mine for the freedom found In open, empty roads;  
Pure exhilaration with each Turn as curve unfolds.*

*My life is in the saddle 'til I meet my mortal end;  
Then through the gates of Heaven or Hell I ride mine once again.*

*Prof. Arpit Panchal (Automobile Dept.)*

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### *Music Maniac*

*"The simplest and the most alluring means of engineering is the music"....*



*Painted by: Desai Mohit K, Computer Engineering (2<sup>nd</sup> Sem)*

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Expectation is a GIFT, not a BURDEN.

When people expect something from you, it means you have given them reasons to believe in YOU

*-Daina N. Singh, Computer Engineering (4<sup>th</sup> Sem)*





# Music Maniac

“There is something particularly fascinating about seeing places you know in a piece of art-be that in a film, or a photograph, or painting”Even standing still.. time takes light with itself...Life is all about time

## A real story:-Lyf brings up unpredictable tragedies!!

A 75 years old man who never travelled by train before this was all alone.. Lives away from his son .. He was travelling all alone to meet his son admitted in hospital, the son who never bothered and turned back for his father while he was struggling there alone to survive.. A father who holds his son's hands to make his son walk, to learn how to write and that son leaves his father's hand just sake of gathering more and more money.. Parents who always take risks to make their child survive, and that child can fall his parent's lives into risk for his own better future.. Its never parents who demand for love its just your greediness that you can't even take their little care.

-Desai Harsh, Computer Engineering (2<sup>nd</sup> Sem)



## नसीबथी नहि निवेशथी बनो करोडपति



“ ना तो बचत, ना तो अविचारी रोकाए...  
परंतु એક બેલેન્સ, હેલ્દી-વેલ્દી અને કમ્પ્લીટ ઇન્વેસ્ટમેન્ટ પ્લાન  
આપને બનાવશે આર્થિક રીતે સલામત અને સમૃદ્ધ.”

હેલ્દી-વેલ્દી પ્લાન એક રેડીમેડ ફાયનાન્સીયલ પ્લાન છે. આપના ભવિષ્યના આર્થિક લક્ષ્યાંકો ની નોંધ કરી, રોકાણની પ્રાથમિક માહિતીઓ મેળવી એને તમારા લક્ષ્યાંકો સાથે સુસંગત કરી જ્યાં પણ રોકાણનો અવકાશ હોય તેનું યોગ્ય આયોજન ઇક્વિટી મ્યુચ્યુઅલ ફંડ, ગ્રુપ્સ વીમા કવર, પર્સનલ એક્સિડેન્ટ ઇન્સ્યુરન્સ તેમજ મેડીકલ ઇન્સ્યુરન્સ કરીને આપને ભવિષ્યની આર્થિક ચિંતાઓ માંથી મુક્ત કરી હેલ્દી-વેલ્દી બનાવીએ છીએ. આ માટે તમારે એક નિશ્ચિત સમયગાળા માટે (1૫, ૨૦ કે ૨૫ વર્ષ ) નિશ્ચિત રીતે એક નિશ્ચિત રકમનું ( રૂ ૧૦,૦૦૦, ૧૫,૦૦૦ કે ૨૦,૦૦૦ ) નું રોકાણ કરવાનું રહેશે.

ચાલો બચત નહી, રોકાણ કરીએ...



ઇન્વેસ્ટમેન્ટ | ઇન્સ્યુરન્સ | રિઅલ એસ્ટેટ

NAVSAARI: Nayak Avenue, Junathana, Navsari. SURAT: G-27, Ground Floor, International Trade Centre (ITC),  
Majuragate. BARDOLI: 318, Millennium Mall, Opp. Swaraj Ashram, Station Road.

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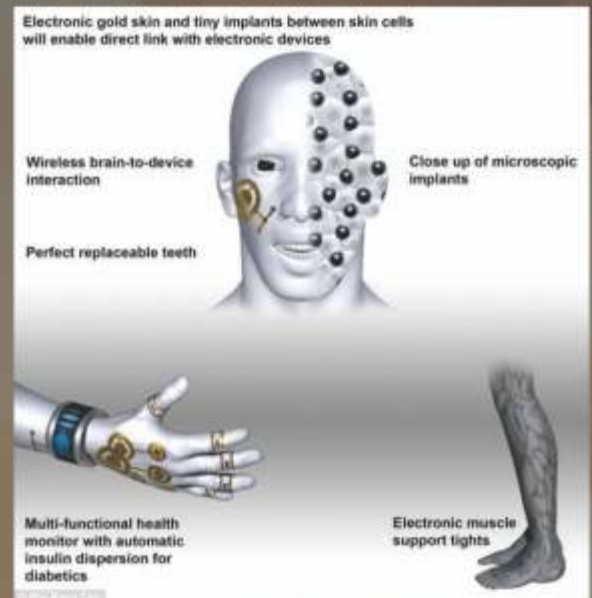
# Homo optimus



If you're under the age of 40, there is a good chance you will achieve 'electronic immortality' during your lifetime. This is the idea that all of your thoughts and experiences will be uploaded and stored online for future generations.

That's according to a futurologist who not only believes technology will let humans merge with computers, that this will create an entirely new species called Homo optimus. And, he claims this could occur as soon as 2050.

The predictions were made by Dr Ian Pearson as part of the lead up to The Big Bang Fair 2016. He believes that within the next 35 years, humans will 'live' online, and our pets could even 'talk' to us, like real-life Furbies. He also claims transhumanism – the idea we can make people technologically better – will be the norm by 2050. 'With optimised genomes and bodies enhanced by links to external technology, people could be more beautiful...more intelligent, more emotionally sophisticated, more physically able, more socially connected, generally healthier and happier all round.' As humans embrace technological advances and gradually become androids, we could gradually see Homo sapiens being replaced by Homo optimus.



-Asst. Prof. Brijesh U. Patel  
Computer Engineering

*" Silence is the best answer  
for all questions..&  
Smiling is the best reaction  
to all situations.."*

-Patel Darsh  
(1<sup>st</sup> year Civil Engg.)





*Rohit Prabhakar Nikam,  
Computer Engineering (4<sup>th</sup> Sem)*

### Life's Six Rules of Success:

1. Trust Yourself
2. Break the Rules
3. Don't be Afraid to Fail
4. Don't Listen to the Naysayers
5. Work Like Hell
6. Give Back

*Asst. Prof. Pankti S. Naik,  
Computer Engineering*



## Gesture-Based RemoteControl

Soon you'll be able to simply point at your television and control it with hand gestures. We love our mice, really we do. Sometimes, however, such as when we're sitting on the couch watching a DVD on a laptop, or when we're working across the room from an MP3-playing PC, it just isn't convenient to drag a hockey puck and

click on what we want. Attempts to replace the venerable mouse--whether with voice recognition or brain-wave scanners--have invariably failed. But an alternative is emerging.

Compared with the intricacies of voice recognition, gesture recognition is a fairly simple idea that is only now making its way into consumer electronics. The idea is to employ a camera (such as a laptop's Webcam) to watch the user and react to the person's hand signals. Holding your palm out flat would indicate "stop," for example, if you're playing a movie or a song. And waving a fist around in the air could double as a pointing system: You would just move your fist to the right to move the pointer right, and so on.

Gesture recognition systems are creeping onto the market now. Toshiba, a pioneer in this market, has at least one product out that supports an early version of the technology: the Qosmio G55 laptop, which can recognize gestures to control multimedia playback. The company is also experimenting with a TV version of the technology, which would watch for hand signals via a small camera atop the set. though, the accuracy of these systems still needs a lot of work.

*- Asst. Prof. Kaushik S. Patel  
Computer Engineering Department*



## The Shapes You See In Clouds

Clouds are not dreams, but dreams

Take the shape of clouds.

Up glass stems of air,

The steaming vapours rise.

Meadows sweet and white,

The rays shine like light.

Turned like cups of clay,

Tumbled by the wind

Like bubbles bent on sight,

They stream along the night.

The shape we see

Is the shape we dream,

Dreams are not clouds, but clouds

Take the shape of Dreams.

-Asst. Prof. Avani P. Patel  
Computer Engineering

## I WISH

I wish I were some author so that

I could picturise you in my words

I wish I were some painter so that

I could paint you on the canvas

I wish I were lyricist so that

I could describe you and your love in my song

I wish I were a musician so that

I could let my emotions flow through rhythm

But all that,

I am is so simple, not so great girl,

Who is heard over heel in love with you

All I can do is carry you in my heart,

All through the ages and ages

Every day I see you, I feel a little bit more than yesterday

A little bit stronger than yesterday

-Asst. Prof. Vibhuti P. Patel  
Computer Engineering



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## Drug addiction: A curse to Family

Drug addiction is a powerful demon that sneaks up in your life before you know it was happened. This story is about Karan, a friend who lost his life at a very young age of 25 after three to four long years of addiction of drugs. He belonged to a good family and both his parents were top surgeon of Delhi.

Karan's childhood days were good but though they had all the luxuries available, his parents were so busy in their schedule that they could not spend time with him. Once he entered teenage he started having friendship with group of boys who were drug addict. They told him that it gives us pleasure as well as mind becomes relaxed, and he tried it and it really worked .As drug controls the part of brain that gives happiness.

He now became regularly addicted to it. Finally he was no longer able to resist the dose of drug. He started isolating himself and late night out were common. His parents finally noticed this and he was diagnosed with drug addiction. He was taken to a rehab center for treatment where he underwent a treatment for at least a year. Treatment was painful but finally the parents are happy that now he has recovered but in reality it was not so. One morning he went out alone in his father's car but after two hours news came that a white car was fought parked on road with a young boy's body. He lost his life due to overdose of drug.

In today's busy life parents are very busy in their work; they should spend time with their children and make them feel that at any stage in life if they need them, parents are always there to support them. It is very important to bridge this generation gap that exists in today's life.

-Asst. Prof. Pragnesh A. Patel  
Computer Engineering

## MAY YOU BE UNSTOPPABLE

Once in a tiny village, there were two best friends like Jai and Viru in Sholay. One was 10 years old and the other was 6 years old. One day they went to play volleyball far from village. They were alone there. While playing, the elder one fell into the well. The younger one screaming for help but there was no one to assist them. The younger one looked here and there. He found bucket with rope tied to it. With the arduous efforts he pulled the troubled boy out from well with help of this bucket.

They discourse whether to narrate this incident to the villagers. Eventually they told whole incident to villagers but no one believed them except the old man. The villagers discussed among themselves that why the old man did believed them. In the end they approached to the old man and asked him.

The old man replied, "Whatever these boys are telling is true as they have narrated the whole incident. The younger boy was able to save his friend as there was nobody to tell him that you can't do this by yourself. In addition he himself didn't think that he could save his friend"

-Asst. Prof. Kushal D. Patel  
Computer Engineering



# Shaping the Future of Technology using Open Source Software

**Open Source Software** has gained tremendous popularity in last few years and is progressing at a continuous speed beyond the world of IT. In today's world it has appeared as an area of business-and therefore a competitor also. Because of open source's characteristics of 'free-of-cost' principle, it has great impact on almost every area, nationally as well as internationally. This article focuses on the prospects of applying open source software in education, business, and developing countries and in government. We will also consider the Indian government scenario in this aspect that is recently regulated in policy on adoption of Open Source Software for GOI (Government of India) in April, 2015. Academia has adopted open source software in different learning activities for the reasons that it resolves various persistence technical challenges. Despite all the technical challenges, OSS offers an approach to solve technical problems by providing guaranteed and optimal delivery of online learning. Digitization of education is a new occurrence that has changed the education sector through online courses, virtual educational portals, virtual universities and online courses. Open source provides various advantages and has great impact on learning that included flexibility, tax benefits, continuous improvement etc.



One more aspect of impression of OSS in education is escalation of learning management system(LMS). LMS tools are used to develop and manage learning contents on web. Some of the famous tools are Moodle, Bodington, Caroline, .LRN, ATutor, OLAT, and Sakai. Open source and Digitization of education has gained considerable maturity and together both have great potential to change the face of education. Almost all IT companies have some or more interaction with OSS today. IT is all about the continuous flow of information and in this way fundamentally related to the economic growth of any developing country. And thus OSS cannot be viewed merely as a product but it governs the economy. By 2016, at least 95% of IT companies will take the advantage of open-source technology in their censorious cases- an increase from 75% in 2010 [Source: Black Duck Audit Results]. As a result of technological development in every sector including public services, there is a great need for government services systems to be put together for quick accessibility of information. Thus in this way, government is also taking initiative. Open in this section, we present you the Indian initiative of making digital India. To meet this objective, GOI has been promoting the use of open source technologies and has been encouraging their adoption in eGovernance applications. To enable the adoption of OSS, Department of Electronics and Information Technology (DeitY) has formulated a "Policy on Adoption of Open Source Software for Government of India" in April-2015. In addition to this policy the DeitY has also formulated a "framework for adoption of OSS in eGovernance applications".

**-Asst. Prof. Archana M Nayak**

**Computer Engineering Department**



# CREATE CENTRE FOR TEACHING AND LEARNING

## Engaging students in learning

Emphasize the most critical concepts continuously. Repeat these concepts in lectures and assignments. Provide a visual aid when possible to explain abstract concepts. A diagram, a flowchart or a mental image can help student retention of abstract concepts. Rely on logic when applicable. Show students how to use logical thinking to learn and retain new information. Use in-class activities to reinforce newly presented material. After a new idea have been presented through lecture, reading or discussion, allow students to put the concept into use. Help students create a "link" between new material and something already learned. Help students master the vocabulary. Treat students with respect. Students treated with dignity will give you their best efforts. Hold students to a high standard. Don't assume the worst about your students. Be enthusiastic! And of course, above all, let your passion for your subject and for students be visible to all! So why not let the students see how much fun you are having.

## Flipping the classroom

The flipped classroom is a pedagogical model in which the typical lecture and homework elements of a course are reversed. In essence, "flipping the classroom" means that students gain first exposure to new material outside of class, usually via reading or lecture videos, and then use class time to do the harder work of assimilating that knowledge, perhaps through problem-solving, discussion, or debates. students are doing the lower levels of cognitive work (gaining knowledge and comprehension) outside of class, and focusing on the higher forms of cognitive work (application, analysis, synthesis, and/or evaluation) in class, where they have the support of their teachers.

## Employing inclusive teaching strategies

"Even though some of us might wish to conceptualize our classrooms as culturally neutral or might choose to ignore the cultural dimensions, students cannot check their sociocultural identities at the door, nor can they instantly transcend their current level of development... Therefore, it is important that the pedagogical strategies we employ in the classroom reflect an understanding of social identity development so that we can anticipate the tensions that might occur in the classroom and be proactive about them"

## Promoting student engagement through active learning

Active learning requires students to participate in class, as opposed to sitting and listening quietly. Strategies include, but are not limited to, brief question-and-answer sessions, discussion integrated into the lecture, impromptu writing assignments, hands-on activities and experiential learning events. As you think of integrating active learning strategies into your course, consider ways to set clear expectations, design effective evaluation strategies and provide helpful feedback.

## Leading dynamic discussions

While "good" discussions can be a powerful tool for encouraging student learning, successful discussions rarely happen spontaneously. Preparing ahead of time will help you delineate a clear focus for the discussion and set well-defined parameters. This will enable the class to address important topics from multiple perspectives, thus increasing students' curiosity for, and engagement with, course content.

## Large lecture instruction

Large classes (60+ students) should not be limited exclusively to lecture-based teaching. In a large class participation can be designed to get students actively solving problems, interacting with one another and the teacher.

## Teaching with technology

In-classroom technologies multimedia projector, real-time response systems and web-based tools (e.g., blogs, online forums, wikis, podcasts, etc.) — continue to change rapidly. There is no doubt that finding the time to integrate technology is an overwhelming task for anyone. Throughout the course of a day, teachers find themselves pulled in many directions. However, technology is already integrated in nearly everything we do and nearly every job our students will encounter. So how do educators find an ideal balance for learning about and eventually integrating technology? It begins with a focus followed by good instructional design -- but ultimately, a healthy balance.

## Service-learning

Service-learning refers to learning that actively involves students in a wide range of experiences, which often benefit others and the community, while also advancing the goals of a given curriculum.

## Office hours

Office hours give students the opportunity to ask in-depth questions and to explore points of confusion or interest that cannot be fully addressed in class. It is important for UW instructors to encourage their students to come to office hours and to use that time effectively. We have two guides to help you: Face-to-face office hours and Virtual office hours.

- Dr. Shailesh S. Patel



# A Tribute to our teachers

The LIBRARY of your brain is so varied  
That our (genius) NETWORK fails however we tired  
The strong COVALENT BOND of our relation  
Need no TRANSFORMER for our COMMUNICATION  
We are the REPLICA of the knowledge of your DNA  
But the INTEGRATION of your knowledge is depleted by exam's RNA  
The flow of knowledge from your OXFORD'S brain  
Is complemented (NOT GATE) when in it we drain  
We will never forget the way you teach  
Always to be your student to the GOD we'll beseech!!!

-Nihal Brijeshkumar Singh (4<sup>th</sup> Sem-Mechanical Engg.)

## What kind of Education do we need now?

There are no two opinions that our present system of education is the legacy of the British. But when the British had left, why did not his language & his system of education go? The reason is certainly not what Macaulay had thought of. Either it is capable of meeting our demands now, or if not we are not able to evolve a better policy even years after independence.

But what is education? Education may include literacy, but literacy alone is not education. What goes to make an able engineer or an efficient doctor is not education but only knowledge & skills, but what makes them honest, sincere and responsible is education. Education is sufficient to secure a job, but it is not necessary education may award degrees & diplomas but they alone do not constitute education simply because one is a citizen after all. One need not be a good citizen.

Education should widen out vision, increases out creative ability, offer us values to cherish and courage to hold on to them successfully. It is that which promotes rational thinking and roots out blind beliefs and baseless superstitions. It is what drives out darkness in our minds and makes us really human.

It is this kind of education that we are offering to our young people? No doubt we produce efficient lawyers and doctors, engineers, teachers, accountants & administrators who are certainly needed to usher in a new economic order and make our country prosperous but that is not enough. We should become a great nation, not merely big or rich and that which makes our dream come true, should be the kind of education. We should impart in our future citizens.

- Harshit Naik  
Assistant professor (Mathematics)





# ODE TO MY FIRST JUDO GI

*At the tender age of eight  
It appeared  
Ghostlike,  
A shadow of infinite power.  
At first I refused,  
Dared not accept.  
Soon it caught me like a net.  
I tried it on.  
My first Judo class!!!  
It was beautiful,  
A white tooth made for wearing,  
Beauty only I can see.  
To wear it  
Was to give in.  
Its fine stitching  
Was an art itself.  
It was like a friend,  
Always there,  
Powerful,  
Mysterious,  
Loyal,  
A Friend.  
Its collar symbolized combat  
Rough, white, thick,  
Collar made for combat.  
It now lies tattered  
Broken and unwanted.  
Its collar is worm,  
Punctured,  
Stitching is gone.  
The Gi (Uniform) misses the stretch of battle,  
The stretch of perfecting character.  
Still it lies  
Strong,  
Proud,  
Drenched in the blood of my soul  
JUDO ....*

*- Parth Alpeshbhai Vashi (6<sup>th</sup> Sem Mechanical)*

## HUMANISM

Blood is same, so as the Organs;  
Than why there is lots of Differentiation?  
It is not bad if you are Hindu, Muslim or Christian;  
But at first, you all are Human.

Someone kills and Someone cheats on the name of Lord;  
Some converts and Some show off on the name of Lord;  
Some are buried and some are burned;  
But everyone final destination is Hell or Heaven.

People will ask your Caste when you cross the street;  
People will ask your Religion when you cross the district;  
People will ask your Language when you cross the state;  
And finally you will become nice human on your death.

Religion is a way of making friend for gr:-eat thinking person;  
But small person take religion as fighting weapon.  
Don't forget that humanism is the first religion;  
Than the pages of Bible, Gita and Quran are open.

*Adil Altaf Shaikh (IV-Sem-Mechanical Engg.)*



*Patel Chirag (4th Sem. Civil-I)*

# Additive Manufacturing: A 3D Printing Technology

**Additive manufacturing** is a process of making three dimensional solid objects from a digital file. The creation of a 3D printed object is achieved using additive processes. In an additive process an object is created by laying down successive layers of material until the entire object is created. Each of these layers can be seen as a thinly sliced horizontal cross-section of the eventual object.

It all starts with making a virtual design of the object you want to create. This virtual design is made in a CAD (Computer Aided Design) file using a 3D modelling program (for the creation of a totally new object) or with the use of a 3D scanner (to copy an existing object). A 3D scanner makes a 3D digital copy of an object.

3d scanners use different technologies to generate a 3d model such as time-of-flight, structured / modulated light, volumetric scanning and many more.

Recently, many IT companies like Microsoft and Google enabled their hardware to perform 3d scanning. This is a clear sign that future hand-held devices like smartphones will have integrated 3d scanners. Digitizing real objects into 3d models will become as easy as taking a picture

To prepare a digital file for printing, the 3D modelling software “slices” the final model into hundreds or thousands of horizontal layers. When the sliced file is uploaded in a 3D printer, the object can be created layer by layer. The 3D printer reads every slice (or 2D image) and creates the object, blending each layer with hardly any visible sign of the layers, with as a result the three dimensional object.

## ***Processes and technologies :***

Not all 3D printers use the same technology. There are several ways to print and all those available are additive, differing mainly in the way layers are built to create the final object.

Some methods use melting or softening material to produce the layers. Selective laser sintering (SLS) and fused deposition modelling (FDM) are the most common technologies using this way of printing. Another method of printing is when we talk about curing a photo-reactive resin with a UV laser or another similar power source one layer at a time. The most common technology using this method is called stereolithography (SLA).

To be more precise: since 2010, the American Society for Testing and Materials (ASTM) group “ASTM F42 – Additive Manufacturing”, developed a set of standards that classify the Additive Manufacturing processes into 7 categories according to Standard Terminology for Additive Manufacturing Technologies. These seven processes are:(1)Vat Photopolymerisation (2) Material Jetting (3)Binder Jetting (4)Material Extrusion Powder (5)Bed Fusion (6)Sheet Lamination(7)Directed Energy Deposition

Applications include rapid prototyping, architectural scale models & maquettes, healthcare and entertainment. Other examples of 3D printing would include reconstructing fossils in paleontology, replicating ancient artifacts in archaeology, reconstructing bones and body parts in forensic pathology and reconstructing heavily damaged evidence acquired from crime scene investigations.

The worldwide 3D printing industry is expected to grow to \$12.8B by 2018, and exceed \$21B in worldwide revenue by 2020. As it evolves, 3D printing technology is destined to transform almost every major industry and change the way we live, work, and play in the future.

**Dr. H. S. PATIL**

**Dr. D. C. Patel**

**Mechanical Department,**



# Tensegrity Structure

Tensegrity structures are 3-D trusses where members are assigned specific functions. Architects and engineers have pushed the limits of what is possible for many years and have attempted to make new and awe inspiring structures at the same time. Tensegrity is the name for a synergy between a co-existing pairs of fundamental physical laws of push and pull, or compression and tension. It is a pattern that results when 'push' and 'pull' have a win-win relationship with each other. Pull is continuous whereas push is discontinuous. The continuous pull is balanced by the discontinuous push, producing the integrity of tension and compression. These fundamental phenomena do not oppose, but rather complement each other. The use of tensegrity in structures is not all that common at this time and often surprises people who find out about this systems. The system has evolved from a study of the principles of "Tensegrity" discovered by Kenneth Snelson, an American sculptor, and developed by the famed design scientist and inventor Richard Buckminster Fuller.



Prof. Vikunj K. Tilva (HOD, Civil)



## Gujarat Industrial Development Corporation A Government of Gujarat Undertaking

GIDC has established 182 industrial estates, ranging from mini to mega sizes, in 25 districts of the state. It has also developed 7 Special Economic Zones.

### MAJOR INDIAN COMPANIES IN GIDC ESTATE



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## A TALE WITHOUT A TAIL

*This the a story about four people named "Everybody", "Somebody", "Anybody", and "Nobody". There was an important job is to be done and "Everybody" was sure that "Somebody" would do it.*

*"Anybody" could have done it, but "Nobody" did it.*

*"Somebody" got angry about that because it was "Everybody's" job.*

*"Everybody" thought that "Anybody" could do it,*

*But "Nobody" realized that "Everybody" could not do it.*

*Eventually it ended up that "Everybody" blamed "somebody" when actually*

*"Nobody" accused "Anybody" for this is a Tale without a Tail.*

*- Rajesh goswami (Civil Engg.)*

## What a girl Want?

*What makes men dominating in today's society?*

*Let's forget about today's scenario, history have witnessed discrimination faced by women throughout the world. They lacked political as well as social life. No matter today women's are matching shoulders to shoulder with men's but still they are treated inferiorly in society.*

*What a girl or women want, is not the attention by the world!*

*WE want to be respected; we want to be treated well,*

*WE want to be FREE, freedom which is enjoyed by opposite gender.*

*WE don't want to be judged on the clothes we wear!*

*WE want to be independent.*

*WE don't want to be questioned on each and every decision of their.*

*WE may fall, but we surely know to rise and if we don't, we will learn.*

*WE don't want to be neglected for*

*WE want as much as opportunities, opposite gender gets.*

*IF we make mistakes, we expect not to be judged on it for rest of our life!*

*Indeed; WE want to be OURSELVE!!*

*PS: I want to be free as much as a bird. I had flied if I was bird. I wish I was a bird!!*

*- Jayshree Patel  
BE II, 4<sup>th</sup> semester*

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