

Profusion' 19

"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"





GIDC Degree Engineering College

Gujarat's Public Private Partnership (PPP) Model Institute

(Managed by GIDC Education Society, Gandhinagar)

Block No. 997, Abrama, Tal. Jalalpore, Dist. Navsari - 396 406, Gujarat, India. Ph: 02637 229040, Email: gidcengcol@gmail.com, Web: www.gdec.in

Speciality Chemicals

 Complete range of performance chemicals for polyester & cotton processing

 GOTS certified cotton processing chemicals







Chairman's Message



બલવંતસિંહ સી. રાજપૂત ચેરમેન





સંદેશ

"ગુંજ" – શબ્દ જ સાર્થક કરે છે આ ઇજનેરી કોલેજના વિદ્યાર્થી અને પ્રાપ્યાપકગણના વિશ્વાસને.

ગુજરાત ઔદ્યોગિક વિકાસ નિગમના મુળ ઉદેશ્યથી પણ આગળ વધીને સામાજિક અને શૈક્ષણિક જવાબદારીના ભાગ રૂપે વર્ષ ૧૦૧૧ માં સ્થપાયેલ આ સંસ્થાને ૬ વર્ષ જેટલો સમયગાળો પૂર્ણ થયેલ છે. તેમજ ત્રણ વર્ષથી આપણી સંસ્થામાંથી ઇજનેર થયેલા ઉત્તમ સ્નાતકો જે-તે સ્થળે પોતાની ફરજ બજાવી રહ્યા છે તેવી મને શ્રહ્ય છે. આ જ તો છે આ સંસ્થાએ સમાજને આપેલ યોગદાન.

આજના સ્પર્ધાત્મક યુગમાં જયારે તકનીક એ ગુણવતાસભર જીવનનું પયાર્થ અને મૂળભૂત જરૂરિયાત બન્યું છે ત્યારે આપણે સૌએ રાષ્ટ્રને ઉપયોગી નીવડે એવી અને વૈશ્વિક કક્ષાએ આપણી ઉપસ્થિતિ નોધાવે તેવી આધુનિક તકનીક વિકસાવવાની દેશામાં આગળ વિચારીને વધવાનો નિર્ધાર કરીએ.

આપણા માન.વડાપ્રધાનથી ઘરા મેક ઇન ઇન્ડિયા, સ્કીલ ઇન્ડિયા, સ્ટાર્ટઅપ ઇન્ડિયા જેવી યોજનાઓ જારી કરી છે ત્યારે વિશ્વના અગ્રેસર દેશોએ ઇજનેરી ક્ષેત્રે જે સંશોધનો કરીને આજની જીવનશૈલી અને સુવિધાઓ વિકસાવી છે તેવા જ પ્રશંસનીય અને અગત્યના સંશોધનોમાં આપ સૌ સફભાગી બની આપણા દેશનું નામ ઉજ્જવળ કરવા પ્રયત્ન કરશો તો એ સમય દૂર નથી કે જયારે ભારત એ વિશ્વના દેશો માટે કરી માર્ગદર્શકની ભૂમેકા ભજવશે અને વિશ્વકલ્યાણના માધ્યમથી વિશ્વગુરુ" તરીકે પોતાનું સ્થાન ફાંસલ કરશે.

અંતમાં તાજેતરમાં જ શરૂ થયેલ નવા વર્ષની આપ સૌને અંતરપૂર્વક ફાર્દિક શુભકામનાઓ પાઠવું છું અને આવનાર સમય આપના જીવનમાં મનોચ્છનીય ઉન્નતિ અને અકલ્પનીય પ્રગતિવર્ધક બની રફે તેવી અભિલાષા દાખવું છું.

ભારતવર્ષની પ્રગતિ તથા વિકાસના ભાગરૂપ બની આવનાર પેઢીઓ માટે જીવંત દ્રષ્ટાતરૂપ થઇ સમાજને શક્ષિણ અને ટેકનોલોજીના સમન્વથથી ફરિયાળું બનાવવાની કટબિદ્ધતાની અપેક્ષા સફ.

> આપની સ્નેફાધિન, (બળવંતસિંફ રાજપુત)

Chairperson's Message



D. THARA IAS Vice Chairman & Managing Director





Gujarat Industrial
Development Corporation
(A Govt of Gujarat Underlaking)
Block No. 3, 4 & 5, Udyog Bhavan
Sector 11, Gandhinagar 382 011
Gujarat, India:

Date. 10/01/2019

Gujarat Industrial Development Corporation (GIDC) has taken a profound initiative, namely GIDC Education Society (GES), by indulging itself into the educational field. GESis 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 this model GIDC Degree Engineering College (GDEC), Abrama, Navsari was initiated in the year 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 dept. laboratories, library, IT infrastructure etc. in order to provide students and faculty an unparalleled learning experience. Through GIDC Degree Engineering College, GESis committed to provide best possible environment for the students in order 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.

(Smt D. Thara)

Chairperson, GIDC Education Society Vice Chairman & Managing Director, G.I.D.C. Gandhinagar

Member Secretary's Message



On behalf of our faculty members, associates and the management team, it is my pleasure to welcome you to GIDC Degree Engineering College.

GIDC Degree Engineering College, founded by the joint efforts of Government of Gujarat and Gujarat Industrial Development Corporation, is inspired by the vision of our beloved Prime Minister Shri Narendra Modi. Our aim is to provide integral education, skill sets and values needed to lead a more purposeful and fulfilling life in today's complex and changing world.

GIDC Degree Engineering College is an environment of collaboration and creativity driven by self-discovery of "Inner Being" that ENCOURAGES, ENABLES and EMPOWERS students in their INTELLECTUAL, EMOTIONAL and SPIRITUAL GROWTH.

The GIDC Degree Engineering College campus provides dynamic, energetic and progressive learning for students of tomorrow. Our campus atmosphere inspires students to discover themselves and to realise their highest potential. Students will be enriched through academic excellence, transformative experiences and excellent infrastructure facilities.

I invite you to join our learning community, which believes in pursuit of knowledge and success in life.

Shri. B. C. Warli
Member Secretary, GIDC Education Society
I/c Chief Engineer and Director (N.A.), GIDC, Gandhinagar

Member's Message



GIDC Degree Engineering College is a space for meaningful knowledge transactions - acquisition, preservation, creation, dissemination and application of knowledge. It is an institute with difference because apart from facilitating knowledge transactions through its qualitative academic courses, it focuses on integral and transformational learning. The institute aims at holistic development of its learners' Physical, Mental, Vital and Spiritual aspects, and thereby transforms them into future leaders.

GIDC Degree Engineering College is a new 'dawn' of integral education. In the course of time, with sincere efforts of its students and faculty, it is expected to become mainstream education system because human history informs us that mere knowledge is not ultimate destination of humankind. It goes beyond knowledge to wisdom and integral vision of life. With this perspective in view, GIDC Degree Engineering College is committed to excellence in its teaching, outreach activities beyond its walls, collaborations at state and national levels, creation of knowledge through

 $interdisciplinary, innovation \, and \, research \, with \, many \, valued \, added \, engineering \, branches.$

In consonance with his vision, GIDC Degree Engineering College is striving sincerely to bring about meaningful change in the domain of education.

On behalf of the GDEC family, it is my privilege to greet all of you to your institute, and invite you to embark on the journey of realising your infinite potential.

Shri. N. P. Vadaliya Member, G.E.S., S.E., G.I.D.C., Surat

Member's Message



At GIDC Degree Engineering College it has been ensured in multidimensional way that quality education gets firmly implanted in each and every student coming for knowledge building. We nurture the aspirations of our students by providing a well established platform to enhance their skills and abilities to be able to withstand the current era of competitiveness in the field of engineering.

The institute provides an advantageous environment for quality learning of students through experienced faculty and staff members with well established high standard laboratories, most enriched library and advanced IT infrastructure in order to achieve their dreams without facing any hurdles as far as essential facilities are concerned.

Being part of technical education since many years, I personally suggest each one associated to understand the current trend of industrial era and act accordingly to step into the competitive realm.

Considering the current role of government, it has become multiple times safer to look forward for starting up a new small, medium or large scale industry with help of various schemes of government for Start-Ups & subsidies provided for same. With my best wishes I would like to urge all the current and future technocrats to focus on the green revolution along with the industrial growth to look after the Mother Nature.

**** Quality manpower tends directly the quality of nation. ****

Dr. V. S. Purani Member, GIDC Education Society Joint Director, Commissioner of Technical Education, Gandhinagar

Member's Message



I am delightful to share my words with this edition of college magazine "Profusion' 19". As the magazine is a platform for the students and staff members to showcase their activities, skills, and achievements in various fields of working, it bears a unique position in the hearts of stakeholders.

Being part of GIDC Education Society, it gives me immense pleasure that each year Profusion reflects the fresh success stories as it steps ahead firmly in the terrain of educational fields and marks its presence strongly in the surrounding year upon year.

I urge all students and faculty members to optimally utilise the quality infrastructure and high end equipments made available at GIDC Degree Engineering College and set up bench marks one above other in order to take the college higher and higher in the sky of technological education.

Best wishes from the bottom of my heart for the evolution of each one involved with the educational marvel named GIDC Degree Engineering College.

Dr. A. K. Dave Member, GIDC Education Society, Gandhinagar Ex. Director, SVNIT, Surat

Member's Message



The responsibility of creating a world-class educational institution is challenging and larger-thanlife with a host of initiatives, which validate themselves over an extended time span. We focused on the engineering domain a few years ago and worked to create a talent pool to meet the human capital needs of this sector. The institute today has metamorphosed into a preeminent institution with significant state and national visibility. It was only natural to give GDEC the look and feel of a more complete academic environment and we have done that with the implementation of Student Start-up and Innovation Policy and activities like Unnat Bharat Abhiyan 2.0 in recent years. Each one of these activities along with academic improvement in the area of Internet of Things (IoT), Energy Conservation Techniques, Renewable Energy Based Projects and engineering a lot of academic credibility to a research led environment.

Today the corporate world seeks a generation of young people who are not only enlightened, but also trained to think innovatively. They are expected to meet tough challenges and create opportunities in uncharted areas with unprecedented success. They soon settle in an advanced

academic ecosystem, which abets an innovative approach to the evolving challenges of the academic world. They will be required to acquire diverse skills and competencies, and take the extra step to understand the parameters of leading a dignified quality of life and seek to achieve the same through intellectual self-propelled pursuits.

I am sure that with our collective vision we will achieve the enshrined goals through dynamic, participative and scholarly academic inputs duly complemented by collaborative deployment of professionals of high repute and caliber. The institute has to serve as a cradle of innovation and research to facilitate this.

Once again, I extend my best wishes to the all the stakeholders of the GIDC Degree Engineering College.

Shri. CA Vinodchandra G. Desai Member, GIDC Education Society Chartered Accountant, Navsari

Member's Message



Technical Education is the backbone of every nation and is the stepping stone for a country to move into the niche of a developed nation. It gives me immense pleasure to express few words about GIDC Degree Engineering College that caters to satisfy the need of providing technical education in the South Gujarat region.

"Service to Human being is service to God". Compatible with this saying, GIDC Degree Engineering College always aims at creating better human beings and this is done by moulding the students to be good human beings with values which are embedded for life. GIDC Degree Engineering College provides a holistic development that nurtures them towards becoming strong and focused human beings.

The main focus of the Institution is to empower students with sound technical knowledge, skills, wisdom and experience both at the academic level of Engineering and in the highly competitive global industrial market. The infrastructure facilities and state-of-the-art equipments combined

with a galaxy of competent, talented and dedicated faculty members contribute to an enjoyable and an easy learning experience that contributes to attaining highest standards in academics, research and professional skills.

We wish the best for all the students and the members of the institution who reiterate their aims at providing the best in academic and extra-curricular fields. We must believe that success is inevitable where these exist-Foresightedness, Firm Determination, Hard work and Discipline.

Once again, I wish all the students and faculty members a successful and rewarding career.

Dr. Dinkarrai G. Naik Member, GIDC Education Society Director, Naranlala College Campus, Navsari

Member's Message



Intelligence with Character is the true goal of Education. Knowledge gives humility, from humility, one attains Character. The Highest Education is that which makes our life in harmony with all existence.

In the context, GIDC Degree Engineering College as an Institute has been quite distinct from day one. It strives to make Gujarat – the Land of Gandhiji the Global Education Hub through knowledge creation, augmentation and dissemination. For the purpose, GIDC Degree Engineering College dedicates its efforts towards developing synergy between industry and academia; and community upliftment through education. Importantly, GIDC Degree Engineering College continually strives to focus on future with an entrepreneurial spirit.

On-Campus and Outreach Activities are organiSed for Students, Teachers and Management. GTU Innovation Club hones competencies of Faculty and Staff on Campus.

Uniquely, through these initiatives and practices, GDEC focuses on converting eyes into sight and vision; information into knowledge and wisdom; and demography into citizens and harmonious

living. Further, programs at GDEC enable the students not only to gain an understanding but also to develop insights in altered research areas. Teachers also dedicate their efforts to construct and facilitate opportunities where the students can practice and experience creativity. Moving a step ahead towards the purpose of education, GDEC also aims to make its students Job Creators and not only Job Seekers. Honesty, Integrity, and Transparency have been the benchmarks of GDEC in both - word and action. In the journey, GDEC fosters a niche for world class education at the rural base. I, earnestly, request you all to join hands with GDEC and work towards the realiSation of this aspiration. Many have already volunteered in this Seva Yajya through their magnanimity; knowledge, skills and resource sharing; and through their association with GDEC either as a Faculty, Staff or Student. On behalf of GDEC Family, I extend a word of gratitude to all and also invite all to visit the Campus, witness the development and be a part of the Journey.

Shri Mahadevbhai Desai Member, GIDC Education Society CMD, Sthapati Designers & Consultants Pvt. Ltd., Navsari

Principal's Message



It is a matter of pride to pen down the message for the annual institute magazine "Profusion-19" of GIDC Degree Engineering College .Here I am delighted to perceive the progress being made at GIDC Degree Engineering College during last six years. Annual magazine provides platform for the institute to express their efforts ,contributions as well as to It brings out into the open things hitherto unrevealed.

In short span after joining to this institute I have experienced the appreciable pace of work with staff members as well as workaholic environment. Institute is enriched with efficient and sufficient infrastructures , advanced laboratories and equipments , protocolly systematic administration , qualified staff and innovative students. Initiation of students to startups , industrial hackathon , technical exhibitions has enhanced the quality of academics in institute.

I would like to give message to students and staff that we have to think different than conventional approach of education because technology needs many things beyond technical and conventional knowledge. Resources are available in surrounding of us but it should be our concern to explore

the multidisciplinary knowledge domain, identify the potential of knowledge, think about application of ideas and innovations from micro level to macro level. It's not necessary to have perception of enormous researches at start level, our small innovative ideas may lead to great research or part of that one day. Solve the technological challenges like integration methods of mathematics.

I would like to appreciate the persistent support of GIDC Education Society (GES), Gandhinagar where GIDC Education Society is fulfilling its noble commitment to educational fraternity of running technical institution with Government of Gujarat under Public Private Partnership mode through the medium of GIDC Degree Engineering College – Abrama, navsari.

As long as you have hard work in your stride good luck will always be by your side. Wishing you good luck as you move on to a new challenge.

Wishing you all the best!

Executive Editor's Message



Dear readers;

It gives us great pleasure to bring to you a sixth edition of our college annual magazine "Profusion". The "Profusion-19" is dedicating to the entire team of the Engineering and Technology for their outstanding contribution towards the development of Bogibeel bridge and Statue of unity for putting India at forefront of technology.

Profusion is a platform to exhibit the fictitious skills and creative thoughts of faculties and students. It presents the panoramic view of the cultural, technical, sports and literary activities and achievements of students and faculties. The college has been simply unstoppable in its progress as it has been actively involved in various activities that have brought to light the hidden talents of the college



students and faculties.

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

We would like to place on record our gratitude and heartfelt thanks to all those who have contributed to make this effort a success. We would also thanks to our sponsors for financial support.

We are thankful to all the authors who have sent their articles. On behalf of editorial board, We would express my gratitude to the management of GIDC education society for giving support and encouragement and a free hand in this endeavour. We truly hope that the pages that follow will make an informative and interesting reading.

Dr. H. S. Patil Dr. S. S. Patel

Editor in Chief :	Dr. N. D. Sharma (Principal)	
Executive Editors :	Dr. H. S. Patil (Head, Mechanical Department) Dr. S. S. Patel (Head, ASH Department)	
Associate Editors :	Dr. D. C. Patel (Associate Professor, Mechanical Department) Prof. A. M. Nayak (Head, Computer Department)	
Chief Co-ordinators : (Advertising & Sponsorship)	Prof. V. K. Tilva (Asst. Professor, Civil Department) Prof. H. G. Vashi (Asst. Professor, ASH Department)	
Co-Editors :	Prof. A. O. Jain (Asst. Professor, Automobile Engineering Department) Prof. D. A. Patel (Asst. Professor, Mechanical Engineering Department) Prof. K. D. Patel (Asst. Professor, Computer Engineering Department) Prof. N. S. Parekh (Asst. Professor, Applied Sciences & Humanities Department)	
Co-ordinators Advertising & Sponsorship: Prof. R. J. Lad (Asst. Professor, Civil Engineering Department) Prof. T. N. Patel (Asst. Professor, Mechanical Engineering Department) Prof. D. R. Gayakwad (Asst. Professor, Electrical Engineering Department) Prof. B. H. Patel (Asst. Professor, Computer Engineering Department) Mr. A. N. Patel (Lab Assistant, Applied Sciences & Humanities Department) Mr. S. T. Patel (Accounts Officer, Administrative Department) Mr. D. N. Shukla (Administrative Clerk, Administrative Department)		
In-house Design Expert:	Mr. Nilesh Patel (Lab Assistant, Computer Engineering Department)	
Published by :	GIDC Degree Engineering College, Abrama, Navsari	

Contents

Sr. No.	Sr. No. Contents	
	Honourable Chairman's Message	
	Honourable Chairperson's Message	
	Member Secretary's Message	
	Member's GIDC Education Society Message	
	Principal Message	
	Executive Editor's Message	
1	About the Institute	09
2	Board of Management	10
3	Student Rankers in Exams	12
4	From the Department Heads	17
5	Central Library & Administration Centre	23
6	Training & Placement	24
7	Technical: Uddan 2018	28
8	Institute Activity Reports	35
9	Sports: Maitri Olympiads & Cultural: Gunj 2018	54
10	Articles	74

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. Institute have qualified, experienced faculty & staff to take up the responsibility of knowledge transfer, have 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 semesters) leading B.E. Degree:

Branch	Intake
Mechanical Engineering	120
Civil Engineering	90
Computer Engineering	60
Electrical Engineering	60
Automobile Engineering	30

Board of Management

Name of the Member	Designation in the GES	Current Position/Organization
Smt. D. Thara IAS, M.Sc(Biotech), M.A(Public Administration)	Chairperson	Vice Chairperson & Managing Director, GIDC, Gandhinagar
Shri B. C. Warli B.E Civil	Member Secretary	Director (NA) & General Manager, GIDC, Gandhinagar
Shri N. P. Vadalia B.E Civil	Member	Executive Engineer, GIDC, Surat
Dr. V. S. Purani M.E Civil, Ph. D.	Member	Joint Director, Commissioner of Technical Education, Gandhinagar
Dr. A. K. Dave B.E Mechanical, M.E, Ph. D.	Member	Ex. Director, SVNIT, Surat
CA. V. G. Desai M.Com, F.C.A.	Member	Chartered Accountant, Navsari
Dr. D. G. Naik M.A, M.Ed, Ph. D.	Member	Director, Naran Lala College Campus, Navsari
Shri Mahadevbhai Desai B.E Civil, LLB, MIE, MASCE(USA)	Member	CMD, Sthapati Designers, Navsari

VISION & MISSION



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.



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.

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 conductive manner- an excellent support for discussions, presentations and analysis of theoretical 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 2017-18

Mechanical Engineering

B.E.-I



LAD SAPNIL CPI-8.60



PATEL AAYUSH



HALPATI PIYUSHBHAI

B.E.-II (A)



MISTRY NISARG



PATEL RONAK CPI-8,29



PATEL JIGNESH CPI-7.98

B.E.-II (B)



TANDEL PRAGNANG



TANDEL YASH CPI-8.46



TANDEL AADARSH CPI-7.94

B.E.-III (A)



GANDHI LAY CPI-8.32



GANDHI SMIT CPI-8.11



PATEL DENISH CPI- 7.92

B.E.-III (B)



SHIMPI KUNAL CPI-8.68



NATWIJUKA GILBERT



KYAGABA DAVID CPI-8.03

B.E.-IV (A)



ABRAHAM JERIN



JAGTAP VISHAL CPI-7.98



KUBADIA BHOOMIK

Rankers of the Institute for Academic Year 2017-18

B.E.-IV (B)







Computer Engineering

B.E.-I



MISTRY MEGHA CPI-9.03



PURABIYA KUNDAN CPI-8.78



BHUMIKA PATEL CPI-8.20

B.E.-II



CPI-8.28



KATIRA KARAN



PATEL KHEVNA

B.E.-III



MAKWANA AKSHAY



CPL-8.85



MALI YASHWANT

B.E.-IV



CHIA HEMANGIBE CPI-8.91



MISTRY RICHA



PATEL NAMRATA

Rankers of the Institute for Academic Year 2017-18 **Automobile Engineering**

B.E.-I



KAMBLE VISHAL CPI-7.23



SHAH AAGAM CPI-6.65



CPI-6.42

B.E.-II



KALWAR RAJKUMAR CPI-7.41



SHAIKH MOHAMMAD SAAD CPI-6.70



DAVARA DHRUVIK CPI-6.56

B.E.-III



PATIL SHUBHAM CPI-7.49



PRAJAPATI KEVIN **CPI-7.35**



CPI-7.38

B.E.-IV



SARODE VINAY CPI-8.27



MAURYA AMITKUMAR CPI-7.70



PARMAR KEVAL CPI-7.66

Electrical Engineering

B.E.-I



LAD KEYUR CPI-7.57



MISTRY ADITYA CPI-7.12



PATEL CHIRAG CPI-6.88

B.E.-II



CPI-8.16

TANDEL DINKY

CPI-7.98



PATEL PARTH CPI-7.64

Rankers of the Institute for Academic Year 2017-18

B.E.-III



PATEL HETVI



PATEL KEYUR



THAKOR DARSHAN

B.E.-IV



CHAMDIYA PRAKASH CPI-8.42



PATEL PRIYANK CPI-8.16



PATEL RAIAT CPI-8.15

Civil Engineering

B.E.-I



TUSHAR D. MISTRY CPI-8.73



SIDDHI D. CHAUHAN CPI-8.45



RAJ T. PATEL CPI-8.42

B.E.-II







BHAKTI MODI CPI-8.35

B.E.-III (A)



JAY BHANUSHALI CPI-8.08



NAISHADH VEKARIYA CPI-8.04



DHARA CHOVATIYA

B.E.-III (B)



PAYALBEN TANDEL



VIDHYABEN PATEL



LOMAKUMARI PATEL

Rankers of the Institute for Academic Year 2017-18

B.E.-IV (A)







B.E.-IV (B)







With Best Complements From



202 Pavan Complex, Opp Glacier Complex Jetalpur Road, Vadodara-7, Gujarat Tele Fax: +91-265-2355867 (O) 0265-2355869 M.98240 28343

E-mail: rcpatel 42@yahoo.co.in

Specialist in Water Supply, Effluent Pipeline R.O.U. of Cross Country Pipeline, And All Type Of Civil And Mechanical Works



From Desk of Head of Mechanical Department

The Mechanical Department at GDEC-Abrama, is to provide students with a sound mechanical engineering education, enhance the understanding and application of mechanical engineering principles, for techno economic development of the country, and improve the quality of life of our citizens through teaching, research, and outreach programs. The students are taught by excellent experienced faculties who have graduated from renowned universities, and who are very conscientious in carrying out their teaching duties. The approach of the department is to make the learning process for the students interesting and participative with experiential learning and strong emphasis on practical education, and exposure to real time scenarios through strong industry interface. The department is provided with sufficient resources to meet these objectives. The faculties are motivated to update their knowledge base through regular faculty development programs and research. The students are also encouraged for participation in various technical competitions and industrial exhibitions. The goal of the department is to produce global engineers par excellence. Department conducted a training programme every

year on "Value adding course on Solidworks" for mechanical /automobile engineering students and industry participant, also this year CNC programmer training under PMKVY is started to train the unemployed youth in Engineering skills.

-Prof (Dr.) H. S. Patil

Sr. No.	Staff Name	Designation	Qualification
1	Dr. Hiralal S. Patil	Head of Department and Professor	M.E., Ph.D. (Mechanical)
2	Dr. Dilip C. Patel	Head of Workshop and Associate Professor	M.Tech. , Ph.D. (Mechanical)
3	Prof. Mayur R. Patel	Assistant Professor	M.Tech. (CAD/ CAM)
4	Prof. Daksh R. Tandel	Assistant Professor	M.E.(Cryogenics)
5	Prof. Hariketan B. Patel	Assistant Professor	M.E.(CAD/CAM)
6	Prof. Bharat H. Gajera	Assistant Professor	M.E. (Machine Design)
7	Prof. Hitesh C. Rana	Assistant Professor	M.E. (Machine Design)
8	Prof. Bruhad. S. Naik	Assistant Professor	M.Tech. (Thermal Engineering)
9	Prof. Dharmik. A. Patel	Assistant Professor	M. E. (Thermal Engineering)
10	Prof. Harsh. R. Naik	Assistant Professor	M. Tech.(CIM)
11	Prof. Tarun. N. Patel	Assistant Professor	M. Tech.(CAD/CAM)
12	Prof. Akash. A. Patel	Assistant Professor	M. E. (Machine Design)
13	Prof. Nitish. K. Lad	Assistant Professor	M. E. (Thermal Engineering)
14	Prof. Krunal A. Hathiwala	Assistant Professor	M. E. (Thermal Engineering)
15	Prof. Dhaval S. Chaudhari	Assistant Professor	M.Tech.(IPED)
16	Prof. Bharat H. Gajera	Assistant Professor	M.E.(Machine Design)
17	Prof. Jigar S. Rathod	Assistant Professor	M.Tech. (Mechanical)
18	Mr. Hitesh N. Patel	Lab Assistant	B.E.(Electrical Engineering), Diploma(Mechanical)
19	Mr. Jatin K. Patel	Lab Assistant	Diploma(Mechanical Engineering)
20	Mr. Brijesh B. Patel	Lab Assistant	Diploma(Mechanical Engineering)
21	Mr. Divyesh C. Patel	Workshop Technician	I.T.I (Fitter)
22	Mr. Bhavesh N. Tandel	Workshop Technician	I.T.I (Welder)
23	Mr. Kiran C. Nayaka	Workshop Technician	I.T.I (Fitter)
24	Mr. Ismail I. Saiyad	Workshop Technician	I.T.I (Carpenter)
25	Mr. Bhavin M. Patel	Lab Attendant	Agriculture Diploma



From Desk of Head of Electrical Department

As a Head of Electrical Engineering Department, GIDC Degree Engineering College it gives me immense pleasure to write this message for all my dear students.

A report on Indian education admits that "There is too much emphasis on western ideas, and teachers under training do not get exposed effectively to Indian philosophical and psychological concept of education". Progressively erosion of values among teachers as well as students is seen as a highly dangerous development. Hence, there is a need of ethical education system which should be "Scientific" at the same time.

The end of education should be man-making. The end & aim of training should be to make men to grow. Education is the manifestation of the excellence already in man.hnology.

"The training, by which the current and expression of will are brought under control and become fruitful, is called education".

-Swami Vivekananda

Education is not just a degree certificate. A degree certificate tells us that a person has a lot of information in one area, but that does not necessarily reflect his/her abilities and capabilities to live trustworthy. An educated individual is one who has the ability to differentiate between right and wrong & good and evil.

- Prof. Dr. Rakesh J. Motiyani

Sr. No.	Staff Name	Designation	Qualification
1	Dr. Rakesh J. Motiyani	Associate Professor & Head	PhD, ME (Electrical Power Engineering), BE (Electrical), MIE. MISTE, Chartered Engineer
1	Dhaval K. Patel	Assistant Professor	M.E.(Electrical Engineering)
2	Ketan K. Lad	Assistant Professor	M.E.(Electronics And Communication)
3	Bhavesh S. Patel	Assistant Professor	M.E.(Automation & Control/Power System)
4	Rohit B. Damor	Assistant Professor	M.Tech.(Power electronics, Machine & Drives)
5	Dhruvang R. Gayakwad	Assistant Professor	M.Tech.(Electrical Power Systems)
6	Bhavin S. Trivedi	Assistant Professor	M.E. (Power Electronics)
7	Khyati N. Naik	Assistant Professor	M.Tech.(Electrical Power System)
8	Jay R. Desai	Assistant Professor	M.E.(Electronics And Communication)
9	Dharmishtha T. Patel	Assistant Professor	M.E.(Electronics And Communication)
10	Ankur P. Desai	Assistant Professor	M.E.(Electrical Egg.(Power Systems))
11	Apeksha Desai	Lab Assistant	Diploma Engg.(Mechanical/Electrical Engg.)
12	Chetna Patel	Lab Assistant	Diploma Electronics & Telecommunication Engg.
13	Kamlesh Sonwane	Lab Assistant	B.Tech.(Electrical Engineering)
14	Nikunj Chaudhari	Lab Attendant	B.Com., MSW



From Desk of Head of Civil Department

Civil Engineering is a professional engineering discipline that is considered to be the most versatile branch among all the branches as it consists of large number of real life applications as compared to other fields of Engineering and Technology. Civil Engineer is consider as the base of modern civilization.

As the Civil Engineering is a wide-ranging profession, including several specialized sub-disciplines, its history is linked to knowledge of structures, materials science, geography, geology, soils, hydrology, environment, mechanics and other fields. It is the application of physical and scientific principles for solving the problems of society.

Department of Civil Engineering consists of well-developed laboratories equipped with instruments for soil testing, material testing, geology, applied mechanics, environment engineering and transportation engineering. Seminars, expert lectures and workshops get

conducted by inviting experienced and knowledgeable faculties from the various institutes in order to enhance the practical knowledge of the students by making them aware about the various on-site and off-site existing difficulties with the best possible solutions for them. Technical tours and visits to the industries and water treatment plants also get organize for the students.

Department of Civil Engineering consists of a team of qualified and experienced staff members to serve the best of their knowledge for the students up gradation. There are total 16 members in teaching staff and 3 members in non-teaching staff having specialization in various fields of Civil Eng. such as Structure Eng., Transportation Eng., Urban Planning, Water Resources Management and Geotechnical Eng., serving their best for the welfare of the society through proper training of the civil students.

- Prof. Dr. Bhavin G. Patel

Sr. No.	Staff Name	Designation	Qualification
1	Dr. Neeraj D. Sharma	Principal & Professor	Ph.D. (Civil Egg.)
2	Dr. Bhavin G. Patel	Associate. Prof. & Head of Dept.	Ph. D. (Civil-Structure Engg.)
3	Vikunj K. Tilva	Assistant Professor	M.E. (CASAD.)
4	Nilesh R. Parmar	Assistant Professor	M. Tech (Structural Engineering)
5	Sunil V. Jaganiya	Assistant Professor	M. Tech (Structural Engineering)
6	Pritesh R. Rathod	Assistant Professor	M. Tech (Structural Engineering)
7	Rajankumar J. Lad	Assistant Professor	M.E. (Transportation Engineering)
8	Manali S. Shah	Assistant Professor	M.E. (Water Resources Management)
9	Mihirkumar B. Naik	Assistant Professor	M.E. (Construction Management)
10	Krutika A. Chauhan	Assistant Professor	M.E. (Structural Engineering)
11	Jaldip J. Patel	Assistant Professor	M. Tech. (Structural Engineering)
12	Nimit J. Raval	Assistant Professor	M.E. (Highway and Transportation Engg.)
13	Hemina Z. Patel	Assistant Professor	M.E. (Environmental Engineering)
14	Anita P. Patel	Lab Assistant	Diploma Civil Engineering
15	Bina D. Patel	Lab Assistant	Diploma Civil Engineering
16	Foram D. Patel	Lab Assistant	B.E. Civil Engineering
17	Shailesh A. Patel	Lab Attendant	S.S.C.



From Desk of Head of Computer Department

Currently, we are in the robustly evolving phase of digitization. In this phase, the responsibility increases multifold being an IT- Technocrat and same is the sentiment of whole Computer Engineering Department at GIDC Degree Engineering College. The Department has a comprehensive curriculum on topics related to all aspects of Computer Engineering with an emphasis on practical learning to deal with the phase efficiently.

The Department has state-of-the-art infrastructure and computing equipment supported by high-speed Ethernet and wireless networks. Students are provided with individual work-spaces and desktop computers consisting of high-end configuration.

The faculty members of the department are well experienced and excellent in a teaching field. Apart from the curriculum, the department has actively organized expert lectures for students on various technical as well as non-technical topics which are delivered by professionals from the industry/academia. In the current academic year, the department has

successfully organized two Short term training program based on Android application sponsored by GTU and Internet of Things sponsored by GUJCOST. In this program students and faculties from various diploma and degree engineering college was actively participated.

The department has been working towards placements of its students very diligently. In the current academic year few Companies like TCS-ion, BosLeo, GoldenMace IT Solutions Pvt. Ltd., VMukti Solution, SSM INFOTECH Solutions Pvt.Ltd., Softyug, Mango Technology, Peacock Technologies etc. have visited the department for Campus Selection and many elite students of the department have been placed last year. In the current academic year few more companies will be visiting for placement.

With the tie-ups with the well renowned companies like NSEIT Ltd., TCS Ltd., Aptech Ltd., Ace Integrated Sol. Ltd., etc. computer department has generated a good sum of revenue this year too by hosting multiple online examinations at GDEC.

With the most proficient and enthusiastic staff members, Computer Engineering Department will continue to deliver quality education along with constructive co-curricular activities for the betterment of students and allied technocrats.

- Prof. Archana Nayak

Sr. No.	Staff Name	Designation	Qualification
1	Archana M. Nayak	Assistant Professor (Head of Dept.)	P. hd. (Pursuing) ME(Computer Engg.)
2	Kaushik S. Patel	Assistant Professor	M.Tech (Computer Engg.)
3	Kaushal T. Kevadia	Assistant Professor	P. hd. (Pursuing), ME(Computer Engg.)
4	Hetal M. Patel	Assistant Professor	ME (Computer Sci. & Engg.)
5	Brijesh U. Patel	Assistant Professor	M.E (Computer Engg.)
6	Bhumika H. Patel	Assistant Professor	M.Tech (Computer Engg.)
7	Pankti S. Naik	Assistant Professor	M.E (Information Tech.)
8	Mihir A. Mishra	Assistant Professor	M.Tech (Computer Sci. & Engg.)
9	Vibhuti P. Patel	Assistant Professor	M.Tech (Computer Engg.)
10	Kushal D. Patel	Assistant Professor	M.Tech (Computer Engg.)
11	Tejas B. Patel	Assistant Professor	ME (Computer Engg.)
12	Himanshu R. Patel	Lab Assistant	BE (Computer Engg.)
13	Nilesh G. Patel	Lab Assistant	Diploma (Computer)
14	Amruta S. Naik	Lab Assistant	Diploma (Computer)
15	Harish L. Patel	Lab Attendant	SSC

A STATE OF THE STA

From Desk of Head of Automobile Department

MISSION

To produce most competent engineers with learning facilities comparable to world class standards designing and manufacturing of modern fuel efficient, aerodynamic and eco friendly automobile systems through innovative ideas and practices.

The need of day is quick, cheap and easy transportation. With a population of over a billion people the automobile industry of our country can only grow by leaps and bounds.

To cater to the needs of ever expanding automobile industry, the department proposes an ever progressing process of learning and skill development to the eager students. The department consists of a committed faculty and well equipped labs like automotive components Lab, Engine performance and Emission testing Laboratory, Vehicle Servicing Laboratory, Automotive Sensors and Controls Laboratory, Automotive Electrical and Electronic Laboratory, Automotive

Embedded Systems Laboratory, CAD/CAM center, Thermal Engineering Laboratory, etc. The software packages available in the department include Pro-E, CATIA, ANSYS, for the faculty and aspiring students to pursue their research and project work.

The department also encourages all round development of students by conducting guest lecturers, arranging various inplants training to get more practical knowledge, fieldtrips, recreational activities, industrial visits to renowned industries, supporting SAE (Society of Automobile Engineers events and also arrange Pradhan Mantri Kaushal Vikash Yojana (PMKVY) programs to train the unemployed youths.

- Prof. Toral V. Patel

Sr. No.	Staff Name	Designation	Qualification
1	Toral V. Patel	I/C Head of Dept. & Assistant Professor	M.Tech (Thermal Engg.)
2	Ashish O. Jain	Assistant Professor	PhD Pursuing, M.E. (I.C.Engines) Gold Medalist
3	Ankit K. Patel	Assistant Professor	M.E.(Automobile)
4	Sunil R. Khokhar	Assistant Professor	M.E.(Machine Design)
5	Mayur J. Jalanapurkar	Assistant Professor	M.E.(I.C.Engines & Automobile)
6	Kenal D. Tandel	Assistant Professor	M.Tech (Machine Design) Gold Medalist
7	Manoj U. Patel	Lab Assistant	Diploma in Mechanical Engineering
8	Dixit R. Patel	Lab Assistant	B.E. (Mechanical)
9	Anil Patel	Lab Attendant	SSC



From Desk of Head of ASH Department

It gives me pleasure to introduce the department of Applied Sciences and Humanities which is like **Unity in Diversity** – as the department teaches various subjects like Mathematics, English, Management, Physics, etc. which are the foundation subjects for all the branches of engineering and technology, the vision is to enhance & empower the scientific temperament of the students through the knowledge of core courses of Applied Sciences & Humanities.

The department offers excellent academic environment with a team of highly qualified faculty members to cater the needs of the students and to inspire them to develop their technical skills. In addition to the primary teaching duties, some of them have their publications in National as well as International Journals of repute, all the faculties of the department are either Ph.D. or Ph.D. pursuing.

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.

-Prof (Dr.) Shailesh S. Patel

Sr. No.	Staff Name	Designation	Qualification
1	Dr. Shailesh S. Patel	Professor & HOD	M.Sc. , Ph.D. (Mathematics)
2	Mr. Harshal G. Vashi	Assistant Professor	B.E. (I & C), M.B.A. (H.R.), Ph.D.Pursuing(Management), GSET Qualified
3	Dr. Rajiv Kumar Singh	Assistant Professor	M.Sc. , Ph.D. (Mathematics), CSIR, UGC-NET
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 V. Panchal	Assistant Professor	M.B.A. (H.R.), Ph.D Pursuing
7	Ms. Nisha S. Parekh	Assistant Professor	M.A. (English), M.Phil., (English) Ph.D Pursuing (English), GSET
8	Mr. Aakash N. Patel	Lab Assistant	M.Sc. (Physics) Diploma(Mech.)
9	Mr. Bhavin Patel	Lab Attendant	H.S.C

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 discipline. Our library functions under the open access system. National, International journals and magazine are being subscribed in our library. And also we have an online journal. E books also available in library. Our library is fully furnished with all facilities. Seating capacity of the library is around 130 students.

> - Mrs. Priyanka Kher I/C Librarian

Library Book Details:

No. of Books	Titles : 8287	Volum	es : 1645
Journals & Periodicals	International Journal	13	
	National Journal/Magazine	46	59
E Journal	DELNET		·:-
Newspaper	5 (English & Gujarati)		
Total number of CD/DVD	369		
Software	SOUL 2.0 software connected with INFLIBNET, Ahmedabad.		







Library Staff:

Sr.No.	Name	Designation
1	Mrs. Priyanka S. Kher	I/C Librarian
2	Mrs. Hemlataben Ahir	Lab Attendant



Administration Staff

Sr. No.	Name	Designation	Qualification
1	Mr. Naik Ritesh R.	Office Superintendent	B.B.A.
2	Mr. Patel Sanjay T.	Accounts Officer	M. Com, LLB
3	Mr. Shukla Darshan N.	Clerk	B. Com, MBA
4	Mr. Patel Manish S.	Clerk	B. Com, LLB
5	Ms. Desai Jigna J.	Clerk	B. Com
6	Mr. Desai Nirav N.	Store Keeper	B. Com
7	Mr. Patel Parimal R.	Electrician	I.T.I.
8	Mr. Patel Sunil N.	Attendant	HSC
9	Mr. Deshmukh Gautam A.	Attendant	HSC
10	Ms. Patel Priti P.	Attendant	HSC

TRAINING AND PLACEMENT CELL

GIDC Degree Engineering College has full-fledged and well equipped Training and Placement Cell led by Prof. Harshal G. Vashi as the Training & Placement Officer In-Charge. Training and Placement Cell is an integral part of our institution. The institute has provided the complete infrastructure for effective functioning of the cell. The cell is sensitized to function all through the year towards generating placement and training opportunities for the students. The cell is designed to function with a high degree of professionalism. It provides almost instantaneous data to the corporate sector with regard to the candidates available for consideration towards placement in accordance with the preserved requirements. Indeed, we have been appreciated more often.

T & P Cell at a glance:

- Exploring placement opportunities by inviting various companies for campus recruitment of students.
- To create a corporate friendly atmosphere in the college campus and to train & prepare the students, to face the rigors of professional world.
- To create GDEC as a preferred destination for companies to conduct their placement activities.

Placement Objectives:

- To assist students, to develop and clarify their academic and career interests, and their short and long-term goals through individual counseling and group sessions.
- To assist students develop and implement successful job search strategies.
- · To assist employers to achieve their hiring goals.
- To serve the society by providing access to our campus wide activities & career resources.
- To act as a link between students, alumni and the employment community.
- · To assist our students in obtaining final placement in reputed companies.

Job Fair

Training and Placement Cell of GIDC Degree Engineering College has organized JOB FAIR 2018 at college campus on 23rd and 24th May, 2018. Around 400 students and jobseeker of various disciplines of B.E./B.Tech (Mechanical, Automobile, Electrical, Electronics, Electronics & Communication, Computer and Civil Engineering) plus M.C.A., M.Sc.-I.T. and other fields from 22 colleges across South Gujarat region has participated in this JOB FAIR enthusiastically.

The objective of this JOB FAIR 2018 was to provide ample opportunity of placement to candidates, locally, for their bright future and at the same time provide recruiters a suitable platform with large number of candidate at single stop. Around 22 Reputed Companies of various background of engineering such as Maxxis Rubber, Theis, HLE, Transit Electronics, PureSkills, Bcatalyst, VMukti, Antim Technlogies, ICICI Prudential, Hilti, Sun Technovation, FlexPro Electricals, Reliance Life Insurance, Pulse Technologies, Navkar Soft, VCERP, BNPrecast, Nebula, KCT Consultancy, one of the leading telecom companies etc have participated to recruit registered candidate in the JOB FAIR.

Before organizing the JOB FAIR, requirements of companies were collected and accordingly students were trained to deliver their best in JOB FAIR interview process. During JOB FAIR candidates were selected for final round of interview after going through primary test (written test) and group discussion.

About 379 students have appeared in the first round of JOB FAIR interview process. Out of which 120 students have been shortlisted for final interview. Few of these companies have declared their result of final selection for the appointment at various positions at respective company. Dr. H. S. Patil, Prof. Archana Nayak, Prof. Nilesh Parmar and Prof. Harshal G. Vashi has lifted endeavor to make this JOB FAIR fructuous. All the faculties along with non-teaching staff of college gave their contribution to make this event successful.

Placement Records

Department	Year	Organization	Student Name
Electrical Engineering	2018-19	SaHarsh Solutions	1. Pinal Tandel
Computer Engineering	2018-19	AtoZ INFOWAY LLP	1. Raj Pawar 2. Urvesh Mishra
Computer Engineering	2018-19	Tata Consultancy Service Limited (TCS)	1. Akshay Makwana
Computer Engineering	2018-19	Sthapati InfoTech PVT, LTD.	1. Desai Maitri 2. Patel Rinkal

Department	Year	Organization	Student Name
Electrical Engineering	2018-19	TCS-ion	1. Patel Priyank R.
Civil Engineering	2018-19	Prabhakunj developer	1. Patel RohanKumar B.
Computer Engineering	2018-19	GoldenMace IT Solutions Pvt. Ltd.	1. Yashwant Mali
Electrical & Mechanical Engineering	2017-18	Maxxis Rubber India Pvt. Ltd.	1. Jerin Johnson 2. Harsh Rana 3. Jenil Soni 4. Parth Pandya 5. Mayur Prajapati
Mechanical Engineering	2017-18	Sona Extrusion Pvt. Ltd.	1. Bhavik Patel 2. Kavan Patel 3. Ravi Patel 4. Shyam Gajera 5. Tejas Vashi
Mechanical Engineering	2017-18	Sun Teknovation Pvt. Ltd.	1. Bhoomik Kubadia
Electrical Engineering	2017-18	FlexPro Electrical	1. Hiren Solanki
Electrical Engineering	2017-18	Pulse Technology	1. Dhruvir Rana 2. Sharad Patel 3. Vatsal Patel
Civil Engineering	2017-18	BNPrecast	1. Patel Prashant S. 2. Shahrukhkhan Pathan 3. Chirag Nakum
Civil Engineering	2017-18	PRABHAKUNJ Developers	1. Patel Prashant S. 2. Rathod Mihir A.
Computer Engineering	2017-18	Ethos HR management & Projects Pvt. Ltd.	1. Himanshu Patel 2. Deep Patel
Computer & Mechanical Engineering	2017-18	HLE Engineers Pvt. Ltd.	1. Rahul Nair 2. Nikita Tandel
Computer Engineering	2017-18	Silverwing Technologies Pvt. Ltd.	1.Akansha Raidas
Computer Engineering	2017-18	Navkar Software	1. Ankit Mishra 2. Akanksha Desai
Computer Engineering	2017-18	Glodenmace IT Solutions	1. Mohit desai 2. Bhavin Parmar 3. Rohit Nikam 4. Panthil Patel
Computer Engineering	2017-18	Srijani Webtech	1. Singh Diana Nirmal 2. Shukla Kevin 3. Patel Mitali B.
Computer Engineering	2017-18	Srijani Webtech	1. Mali Yashwant 2. Arpita Patel 3. Parth Panchal 4. Dintal Patel 5. Maitri Patel 6. Bhalodia Nisha
Computer Engineering	2017-18	SSM InfoTech	1. Mitva Shah
Computer Engineering	2017-18	BosLeo Technology Pvt. Ltd.	1. Gaurav Saulanki

Department	Year	Organization	Student Name
Computer Engineering	2017-18	Peacock Technologies	1. Daina Nirmal Singh
Computer Engineering	2017-18	Leocan Technologies	1. Kushang Oza
Civil & Computer Engineering	2017-18	Reliance Life Insurance	1. Mansi Kapadia 2. Rajesh Goswami
Computer Engineering	2017-18	Vmukti Solution	1. Ankit Mishra 2. Miraj Bhavsar
Mechanical Engineering	2016-17	D. H. Patel & Associates	1. Patel Lavish V. 2. Modi Amitkumar V.
Mechanical Engineering	2016-17	Suresh Mechanical Works	1. Panchal Vinay I.
Electrical Engineering	2016-17	SSM INFOTECH Solutions Pvt.Ltd.	1. Mistry Kevalkumar P. 2. Doctor Mohamad Shafi Mohamad Harun 3. Prajapati Hardikkumar M. 4. Pawar Bhavesh S.
Automobile Engineering	2016-17	Kataria Automobiles Pvt. Ltd.	1. Pancholi Vivekumar 2. Patel Hiral 3. Champaneri Abhishek R.
Computer Engineering	2016-17	Softyoug Software Solutions	1. Naik Yash B. 2. Akshta Ramakhyani 3. Lakhan Vachani 4. Deep Patel 5. Vyanjana Patel 6. Poshiya Piyush 7. Ladani Nikunj
Computer Engineering	2016-17	La Net Team Software Solutions Pvt. Ltd.	1. Aghera Sachin G.
Computer Engineering	2016-17	BosLeo Technology Pvt. Ltd	1. Aghera Sachin G.
Mechanical Engineering	2015-16	HLE Engineers Pvt. Ltd.	1. Patel Vicky B. 2. Lakdawala Karn K.
Mechanical Engineering	2015-16	Jalaram Steel Furniture	1. Ansari Mohammed Suhail M.
Mechanical Engineering	2015-16	Capto Engineering Co.	1. Patel Karmkumar R.
Civil Engineering	2015-16	Sthapati Consultant & Pvt. Ltd.	1. Rathod Vivek
Civil Engineering	2015-16	D. R. D. Construction	1. Panchal Hemik 2. Patel Rinal
Civil Engineering	2015-16	S.S. Infrastructure	1. Jitendra Purohit 2. Mayank Gupta 3. Mustafa Ghasia 4. Dharmik Gondaliya
Computer Engineering	2015-16	Softyoug Software Solutions	1. Gajjar Rashmika K. 2. Rana Nikhil H. 3. Patel Krupal J. 4. Patil Vaibhav A. 5. Parate Janak I.
Computer Engineering	2015-16	Metatree Systems Pvt. Ltd.	1. Patel Pinkal L.





Training & Placement Team

Training & Placement Officer In-Charge:	Prof. Harshal G. Vashi
Department Coordinators for Training & Placement:	Prof. Sunil R. Khokhar, Prof. Mayur J. Jalanapurkar, Prof. Kenal D. Tandel, Prof. Sunil V. Jaganiya, Prof. Rajan J. Lad, Prof. Jaldip J. Patel, Prof. Kaushal T. Kevadia, Prof. Pankti S. Naik, Prof. Kushal D. Patel, Prof. Ketan K. Lad, Prof. Dhruvang R. Gayakwad, Prof. Khyati K. Naik, Prof. Tarun N. Patel, Prof. Dhaval S. Chaudhari, Prof. Harsh R. Naik, Prof. Ishita V. Panchal, Mr. Darshan N. Shukla

Industry Sodh Yatra (ISY)

Final Year (2019 pass out Batch) student of Computer Engineering Department has visited various software Companies during month of June, 2018 as part of their Industry Sodh Yatra (ISY) program of GTU.

Students have visited following industries for Training:

- Goldenmace IT Solution, Navsari
- AnTim Technologies LLP, Surat
- Synergy Info solution, Navsari
- Atul Limited, Valsad
- IIHT, Navsari
- Srijani Webtech



Industrial Internship

About 13 final year and pre-final year students of Computer Engineering department joined Internship at various software company.

Student Name	Company Name		
Ruju Desai	Atul Limited		
Mitali Patel	Srijani Webtech		
Panthil Patel	Goldenmace IT Solutions		
Rohit Nikam	Goldenmace IT Solutions		
Kevin Shukla	Srijani Webtech		
Mohit Desai	Goldenmace IT Solutions		
Akshay Makwana	Goldenmace IT Solutions		
Bhavin Parmar	Goldenmace IT Solutions		
Yashwant Mali	Goldenmace IT Solutions		
Raj Pawar	AtoZ INFOWAY LLP		
Urvesh Mishra	AtoZ INFOWAY LLP		
Desai Maitri	Sthapati InfoTech PVT. LTD.		
Patel Rinkal	Sthapati InfoTech PVT. LTD.		

WUDAAN Sky has no Limit 2018

National Level Tech-Fest UDAAN (Sky has no Limit)- 2018 a technical event took place on 4th & 5th October, 2018 at GIDC Degree Engineering College (GDEC).

The event inauguration ceremony was followed by the lamp lightening and felicitation with plants. The chief guest Dr. Utkarsh Shukla, Sr. manager of R & D Department, Atul- Ltd; the Guest of Honour Mr. Rakesh Patel, Director & founder of Sona Extrusion Pvt Ltd; Our trustee members Dr. A. K. Dave, CA Vinodchandra Desai & Dr. Dinkarrai G. Naik; Principal, Dr. N. D. Sharma; Convener Dr. H. S. Patil; Coordinators Dr. D. C. Patel & Prof. Archana Nayak lightened the lamp for this occasion.

The guest of honour Mr. Rakesh Patel encouraged the students by sharing his own story about the building of Sona Extrusion as commerce graduate and with having only schooling technical background. Chief Guest Dr. Utkarsh Shukla, gave a very inspirational and interesting speech on technology and current scenario of industry requirement of engineers in industry. He also encouraged the students with motivational story.

During this festival, students from various engineering colleges actively participated. The tech fest had several technical and non-technical events along with many fun filled games and stalls. In these 2 days the technical events included - Innovative Prototype Development, Sherlock, Mech-Mania, Electro-Extreme, Autokriti, Technical Paper Presentation, Robot Race, Robo War, D-Transport etc. while non-technical events were treasure hunt, ad mad, PUBG mobile, NFS etc. All the events were a huge success with active participation of students from various colleges. There were also few games which was a huge attraction for everyone. In this event more than 2500 participants from institute as well as outside the institute participated enthusiastically.

In this technical festival student has exhibited their research based on model of the Smart India, initiative by the Government of India. Smart Dustbin, Smart Farming Automation, Wireless Power Transmission, Smart Automatic Energy Meter reading system, injection molding machine, Automatic Chikoo Classification Machine, Solar Power based Vehicle, Sewerage Treatment Plant and bubble deck slab etc. innovation model has exhibited by the students of different department of GDEC College.

During the tech fest, students also got an opportunity to visit the Mobile Renewable Energy Demonstration Van and Mobile Energy Conservation (Urja Mitra) Demonstration Van. This has made available in the campus from Gujarat Energy Development Agency-Gandhinagar for 2 days with efforts of Dr. R. J. Motiyani. Our Students have learnt the importance of energy conservation as well as importance of renewable sources of energy.

Valedictory ceremony was graced by Principal, Dr. N. D. Sharma; Convener Dr. H. S. Patil; Coordinators Dr. D. C. Patel & Prof. Archana Nayak and heads of various departments. All the prizes were given during the closing ceremony with certificate of excellence, tech fest shield and cash prizes. The cash prizes of Rs.50,000/- has been given to the students who

Patron		Programme Convener		Programme Coordinators	
Prof. Dr. N. D. Sharma		Prof. Dr. H. S. Patil		Dr. D. C. Patel, Prof. A. M. Nayak	
	De	epartment Progr	amme Coordina	tor	
		Sunil V. Jaganiya Prof. Ketan K Civil Dept.) (Electrical D			
Prof. Mayur Jalanapurkar (Automobile Department)		Prof. Kenal Tandel (Automobile Department)		Prof. Mansi Desai (ASH Department)	

secured 1st and 2nd position in various events which has been sponsored by SAICAD Navsari, CADD Centre Valsad & IIHT Navsari.

In the vote of thanks of valedictory ceremony, Prof. Archana Nayak thanked the organizing committee; teaching and non-teaching staff involved directly -indirectly for making the 2 days national level tech fest-UDAAN successful. Organizing such an event was never an easy task and it would have not been such a success without team work. The hard work of all the organizers and volunteers was responsible for the success of national level tech fest-UDAAN.







Sr. No.	Competition	Name of Student	College	Department	Position
1	APTITUDE &	MAURYA SOURAV V.	Prime Institute	Computer	Winner
	REASONING	VERMA HARSHIL V.	Prime Institute	Computer	Runner Up
		SHAH MANAV K.	GDEC	Automobile	Winner
		AHIR SHUBHAM J.	LIT, SARIGAM	Automobile	Runner Up
		RUPABINDA PARTH.	GDEC	Civil	Winner
		PATEL NIRALIBEN	GDEC	Civil	Runner Up
		ROY RAUNAK	GEC, VALSAD	Electrical	Winner
		CHAWLA SIDDHANT	C K Pithawala, Surat	Electrical	Runner Up
		THAKOR SIDDHARTHSINH D.	GEC, VALSAD	Mechanical	Winner
20		KAPTAN SAGAR N.	GDEC	Mechanical	Runner Up
2	POSTER PRESENTATION	KADAM JAY V. DHWANIL J. TAILOR MANDAVIYA YASH M. RAJPUT ASHWIN KUSHAL POTDAR	GDEC	Computer	Winner
		REETIKA SHAH PRIYA JHA BHRANTI TAMBOLI	SSAIET	Computer	Runner Up
		BHUMIK SOLANKI VIKRAM MANDAL VISHAL KAMBLE PRATIK RATHOD	GDEC	Automobile	Winner
		SONDARVA JAYNESH M. MEET PATEL J. BAKTYAN AASIM A.	GDEC	Automobile	Runner Up
		JADHAV SANDEEP BAGUL KARTIK PATEL ASHISH	GDEC	Civil	Winner
		MISTRY CHARMI CHAUHAN BRINDA DESAI PRIYA	GDEC	Civil	Runner Up
		BHOGA VYANKTESH S. RANA RINKAL A. PATEL ASUTOSHBHAI K. RANA ANJALI D.	GDEC	Electrical	Winner
		PATEL PARTHKUMAR D. MISTRY AKSHAYKUMAR G. MISTRY SHUBHAMKUMAR I. TANDEL DHANANJAY B.	GDEC	Electrical	Runner Up
		HALPATI PIYUSHBHAI J. PATEL JAYNISHKUMAR A. PATEL KEVAL H.	GDEC	Mechanical	Winner

Sr. No.	Competition	Name of Student	College	Department	Position
	POSTER PRESENTATION	SHAH STUTI P. DHODIYA DIXIKA M. PATEL RIYA N.	SNPIT, UMRAKH	Mechanical	Runner Up
3	3 INNOVATIVE PROTOTYPE DEVELOPING	BHAVIN N. PARMAR MOHIT K. DESAI VIRAJ N. KANSARA	GDEC	Computer	Winner
		PATEL KRUNAL C. BHANDARI JUGAL B. SHAH ADISH MODI DARSHIT K. PARTH PATEL	GDEC	Computer	Runner Up
		KEVIN PRAJAPATI KASHYAP MISTRY JAYNISH PATEL GAURAV MISTRY	GDEC	Automobile	Winner
		PATIL SHUBHAM SINGH AYUSH BADATYA BALRAM LAD CHIRAG	GDEC	Automobile	Runner Up
		PATEL HIRAL PATEL HIMANI PATEL CHAITALI LAD HIRAL MISTRY PRIYA	GDEC	Civil	Winner
		RAMPARIA DHAVAL A. PATEL MIRAL R. PATOLIYA AMIT G. GANDGANI SHIVAM L. CHAVDA DEEPAK A.	GDEC	Civil	Runner Up
		TARSARIYA MEHUL H. PATEL TALAYKUMAR A. PATEL ABHI A. LIMBACHIYA GAURAV B. NAYKA VISHAL D.	GDEC	Electrical	Winner
		PATEL KINJAY PATEL MIHIR PATEL NEEL LAD TARANG GUPTA RAJ	GDEC	Electrical	Runner Up
		GANDHI NIRAV R. LAD DHRUVKUMAR M. PATEL ANKITKUMAR M. PATEL ARPITKUMAR R. PATEL DARSHANKUMAR S.	GDEC	Mechanical	Winner
		PATEL PARTHKUMAR P. PATEL RAHULKUMAR K. PATEL RONAK V. RATHOD PARTHKUMAR S. PATEL TEJAS R.	GDEC	Mechanical	Runner Up

Sr. No.	Competition	Name of Student	College	Department	Position
4	SHERLOCK	YADAV DHANRAJ DEEPSINH PATIL KAVITA VINODBHAI	GDEC	Computer	Winner
		NISHITA JAYESHBHAI S PATEL ANJALI R.	GDEC	Computer	Runner Up
5	MECH MANIA (FOR 1ST & 2ND YEAR)	PATEL KETUL PATELPARTH RANA SAMIR PAREKH SMIT	S. S. AGRAWAL, NAVSARI	Mechanical	Winner
		THAR BHAVIK THAKKAR PRAYAS TANNA YASH PORIYA JAYDIP	LIT, SARIGAM	Mechanical	Runner Up
6	6 MECH MANIA (FOR 3RD & 4TH YEAR)	TANDEL KANAIYAKUMAR B. TANDEL KENISHKUMAR R. TANDEL MARTEENKUMAR R. PATEL KEVIN	GDEC	Mechanical	Winner
		TANDEL MEHULKUMAR B. PATEL VIRALKUMAR J. TANDEL JAINESHKUMAR M. TANDEL HILTANBHAI M.	GDEC	Mechanical	Runner Up
7	ELECTROXTREME	PATEL DARSHIT S. MISTRY AKSHAY G. TANDEL DHANANJAY B. MAURYA JAYESH O.	GDEC	Electrical	Winner
		PATEL KINJAY PATEL NEEL PATEL MIHIR PATEL VISHAL	GDEC	Electrical	Runner Up
8	AUTOKRITI	HONEY R. KEVAT MISTRY GAURAV B.	GDEC	Automobile	Winner
		RUZUN J. VASANIA MOBIN M. PATHAN	GP, NAVSARI	Automobile	Runner Up
9	PUBG	MISTRY TIRTH KARAN PATEL KHALASI KRUNAL DESAI DHRUWANG	GEC, VALSAD	COMPUTER	Winner
		VATSAL G. SUVAGIYA BHAVIK V. RUPAVATIA	SSASIT	COMPUTER	Runner Up
10	NFS	MANDAVIYA YASH M.	GDEC	COMPUTER	Winner
		PATEL KEVIN MUKESHBHAI	SSAIET	COMPUTER	Runner Up

Sr. No.	Competition	Name of Student	College	Department	Position
11	GD	SHIVSHANKAR R. SHUKLA	GDEC	Computer	Winner
		AAIYAR NIDHI B.	GDEC	Computer	Runner Up
		BHUMIK SOLANKI	GDEC	Computer	Runner Up
		JHURIA TANEY	LIT, SARIGAM	Computer	Runner Up
.0		AISHAN MISTRY		Computer	Runner Up
12	TECHNICAL QUIZ	PATIL RUTIKA N.	GDEC	Computer	Winner
		PATIL KAVITA V. KANIKA PATEL	GDEC	Computer	Runner Up
		NAIK DARSH	GDEC	Automobile	Winner
		ZAHID JAMADAR	GDEC	Automobile	Runner Up
		MR. SHUAIB KOHEE	GDEC	Civil	Winner
		CHAUHAN SIDDHI D.	GDEC	Civil	Runner Up
		PATEL MAYANK D.	GDEC	Electrical	Winner
		MISTRY SHUBHAM I.	GDEC	Electrical	Runner Up
		PATEL MAYANK D.	GDEC	Mechanical	Winner
		MISTRY SHUBHAM I.	GDEC	Mechanical	Runner Up
13	ROBO WAR	KANSARA VISHAL M. KANSARA PARTH N. PATEL NITYANG N KRATGNA MEHTA .	GDEC	Mechanical	Winner
		SHAH MANAV K. NAIK BHAVYA K. SHAH AAGAM O. PATEL DHVANIL D.	GDEC	Automobile	Runner Up
14	ROBO RACE	PATEL DHAVAL I. PATEL ABHI S. BAROT KAVISH J. AHIR RAKSHIT P. PATEL JIGAR M.	GDEC		Winner
		LIMBACHIYA GAURAV B. NAYKA VISHAL D. PATEL VISHAL PATEL MIHIR	GDEC		Runner Up
15	AD MAD	PRAJAPATI SAGAR J. PRAJAPATI KEVIN R.	GDEC	ANY	Winner

Sr. No.	Competition	Name of Student	College	Department	Position	
16	PAPER PRESENTATION	MAYURI PATEL	GDEC	Computer	Winner	
		TANDEL JANHVI	MGITER	Computer	Runner Up	
		KEVIN PRAJAPATI R. KASHYAP MISTRY R. JAYNISH PATEL R. DEVANG NAIK S.	GDEC	Automobile	Winner	
		AYUSH A. SINGH BADATYA BALRAM V. LAD CHIRAG PATIL SUBHAM R.	GDEC	Automobile	Runner Up	
		CHOVATIYA DHARA H. LAD MOHIT M. KUMHAR RAMESH D. PATEL SHYAM R. PATEL VATSAL A.	GDEC	Civil	Winner	
	D-TRANSPORT	PATEL MIRAL R. GANGANI SHIVAM L. PATOLIYA AMIT G. PATEL NIRAV V. RAMPARIA DHAVAL A.	GDEC	Civil	Runner Up	
			LAD TARANG PATEL KINJAY PATEL MIHIR TANDEL JAYMIN PATEL NEEL	GDEC	Electrical	Winner
		GANDHI AALAP PATEL DEVAL BALSARA DIP DESAI TEJAN	GDEC	Electrical	Runner Up	
		TRIVEDI NAINESHKUMAR V. DESAI JENIL K. GANDHI LAY P. SHIMPI KUNAL R. LAD DARSHAN A.	GDEC	Mechanical	Winner	
		PATEL ARPITKUMAR R. GANDHI NIRAV R. PATEL ANKITKUMAR M. LAD DHRUVKUMAR M. PATEL DARSHANKUMAR S.	GDEC	Mechanical	Runner Up	
17		BHANUSHALI JAY MISTRY DHARMESH PATEL DHRUV PATEL HITESH	GDEC	CIVIL	Winner	
		MOLVI ABDUL MUSHTFA A. GHANCHI USAMA ALTAFBHAI.	Govt. Polytechnic, Navsari.	CIVIL	Runner Up	

Sr. No.	Competition	Name of Student	College	Department	Position
18	TRESURE HUNT	MODI BHAKTI D. KAHAR JINAL V. PATEL TIBANGI V. PATEL DIPALI N.	GDEC	ANY	Winner
		MATCHISWALA RHYTHM Y. PAREKH RADHEY PATEL ISHIKA P. PATEL BHAVINI M.	SSAIET	ANY	Runner Up













SSIP (STUDENT STARTUP INNOVATION POLICY)

Gujarat Education Minister Bhupendrasinh Chudasama in association with Vice Chancellors of the University to form a state-level Student Start-up Innovation Policy (SSIP). The policy was needed to create resources for start-ups, to support the mandate for Student Start-ups in the State.

GIDC Degree Engineering College takes pleasure in announcing that the institute has been selected for SSIP grant. A maximum grant of 20 lakh rupees has been sanctioned for year 2018-19 & remaining 20 lakhs for academic year 2019-2020. Also the institute will provide matching grant of equal amount. SSIP cell has selected total 27 institutes for SSIP grant and GIDC Degree Engineering College has also been selected for SSIP Grant.

STUDENT STARTUP INNOVATION POLICY: KEY OBJECTIVES

The Student Start-up & Innovation Policy of Government of Gujarat aims to create an integrated, state-wide, university based innovation ecosystem to support innovations and ideas of young students and provide a conducive environment for optimum harnessing of their creative pursuit.

- 1) Developing student centric Innovation and Preincubation Ecosystem for Students (IPIES).
- 2) Creating environment for creativity to flourish and an end to end support system in educational institutions to allow ample support to ideas for better execution.
- 3) Build internal capacity of educational institutions and key components of the innovation ecosystem to enable deployed processes to make sustainable impact at scale.
- 4) Create pathways for mind to market by harnessing and handholding projects/research/ innovation/ ideas of students in Gujarat.
- 5) Creating and facilitating sectorial and regional innovation efforts in state around educational institutions.
- 6) Create a common platform to showcase, support and upscale innovations for motivating stakeholders as well as for an opportunity to create value for money and value for many.
- 7) Leverage public system initiatives at state and central level, academia, industries and by other ecosystem stakeholders / domain experts and institutions to make an inclusive effort.

Student Start-up & Innovation Policy (SSIP) cell is comprising of the following Committee

	Principal		SSIP Department Co-ordinators		
	DR. NEERAJ D. SHA	RMA	Sr. No. Name of faculty Department		
Sr. No.	Name of faculty	Department	1	Assistant Prof. Ankit Patel	Automobile Department
1	Assistant Prof. Nilesh Parmar	Civil Department			Civil Department
2	Assistant Prof. Toral Patel	Automobile Department	2	Assistant Prof. Mihir Naik	
	Members		3	Assistant Prof. Bharat Gajera	Mechanical Department
3	Assistant Prof. Harshal Vashi	ASH Department	4	Assistant Prof. Dhruvang Gayakwad	Electrical Department
4	Assistant Prof. Mihir Naik	Civil Department		Tibilitati Fili bili avalla dayakwaa	Electrical Department
5	Dixit Patel (Lab Assistant)	Automobile Department	5	Assistant Prof. Tejas Patel	Computer Department

GIDC Degree Engineering College had also organized several events under SSIP like,

- -Sensitization for first year students was organized on 02 August 2018. About 40 students were attended the event.
- -Expert Talk (Sensitization event of Faculty members) was organized on 01 September 2018. Dr. Yogendra K. Tandel (SSIP Co-Ordinator, Govt. Engineering College Dahod) was invited as a speaker. About 50 faculties were attended the event.
- -SSIP Awareness Programme for students was organized on 27 & 28 September 2018. About 150 students were attended the event.

IPR Scrutiny SSIP Committee					
S.No.	Name of faculty	Designation	Nomination		
1	Dr. N.D.Sharma	Principal	Chairperson		
2	Dr. Hiralal Patil Dr. Shailesh Patel Dr. Rakesh Motiyani	Technical Experts	Member		
3	Mr. Kiritkumar Patel	IPR Expert	Member		
4	Prof. Toral Patel & Prof. Nilesh Parmar	SSIP Coordinator	Member Secretary		

9	Institute Level SSIP Committee					
	S.No.	Name of faculty	Designation	Nomination		
		Dr. N.D.Sharma	Principal	Chairperson		
		Mr. Pankajsinh Thakor	Industry Expert	Member		
		Mr. Jignesh Desai	Industry Expert	Member		
		Mr. Amitbhai Mehta	Finance Expert (CA/CS)	Member		
	5	Dr. Bhavin Patel Prof. Archana Nayak	Academic Expert	Member		
		Prof. Harshal Vashi	Startup Ecosystem Expert	Member		
	7	Prof. Toral Patel Prof. Nilesh Parmar	Institute SSIP Coordinator	Member Secretary		





SSIP Project Screening:

Government of Gujarat under Student Startup Innovation Policy approved grant up to Rs. 2 Lakh to support innovators for proof of concept (prototyping) of the projects and 25,000 for patent support. SSIP cell of GIDC Degree Engineering College had organized first "SSIP Project Screening" on 2nd January 2019 to provide support for proof of concept or patent to potential of young students across various educational institutions in Gujarat.30 groups applied for SSIP Project Screening process across Gujarat. The different project ideas were evaluated based on Innovation, Problem Opportunity, Proposed Solution, Business Model, and Project Viability. Innovative project ideas were presented by students from various colleges of South Gujarat region.





Science fair "Aavishkaram - 2018"

GIDC Degree Engineering College, Navsari had started science fair science last year. After successful completion & warm response from the schools we were encouraged to organize the same for this year also. Aavishkaram – 2018 a Science fair was successfully organized on 6th October 2018 at GIDC Degree Engineering College, Navsari under the leadership of principal Dr. Neeraj Sharma and guidance of convener Dr. Shailesh Patel and co-ordinatorship of Prof. Vikunj Tilva, Prof. Toral Patel & Prof. Harshal Vashi. The science fair was inaugurated by chief guest Shri Piyushbhai Desai MLA, Navsari, guest of honour Shri Rashmikant bhai Patel Vice-chairman of Rotary Eye Institute, Navsari and Shri C.A. Vinodchandra Desai trustee member of GDEC Navsari.

Aavishkaram was categorized in five different fields like 1] Use of Technology in Agriculture 2] Health and waste Management 3] Renewable energy Resources 4] Transportation & 5]Communication and mathematical Modelling .Around 38 projects were displayed by the students and more than 120 schools were approached by the committee members of science fair. Apart from these more than 300 students and teachers from various schools had visited the science fair.

"Renewable Energy Exhibition Van & Energy Conservation Van were the centre of attraction which were available in the campus for 3 days." More than 1000 students took the advantage of exhibition vans. The vans were brought to the campus with the great efforts of Dr. Rakesh Motiyani.

The winners were declared in 5 different categories by the invited eminent judges from various schools. The prize was given to the each category. In each category two ranks were given as first rank holder & the second rank holder. The first prize winners were honoured with 2000/- Rs. cash prize and the second prize winners were honoured with 1500/- Rs. cash prize. Each of the participants was honoured with certificate and T- shirt with college logo as a memory of Avishkaram. All the participants as well as teachers, visitors, guests were so cheerful because of the successful organization of science fair.

Energy Conservation Demonstration Van (Urja Mitra) & Renewable Energy Demonstration Van

Electrical Engineering Department had arranged Energy Conservation Demonstration Van (Urja Mitra) & Renewable Energy (RE) Demonstration Van during "TECHNICAL FESTIVAL" & "SCIENCE FAIR" organized at GDEC Campus from 04.10.2018 to 06.10.2018.

The aim behind organizing Urja Mitra & RE Demonstration Van was to create awareness about Energy Conservation, Renewable Energy conception & its resources among the high school and engineering students participated in the "SCIENCE FAIR" & "TECHNICAL FESTIVAL".

During "SCIENCE FAIR" & "TECHNICAL FESTIVAL", more than 450 students of Engineering Institutes and about 415 students of 14 different schools of Navsari & Valsad district have taken the advantage of Urja Mitra & RE Demonstration Van.

Dr. R J Motiyani & Prof. Ankur Desai have coordinated with Gujarat Energy Development Agency, Gandhinagar to arrange the demonstration of Urja Mitra & RE vans at no cost in the benefit of students.





72nd Independence Day @GDEC

The National festival of 72nd Independence Day was celebrated with joy and pride at GIDC Degree Engineering College, Abrama,

Navsari, in the valuable presence of honourable Mr Hiteshbhai Shah, Ex Executive Engineer in Irrigation Department of Government of Gujarat, along with the trustee member Shri C A Vinodchandra Desai Sir, Principal Dr. N. D Sharma sir, teaching, non-teaching, supporting staff & students. After the introductory words about Independence Day by Assi. Prof. Nisha S. Parekh, Principal Dr. N. D. Sharma welcomed all the guests. The flag was unfurled by Shri Hiteshbhai Shah. Everyone gave respect to the national flag by saluting it and by rhythmic singing of the National Anthem. All the guests gave the inspirational speech. The celebration was ended with the vote of thanks by Asst. Prof. Harshal G. Vashi. After completion of the formal ceremony, students presented various project works. In this way the 72nd Independence Day was successfully celebrated with zeal and pride at our institute.



🌺 International Yoga Day Celebration

4th International Yoga day was successfully celebrated at GIDC Degree Engineering College, Abrama, Navsari on 21st June, 2018 under the leadership I/C Principal Dr. Shailesh S. Patel. All the staff members enthusiastically participate in the celebration.





National Mathematics Day @ GDEC

National Mathematics Day was celebrated at GIDC Degree Engineering College, Navsari on 22 December, 2018, to commemorate the great contribution made by Srinivasa Ramanujan. An expert lecture has been arranged for the first year students to make them aware about the great contribution made by legendry mathematicians of India such as Brahmagupta, Aryabhatt and Srinivasa Ramanujan. Dr. Shailesh S. Patel, Professor and Head of ASH Department shared his expertise on Mathematics and the Life and Works of all these great Mathematicians. Head of Electrical Department Dr. Rakesh Motiyani and Head of Civil Department Dr. Bhavin Patel also remained present in the celebration. Various posters on theme of Life, Works and Applications of Mathematics were also presented by first year students. The celebration was successfully organized by Prof. Ashish Jain, Prof. Hariketan Patel, Prof. Mansi Desai, Prof. Megha Tailor, Prof. Nisha Parekh and Prof. Rajiv Singh.









Celebration of 150th Gandhiji Janma Jayanti on 2nd October, 2018

On the occasion of Gandhi Jayanti GIDC DEGREE ENGINEERING COLLEGE has celebrated 150th birth anniversary of Mahatma Gandhi the Father of Nation with utmost reverence. Rally was organised to pay tribute to Gandhiji by the all the staff members of the College along with the students. In addition, Swachhata Abhiyan was carried out by the college throughout campus. Tree plantation was also done in the college. Furthermore, Documentary movie regarding the life Shri Mohandas Karamchand Gandhi was showed to student. At the end of the event "Vaishnav Jan" bhajan was sang by all to pay the tribute to the Legend.







Unity Day Celebration

To commemorate the birth anniversary of Sardar Vallabhbhai Patel, Gidc Degree Engineering College, Navsari celebrated the Rashtriya Ekta Diwas (National Unity Day) on 31st October 2018 in a befitting manner. The programme started with the impressive speeches made by the students in English as well as in Hindi on the life, history and the role of Shri Sardar Vallabhbhai Patel in the freedom struggle to establish a harmonious society. Also one of the students gave speech associated to Statue of unity. After that Dr. N. D. Sharma & other Head of Department paid tribute to the photos of Shri Sardar Vallabhbhai Patel by offering flowers. The documentary films related "Statue of Unity and life of Shri Sardar Vallabhbhai Patel" was shown to the students. A Collaborative pledge on Peace and Solidarity was administered by the teachers and the students. All the faculty members, staff and students took pledge for the integrity and unity of the country. The observance of Rashtriya Ekta Diwas (National Unity Day) provides us an opportunity to reaffirm the inherent strength and resilience of our nation to withstand the actual and potential threats to the unity, integrity and security of our country. The Programme ended with the National Anthem. This event was coordinated by Prof. Archana Nayak, Prof. Toral Patel, Prof. Mihir Mishra, Mr. Nilesh Patel, Mr. Dixit Patel, Mr. Manoj Patel and student co-ordinator Ms. Riddhika Patel.







🍫 Expert Talk on "Vishwabandhutva Divas"

On 11th September, 2018, GIDC Degree Engineering College celebrated Vishwabandhutva Divas. As a part of the celebration we had organised an expert talk on Swami Vivekananda and his contribution to the nation. Our beloved trustee member Shri C. A. Vinodchandra Desai sir gave his expert talk on the topic and inspired the students. Shri Chandreshbhai Shah and Vinay Karmarkar were also invited as guests in the celebration. They gave very useful information about Swami Vivekanand Kendra, Navsari and their work. At the end Asst. Prof Nisha S. Parekh gave vote of thanks. The programme was successfully organised by Prof. (Dr.) Shailesh S. Patel and Asst. Prof. Harshal G. Vashi.





International Women's Day Celebration

8th March is internationally celebrated as the "International Women's Day". It is an important occasion for all of us to pause for a moment to reflect on ourselves, to appreciate how much has been done and what more needs to be done in the field of gender equality. Women Empowerment Cell of GIDC Degree Engineering College hosted interesting events like drama, dance, singing, games, rangoli making etc. to celebrate this day. The purpose of organizing this programme is to create awareness amongst the students and also with the target of reaching the parents and people in the community at large through the students.

The day's program started off by prayer and a speech by the female student to advise the women to scale new heights in all the aspects of life. The events saw many female students volunteering to participate in various activities. Our beloved principal,

Dr. K. N. Mistry, was captivated by student's inspirational speech all the way and he said that all women must develop confidence and self-discipline in order to get success in their professional and personal life. He said that before fighting for the rights every person has to know about the responsibilities toward the society. Program was coordinated by Women's cell of college.





Essays Competition on "National Integration and Community Harmony"

GIDC Degree Engineering College organized essays writing Competition on the topic "National integration and communal Harmony ". About 120 students participated in this competition. As per the direction of the Government of India's Ministry of Home Affairs and the Education Department of the Government of Gujarat, "National Integration and Communal Harmony" Subject to this, it has been suggested to organize this Essay Competition in institutions of higher education and technical education in the state. This program was co-ordinated by Prof. Archana Nayak, Prof. Toral Patel and supported by Prof. Harshal Vashi, Prof. Ishita Panchal, Prof. Nisha Parekh, Prof. Mihir Mishra, Prof. Tejas Patel, Amruta Nayak, Dixit Patel and SSIP cell of College.





Thalassemia Screening and Prevention Programme at GDEC Navsari

The GIDC Degree Engineering College with assistance of Red Cross society Ahmedabad branch organized thalassemia screening and prevention programme in the college premises on 05/12/2018. About 97 first years admitted students from all five branches were participated in thalassemia screening and prevention programme and understand the meaning of testing Thalassemia and its advantages for coming generation. The Principal Dr. N. D. Sharma acknowledged the organizing team of the camp. The camp was organized by Prof. Dr. H.S. Patil, with a team of Prof. Tarun N. Patel, Prof. Nitish K. Lad, Mr. Hitesh Patel, Ms. Amruta Naik, Ms. Anita Patel, Mr. Manoj Patel, Mr. Kamlesh Sonawane, Mr. Divyesh C. Patel, Mr. Ismail I. Saiyad, Mr. Kiran Naika and Mr. Bhavesh Tandel. The GDEC teaching and supporting staff played a key role in successful organization of the camp. This camp helped students in getting awareness about their social responsibilities and showed enthusiastic participation for the same.





Blood Donation Camp at GDEC, Navsari

On 9th October 2018, GIDC Degree Engineering College, Mechanical Engineering Department in association with Lions Club & Red Cross Society, Navsari organized Blood donation camp in college premises. Donation of Blood means a few minutes to you but a lifetime for somebody else. The finest gesture one can make is to save life by donating blood. 52 units of blood have been collected so far. The Principal Dr. N. D. Sharma acknowledged the organizing team of the camp. The camp was organized by Dr. H.S. Patil, Head of Mechanical Engineering Department with a team of Prof. Nitish K. Lad, Prof. Tarun N. Patel, Mr. Divyesh C. Patel, Mr. Ismail I. Saiyad, Mr. Kiran Naika and Mr. Bhavesh Tandel. This camp helps students in getting awareness about their social responsibilities and showed enthusiastic participation for the same.











❖ Vocational Training Centre - Under Pradhan Mantri Kaushal Vikash Yojana

Sr. No.	Course Details	Job Opportunities	Eligibility Criteria	Training Duration
1	CNC OPERATOR-VERTICAL MACHINING CENTRE Under Pradhan Mantri Kaushal Vikas Yojana "CNC operator- Vertical Machining Centre" course was conducted by Mechanical Engineering Department. 25 candidates successfully completed this course during academic year 2017-18. Course Objective: This course involves the operation training on VMC machine producing components that combine a number of different features, such as flat faces, parallel faces, faces square to each other, faces at an angle, steps/shoulders, open and enclosed slots, drilled, bored and reamed holes, internal threads, and special forms. It involves continuously monitoring, inspecting the components and meeting production targets.	Operation of Computer Numerically Controlled (CNC) vertical machining centre (VMC), in order to perform machining operations on metal components, as per specifications provided. Get opportunity as VMC operator in national and multinational companies.	10th Pass (SSC)	300 Hours
2	Draughtsman - Mechanical This course involves Creation and modification of 2D mechanical engineering design using CAD system. It also involves the detail drafting of component drawings for manufacturing, assembly, sub-assembly, installation. It involves select the appropriate equipment and drawing software to use based on the type and complexity of the drawing functions to be carried out and the use of a CAD system linked bills of material, file management and associated customization of installed software including the use of macros, menus and default settings.	Draughtsman is appointing for creation and modification of 2D mechanical engineering design using CAD system. It also involves the detail drafting of component drawings for manufacturing, assembly, subassembly, installation, etc in different industry.	10th Pass (SSC)	300 Hours
3	CNC Programmer This course involves Develops, loads and proves the machine tool programs for computer numerically controlled (CNC) machines using appropriate software, as per approved procedures. Produce the component program using manual data input or by use of a remote computer, saving the prepared program on the machine controller from the computer. This involves understanding the CNC machine tools used in the process, their application and programming, editing and proving process, in adequate depth to provide a sound basis for carrying out the activities.	A CNC programmer develops programs for numerical tool and process control programmers. CNC programmers develop and run programs which direct the CNC machines to cut and shape metal or plastic for such things as airplanes, automobiles and other industrial machines.	Diploma Engineering in Mechanical	300 Hours
4	Electrical Domestic Solution Electrical Engineering Department believes to provide a skill development platform to the youth of our society. Recently, department has obtained approval from All India Council of Technical Education (AICTE), New Delhi to conduct a skill development course on "Electrical Domestic Solution" under Pradhan Mantri Kaushal Vikas Yojna (PMKVY). Total 25 students from nearby villages are registered for the course at no cost under PMKVY. Registered students will get practical exposure of industrial, commercial & domestic wirings, testing & troubleshooting of electrical equipment/apparatus during December 2018 to March 2019.	All Private and Government Sector	8th Pass	350 Hours

🍫 Certification course under Pradhan Mantri Kaushal Vikas Yojana(PMKVY)

GIDC Degree Engineering College has started technical courses under Pradhan Mantri Kaushal Vikas Yojana (PMKVY) to provide technical training to the society. Under this scheme college has started four courses, Field Technician - Computing and Peripherals, CNC Operator, Automotive Service Technician Level 3, Distribution Lineman and Masson General. In each course 25 students has been enrolled by the college and all those students are from outside college students.

The college has successfully completed these all courses. Respective council of the course sector has arranged the exams and the students had appeared the exam. Once they will pass the exam they will be provided the certificate from respective council and govt. of India and they will be eligible for getting jobs based on that certificate. The college has decided to opt more such courses in this scheme and applied for getting 10 courses with max intake of 25 in each for the academic year 2018-19. So the college can provide training and technical knowledge to more students of the society.









Open Source Technologies Club (OSTC)

GTU has introduced OSTC initiative for all the GTU affiliated colleges in collaboration with Spoken Tutorial Project-IIT Bombay. The objective of Spoken Tutorials is to learn Free and Open Source Software (FOSS). It helps the students to learn complicated topics through simple tutorials and also proves cost effective. An Open Source Software which is very useful for research work for students as it is freely available, no licenses is needed.

Spoken Tutorial Project managed by IIT Bombay, which is helpful to learn the functioning of all Open Source Software from anywhere and anytime by using their portal. GIDC Degree Engineering College, Abrama has established OSTC through a tie up with OSTC Workshop Team Spoken Tutorial Team - IIT Bombay & GTU. Computer Engineering Department has conducted OSTC workshop on "Python", which was co-ordinated by Prof. Mihir Mishra, Prof. Kushal Patel and Mr. Nilesh Patel. Organizer: Prof. A. M. Nayak



Computer Engineering Department

Revenue Generation under Facility Agreement

GIDC Degree Engineering College is in agreement with various well renowned companies like Tata Consultancy Services (TCS) Ltd., NSEIT Ltd., Aptech Ltd., ACE Integrated Sol. Ltd. Under these agreements Computer Engineering Department has successfully hosted multiple online examinations in collaboration with these exam conducting agencies.

The details of online exam/s held during Jan-2018 to Dec-2018 are as mentioned below: -









Computer Engineering Department continues to play significant role to facilitate the GIDC Degree Engineering College for its enrichment.

As a Test Centre Administrator Ms. Archana Nayak (Head, Computer Engg. Dept.) leads a dedicated team of Teaching & Non-Teaching staff which is well equipped to deliver quality services in order to host such exams smoothly.

Sr. No.	Exam Conducting Agency	Name of Examination	Date/s	Allotted Candidate Strength	Revenue Earned (INR)
	TCS Ltd.	BOB Promotional	07 - Jan - 2018	25	5273/-
2	NSEIT Ltd.	GSECL	18 - Feb - 2018	540	30600/-
	Aptech Ltd.	DGT -Apprentice	20,21,22 - Feb - 2018	560	27342/-
4	Ace Integrated Sol. Ltd.	NPCIL	08 - Jun - 2018	560	36400/-
	NSEIT Ltd.	GSECL	01 - Jul - 2018	240	19000/-
6	NSEIT Ltd.	GSECL - UGVCL	20,21,22 - Oct - 2018	1800	91273/-
Total					209888/-

Civil Engineering Department

Sr. No.	Name Of Faculty	Title	Agency	Period	Grant Mobilized(In Rs)
1	Prof. Vikunj Tilva, Prof. Nilesh Parmar Prof. Sunil Jaganiya, Prof. Pritesh Rathod	Conditional Assessment	Gundlav GIDC	June,2018	458430/-
2	Prof. Nilesh Parmar Prof. Sunil Jaganiya	Conditional Assessment	Bilimora GIDC	April,2018	47200/-
				Total	505630/-

Report of 155th Birth Anniversary of Swami Vivekananda

Swami Vivekananda was born as Narendranath Dutta on 12th January 1863. He was a key figure in the introduction of the Indian philosophies of Vedanta and Yoga to the western world and was credited with raising interfaith awareness. He was a chief disciple of 19th century saint Ramakrishna and founder of Ramakrishna Math and Ramakrishna mission. The 155th Birth Anniversary of Swami Vivekananda is celebrated all over the country giving a message to the youth the way of life and ideals that will make India a better country in future. The students were enlightened about the relevance of his principles in the present world. The celebration started with lamp lighting and offering garland to the image of Swami Vivekanand. Faculty Pankti Naik from Computer Engineering Department shared the life events of Swami Vivekanand with the students. Student Saarth Desai of 8 th Semester Automobile Engg. gave an impactful speech to encourage students to follow the philosophy of Vedanta and Yoga. The programme was well received by all the faculty and the students attended. The event was Co-ordinated by Prof.Archana Nayak, Prof.Toral Patel, Prof. Harshal Vashi, Prof.Ankit Patel, Prof.Kaushik Patel, Nilesh Patel and Dixit Patel.







😵 STTP on Designing of Mathematical Models in Different field of Engineering

Applied Sciences and Humanities department, GIDC Degree Engineering College, Abrama, Navsari organized One Week Short Term Training Programme on "Designing of Mathematical Models in Different field of Engineering" during 19th, March, 2018 to 23rd March, 2018, which was sponsored by Gujarat Council on Science and Technology, Gandhinagar. The main objectives of this STTP were to understand the designing of mathematical models in different fields of engineering and to provide a platform to participants to share their problems with experts. Around 30 participants from several backgrounds participated in in this STTP





and got benefited from the expert lectures. The STTP was successfully organized under the chairmanship of Dr. Shailesh S. Patel, Professor and Head Applied Sciences and Humanities department and it was co-ordinated by Dr. Rajiv Kumar singh and cocoordinated by Prof Harshit K. Naik and committee members Prof. Harshal Vashi, Prof. Nisha Parekh, Prof. Mansi Desai, Prof. Ishita Panchal, Prof. Megha Tailor, Mr. Aakash Patel and Mr. Bhavin Patel



😵 One day Workshop by IIHT, Navsari

Under Training and Placement Cell (TNP)

Training & Placement Committee members (TNP) named below had organized two events as listed below:

- One day workshop was organized in Civil Engineering Department dated on 3/2/2018 on the topic "Carrier Orientation Programme". For this event, IIHT, Navsari was invited. This workshop have helped the students to get aware and learn about various software which can be utilized for purposes such as drafting, designing, modelling, analysing, estimating and costing. This workshop also helped the students to get idea about higher studies, PSU jobs opportunities, UPSC/GPSC & other competitive examinations.
- Another event named "Mock Campus Recruitment Programme" was organized on 6th and 7th February, 2018. This event (b) was for the pre-final and final year students and the invited institute was ICE GATE, Surat.

The main objective of this programme was to make students aware about the India's leading GATE/PSU/ESE/ institutions as well as carrier development institutional guidance programme designed to prepare students to have a greater understanding of educational & carrier opportunities and options to assist them in making meaningful as well as informed carrier choices which is designed in such a way so as to prepare and aware the students regarding opportunities and options available for their international carrier choices.

Sr. No.	Name
1	Assistant Professor Sunil Jaganiya
2	Assistant Professor Rajan Lad
3	Assistant Professor Fenil Gandhy

Name of TnP members

GTU Sponsored STTP on "Android Programming a hands-on Approach"

Computer Engineering Department, Organized one week STTP on "Android Programming a hands-on Approach" sponsored by Gujarat Technological University (GTU), during 24th – 28th December. This STTP was hands-on program which is designed for providing essential skills and experiences to the students in developing applications on mobile platform. The hands-on training is effective for beginners and experienced Developers for practical Android Code Application. Inauguration of this STTP were commence with Prayer and Light Lamping. In this Inaugration, Trustee member CA Shri. Vinodchandra Desai accompanied by Principal Dr. N. D. Sharma were present. In addition, all the HoDs, faculties from all the department were present along with students of the college.

On Day 1, expert Dhaval A. Mehta, Team Leader from HKSOFTRONIX Vapi gave brief introduction about Android Operating System. In addition, he teach participants to make first application in android. On Day 2, Prof. Pragnesh Patel, Lecturer of Government Polytechnic for Girls conducted Interactive hands on session on Shared Preferences in Android. In addition, Prof.









Kushal Patel conducted hands-on session on various Android Layouts and UI Controls and its application in various android Applications. On Day 3, Prof. Kaushik S. Patel conducted Interactive hands on session on SQLite Database manipulation in Android Application. Participants learn how data can be inserted, deleted in Applications using SQLite Database. In addition, Prof. Brijesh Patel conducted session on utilisation of GPS and Google map in Android application. Participants used their mobile phone to run their developed applications. On Day 4, expert Vivek S. Patel, conducted hands on session on AsyncTask and Read/Write Data to/From Webserver in Android Application. Participants learn how data can be inserted, deleted in Applications using Web Services. In addition, Prof. Tejas Patel gave brief information about Firebase and its application. On Day 5, expert Sandip Kalola from Goldenmace IT Solutions, Navsari conducted hands on session on basics of accessing a android hardware like camera, sensors etc. in Android applications. In addition, he give brief information about publishing android app on Google Play Store.

About 60 participants from various Degree and Diploma colleges participated in this STTP. From this STTP about 15 students from Diploma College get benefited. STTP was successfully organized under the chairmanship of Prof. Archana M. Nayak, Head of Computer Department, and it was successfully coordinated by Prof. Kaushik S. Patel, Prof. Kaushal T. Kevadia, and co-coordinated by Prof. Brijesh U. Patel, Prof. Mihir A. Mishra, Prof. Kushal D. Patel, Prof. Tejas Patel and committee members Prof. Prof. Prof. Hetal M. Patel, Bhumika H. Patel, Prof. Vibhuti P. Patel, Prof. Pankti S. Naik, Mr. Himanshu Patel, Mr. Nilesh Patel and Mrs. Amruta Naik.

STTP on "Pressure vessel Design, Drafting and Analysis with ASME BPVC Sec VIII, Div 1 & 2"

GIDC Degree Engineering College, Navsari, Mechanical Department has organised one week faculty training programme sponsored by GUJCOST-Gandhinagar on "Pressure vessel Design, Drafting & Analysis with ASME BPVC Sec VIII, Div-1& II." During 30th APRIL to 4th MAY 2018. This STTP presents concepts of new Pressure Vessel Design, Drafting and Analysis Code with ASME BPVC sec VIII, Div 1 & 2. In this Workshop 29 Faculties from7 engineering colleges of south Gujarat has participated enthusiastically. Expert lecture delivered by Dr. D.C. Patel (Associate Professor, MED, GDEC Navsari), Dr. C. K. Desai (Associate Professor, MED, CKPCET, Surat), D. H. PATEL (from D.H.Patel Associate on pressure vessel) and Mr. Chaitanya Purohit (NDE consultant) during 5 days. The STTP was successfully organized under the chairmanship of Dr. H. S. Patil (Head & Professor, Mechanical Department, GIDC Degree Engineering College, Abrama) and it was coordinated by Dr. D. C. Patel and co-coordinated by Prof. Mayur R. Patel and Prof. Hariketan B. Patel.















GUJCOST Sponsored STTP on "Designing Embedded Systems Enhanced with IoT using Micropython"

Computer Engineering Department, had organized one week STTP on "Designing Embedded Systems Enhanced with IoT using Micropython" sponsored by Gujarat Council on Science & Technology, Department of Science and Technology, Govt. of Gujarat, during 8-12 January, 2019. The objectives of this STTP was to provide the knowledge on IoT from an overview to in depth handson for designing IoT based application/small project as well as to make participants familiar and proficient with the hardware and software used to make IoT based application.

Inaugration of this STTP were commence with Prayer and Light Lamping. In this inaugration, all the HoDs, faculties were present along with participants.

On Day 1 and Day 2, expert Prof. Jignesh Patoliya, an assistant professor in the department of EC engineering at the Charotar University of Science and Technology, Changa, gave introduction about IoT, its architecture, application and which device to use for creating IoT enabled embedded system. He also gave brief about embedded system. In addition, he takes hands on session on Python Programming with hands on session with ide such as arduino and uPycraft. On Day 3, Mr. Miral Desai, an assistant professor in the department of EC engineering at the Charotar University of Science and Technology, Changa, delivered session on introduction to Raspberry Pi. He gave information about when the Raspberry Pi would be suitable to use for IoT Applications. During hands-on session participants performed various programs interfacing Raspberry Pi with various hardaware such as leds and switches. On Day 4 and Day 5, expert Mr. Ashutosh Bhatt, Embedded Software Engineer at eInfochips, Ahmedabad, delivered session on visual programming, UI development and IoT with NodeRED. In addition, he delivered session on Python OOPs concepts and MQTT protocol in Python with hands on for using this software how can we activate different graphical interface elements and how we can activate them using code.

The Valedictory function was organized to felicitate students on successful completion of their 25 hours training program on "Designing Embedded Systems Enhanced with IoT using Micropython" and they were also awarded by participation certificate.

About 60 students and faculties from various colleges participated in this STTP. The STTP was successfully organized under the chairmanship of Prof. Archana M. Nayak, Head of Computer Department, and it was successfully coordinated by Prof. Bhumika H. Patel, Prof. Prof. Hetal M. Patel, Prof. Vibhuti P. Patel, Prof. Pankti S. Naik and committee members Prof. Kaushik Patel, Prof. Kaushal Kevadia, Prof. Brijesh Patel, Prof. Kushal Patel, Prof. Mihir Mishra, Prof. Tejas Patel, Mr. Himanshu Patel, Mr. Nilesh Patel and Mrs. Amruta Naik









Workshop on Industrial Electrical Engineering

Electrical Engineering Department has organized a Three Days workshop on "Industrial Electrical Engineering" during 17th to 19th August 2018 for final year students in association with RAHAT Electricals, Surat.

Prof. Dhaval K Patel Prof. Dhruvang Gayakwad and Prof. Ankur P Desai have coordinated the workshop under the guidance of Dr. R J Motiyani.



Workshop on PCB Etching and Circuit simulation

Electrical Engineering Department has organized a Two Days workshop on "PCB Etching and Circuit simulation" during 23-24th August, 2018 for pre-final year students.

Prof. Ketan Lad, Prof. Dhaval Patel and Prof. Rohit Damor has co-ordinated this workshop under the guidance of Dr. R J Motiyani.



Workshop on "Programmable Logic Controller and Its Applications" Conducted at Government Diploma College of Navsari

A One Day Workshop on "Programmable Logic Controller and Its Applications" was conducted by Prof. (Dr). R.J.Motiyani and Prof. Ankur P Desai of Electrical Engineering Department of GIDC Degree Engineering College, Abrama, Navsari on 28.09.2018 at Government Polytechnic, Navsari.

Total 36 students of final year diploma had enthusiastically participated in this workshop. In this workshop students had got exposure of Industrial Automation, Ladder Logic, Basic Programming of Timer/Counter/Boolean Logics and Special Memory Bits in STEP 7-Micro/WIN using \$7 200 Siemens PLC Kit.

On behalf of the institute, Prof. Hiren Patel, HOD of Electrical Engineering Department of Government Polytechnic, Navsari had appreciated Dr. R J Motiyani and Prof. Ankur P Desai for conducting the workshop.







🔖 Workshop on "Internet of Things: A Hand-On Approach"

To provide an overview of concepts, trends and challenges in latest technology department of computer engineering had organized a two-day workshop on "Internet of Things: A hand-on Approach" during 17th-18th February, 2018. The workshop was coordinated by Prof. Hetal M. Patel, Prof. Bhumika Patel, Prof. Pankti Naik and Prof. Vibhuti Patel. Main aim of the workshop was to enhance the practical skills of students by giving them hands-on sessions which help them to make quality projects in their academic career and technical events.

Prof. Jignesh Patoliya (Assistant Professor in the department of EC engineering at the Charotar University of Science and Technology Changa) was invited to conduct workshop. He had conducted more than 75 workshops in the area of Microcontrollers, ARM, Arduino, VLSI design, PCB design, Embedded C, Arduino C, Python programming, Visual Programming, Raspberry Pi & Internet of Things.

On Day 1, he started with introduction to ESP8266 and NodeMCU and hands-on on NodeMCU, which is widely used in IoT application design. Diffrence between microcontroller and SOC was discussed by him. In addition, the expert covered details on IoT devices and sensors used for projects. On the next day, he discussed some future projects based on IoT like smart fridge, smart mirror and more. Expert came with hardware and software (NodeMCU, interefacing board) resources required to carry out Hands-on IoT programs. About 56 students of pre-final year and final year of department attended this workshop



💠 Workshop on "Hands on Session on Amazon Alexa Skills Development for Beginners"

One day workshop on "Hands on Session on Amazon Alexa Skills Development for Beginners" was conducted in Computer Engineering Department for final and pre-final year students on 31st August, 2018. All the faculties of Computer Engineering Department along with lab Assistants attended this workshop. In addition, about 52 students participated.

At beginning, Mr. Hindustani Modi, expert from GOLDENMACE IT Solutions, introduce about Amazon Alexa. After the introduction, students used Amazon Web Services (AWS) Lambda in laboratory during hands-on session. Students have developed "Alexa Skill" on Alexa Skill Development Console. Then they have deployed and tested their developed "Alexa Skill" testing environment and mobile devices. Practical session was supported by Mr. Rakesh Patel and Mr. Bhumin Naik along with Mr. Hindustani Modi. Students felt that this value added workshop on Amazon Alexa was very much useful for them and they got the basic idea for developing Amazon Alexa Skill. This program was co-ordinated by Prof. Archana Nayak, Prof. Brijesh Patel, Prof. Bhumika Patel and Prof. Kushal Patel.







Workshop on Energy Conservation Awareness

One Day Workshop on "Energy Conservation Awareness" was organized by Electrical Engineering Department in association with Gujarat Energy Development Agency (GEDA), Gandhinagar, under the banner of Indian Society for Technical Education (ISTE) on 29.09.2018.

More than 100 students & faculty members of Electrical, Mechanical and Automobile Engineering have participated in this awareness workshop.

The workshop was conducted by Shri R N Pandya on behalf of GEDA. Principal Dr N D Sharma sir welcomed Shri R N Pandya and members of management of GIDC Education Society Dr A K Dave sir & C A Shri Vinodchandra Desai sir during the

inaugural session.

Dr R J Motiyani, Head of Electrical Engineering Department had delivered a welcome address & encouraged the students for the Energy Conservation.

Members of management of GIDC Education Society Dr A K Dave sir & CA

Shri Vinodchandra Desai sir have delivered blessing address & motivated the students for the Energy Conservation.

The workshop was coordinated by Prof. Ankur Desai, Prof. Rohit Damor and Prof. Bhavin Trivedi under the guidance of Dr. R J Motiyani.



Expert lecture on "Power Quality and Management"

Electrical Department organized an expert lecture on "Power Quality and Management" presented by Dr. Naimish Zaveri (Professor & Head of Electrical department C.K. Pithawala Engg. College on 21st February 2018 the lecture was coordinated by Prof. Bhavesh S. Patel. All the final & Pre final year students and faculty members of electrical Engineering Dept. had attended this lecture. It was useful and informative lecture regarding power quality and its issues.





Seminar on "Nuclear Energy: Powering Sustainable Development"

A one day Awareness Seminar on "Nuclear Energy: Powering Sustainable Development" was organized for final & pre-final year students of Electrical Engineering Department in Association with Nuclear Power Corporation of India Ltd., on 27th July 2018. Expert talk was delivered by Dr. A K Patra, Scientist, Bhabha Atomic Research Centre & Mr. R K Dubey, Senior Training Officer NPCIL, Kakrapar.





Seminar on "APPLICATIONS OF MECHANICAL SOFTWARE"



Mechanical Department of GIDC Degree Engineering College Organized Seminar on "Applications of Mechanical Software" for 2nd Year Students to make them aware about Software used in different fields of Mechanical Industries. Seminar Delivered by Mr. RAHUL SHARMA, Head, SAI CAD CENTRE, NAVSARI.

Expert lecture on "Engine Emission"

GIDC DEGREE ENGINEERING COLLEGE, Automobile Engineering Department had organized an expert lecture on "Engine Emission" presented by Dr. Kamalkishor Vora (Sr. Deputy Director & Head, ARAI Academy) on 6th January, 2018. All the students and faculty members of Automobile Engineering Dept. as well faculty members from other colleges had attended this lecture. It was a useful and informative lecture regarding Engine Emission and its control by using different after-treatment devices & also share the information about SAE BAJA event (Intercollegiate design competition run by SAE in which Teams of students from different colleges all over India design and build small off-road cars) and encourage the students to participate in it. Dr. K C Vora also inaugurates the SAEINDIA GDEC COLLEGIATE CLUB.





🍫 Expert Talk on INFOTAINMENT SYSTEM by Mr. Nirav Joshi

An expert lecture session was organized on 05th January, 2019 on the Topic "Infotainment System in Automobiles" for all the Automobile Engineering students of GDEC, Abrama-Navsari by the Department.

Mr. Nirav Joshi had worked with the two Automobile companies (Tata Motors -Pune, Volkswagen India Pvt. Ltd.-Pune) in India and he is now joining the league of Electric vehicle Automobile group. It's our pleasure to have him as a speaker for students.

Mr. Nirav with his expertise in Automobile After sales experiences shared so much of technical as well as practical knowledge with our Students. Students were explained various technologies of INFOTAINMENT (Information + Entertainment) System which has now become one of the important criteria for selection of four Wheeler/passenger cars.



Students were inspired and very much over whelmed by his knowledge and experiences. Lastly, the session ended with the solutions to the queries of students as well as faculties.



🍄 Preparation for Competitive Exams by Prof. Sunil Khokhar & Prof. Kenal Tandel

Prof. Sunil khokhar and Prof. Kenal Tandel, Faculties of Automobile Engineering Department had taken an expert hands on session "Preparation for Competitive Exams" for the final and Pre-final year Automobile students on 10th January, 2019

Prof. Kenal Tandel started the session with the GATE preparation and how to crack it with some easy practices. Also he took an interactive session with students about their fundamental knowledge of different subjects of Automobile-Mechanical Engineering.

Prof. Sunil Khokhar has continued the hands on session with "Reasoning and Aptitude". Students enthusiastically attended the session and learnt various techniques to solve the problem.





🔖 Expert lecture on "Sensors, Actuators & OBD-II"

GIDC DEGREE ENGINEERING COLLEGE, Automobile Engineering Department with support of SAE INDIA had organized an expert lecture on "Sensors, Actuators & OBD-II" presented by Asst. Prof. Pratik Umrigar (Mechanical-Automobile Department, CGPIT, Bardoli - Surat) on 5th April, 2018. All the students of 3rd - 4th years and faculty members of Automobile Engineering Dept. as well faculty members from other colleges had attended this lecture. It was a useful and informative lecture regarding Engine Electronics, working of different types of sensors and actuators and On Board Diagnostics Tool - II equipment. Also practical session for OBD-II tool is conducted by the expert to brief about its working.





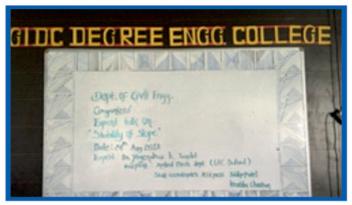
Expert lecture on "Expert Lecture on Stability of Slopes"

Civil Engineering Department of GIDC Degree Engineering College Abrama, Navsari organized expert lecture on "stability of slope" in Geotechnical Engineering Field for 3rd year students on 24th August, 2018. Expert lecture was delivered by Dr. Yogendra k. Tandel whose working as Assistant Professor in Applied Mechanics department at Government Engineering College, Dahod. Assistant Prof. Jaldip patel and Assistant Prof. Krutika Chauhan co-ordinated the whole event









Sports and Cultural Event

GIDC Degree Engineering College celebrated 6th GDEC Annual Festival from 11th to 20th January 2018. The Sports-Maitry Olympiads 2017 was organised from 11th to 19th January 2018 and the Cultural festival was concluded by cultural event GUNJ-2018 on 20th January 2018. Maitri Olympiads 2018 event always brings out the best performance of the students in field of sports. This year too various sport events were organized like Cricket, Volleyball, Football, Chess, Carrom, Badminton, Kabaddi, Table Tennis, GDEC Strongest Man, etc. Prof. Dhaval Patel coordinated the event with his dedicated team of faculties and students.

The CULTURAL EVENT GUNJ 2018 was set with the objective of developing the arts and intellectual talents of the students, improving their capabilities to work as a team and raising their level of self-confidence in interacting with fellow students and



peers. The event was coordinated by Prof. Toral Patel with the support of staffs and students.

The Chief Guest of the function was Smt. D. Thara, IAS V.C. & M.D., G.I.D.C., Gandhinagar, Shri. Chandrakant Pandya, Vice-President, VIA, Vapi & Dr. Anil Saraogi, President, South Gujarat Productivity Council, Surat and also members of GIDC Education Society Shri C.K. Akhani, Shri N. P. Vadaliya, Dr. A. K. Dave, CA. Vinodchandra G. Desai, Dr. Dinkarrai G. Naik joined the function.

Shri. Sanjay Bhagat from Thakor bhai Bhagat Charitable Trust, Navsari graced the occasion with his presence and shared his thoughts. Legal Aid Cell Navsari also presented their views about anti ragging and de-addiction from drugs and expressed their support to our students by their help centre. They even encouraged the students to take a no addiction pledge.

The function started with the prayer and lighting lamp ceremony by all the invited dignitaries. The Principal Dr. K. N. Mistry briefed about institute; the dignitaries delivered their motivational thoughts to our students and programme convener Dr. H. S. Patil concluded with vote of thanks.

On the same day college annual magazine "Profusion-18" was released by the dignitaries. The dignitaries encouraged the students and faculty members with their motivational speech. Prize distribution function was conducted for topper students who performed well during their academic year and also to the winners of all the sports events and cultural events to motivate them.

Students have expressed great enthusiasm on cultural events and they explored themselves beyond the classroom experience. This event provides a platform to the students for expressing their talents which are far apart from their studies. The students could express their talent in the fields of various cultural activities like music, dancing, drama, anchoring, etc. Talented students of college enthralled the audience with their performances and the atmosphere was charged up by their youthful presence. And the function concluded with endless fun, garba and DJ...





Sports - Maitri Olympiads 2018

SR. NO.	EVENT	WINNER	RUNNER'S UP
1	CRICKET (BOYS)	4TH YEAR MECHANICAL- B	4TH YEAR MECHANICAL-A
		PATEL VINEET C. PATEL ANANT C.	MEHTA HET PATEL JAY N.
		PATEL BHAVIK M. PATEL RAJ	PATEL HARDIK S. GHAYAL MITANG
		PATEL JIGAR G. PATEL TUSHAR	PATEL ATIT SHAIKH ADIL
		PATEL NILAY	KUBADIYA BHUMIK
		PATEL SHUBHAM C. RAVAL PARTH D	MAROLIYA JAY PATEL JAY P.
		PATEL KEYUR SHAH AKSHYKUMAR A.	PATEL JAY S. PATEL JAY J.
		PATEL PRANAV	PATEL ABHI R.
		SOLANKI HARRY ZALAWADIYA PRATIK	PATEL HIREN B. PATEL HARSHAL K.
		PATEL SHREYAL	AHIR DHARMIN
		MAN OF THE MATCH - PATEL VINEET C. MAN OF THE SERIES - PATEL VINEET C. BEST BOWLER - MEHTA HET BEST BATSMAN - PATEL ABHLR.	
2	CDICKET (CIDI C)		COMPUTER DEPARTMENT
2	CRICKET (GIRLS)	CIVIL DEPARTMENT	COMPUTER DEPARTMENT
		PATEL MANALI D. PATEL TWINKAL D.	SINGH DAINA N. PATEL MITAL B.
		PATEL ZINAL T.	PATEL PAYAL K.
		PATEL VIBHA P. PATEL ROSHANI S.	PATEL NAMRATA S. MISTRY RICHA A.
		PATEL RIYA N.	KAKASANIA AARTI M.
		PATEL PRIYANKA S. TANDEL KIRAN G.	PATEL DHRUVIKA D. DESAI MAITRI V.
		GAMIT KRUTIKA M.	PATEL SHIVALI S.
		AHIR KHUSHI K. PATEL ZENI K.	PATEL YUTI D. PATEL TANVI S.
		PATEL RADHIKA J.	
3	FOOTBALL (7 ON 7 TOURNAMENT)	CIVIL DEPARTMENT	MECHANICAL DEPARTMENT
		THAER JIAWI	GAURAV P. HARDIKAR
		AHMAD MUJEEB FAZLI AHMAD SAHIL SAFI	DEEP CHAUHAN DEVID KYAGABA
		BAREES BAJAY	DHRUV SOLANKI
		CHIRAG VASAVA RAMPARIA DHAVAL	AKASH PATEL BHAVIN LAD
		PATEL NIRAV	AEJAZ MIRZA
		SHAH DARSHIL VAGHELA SAHIL P.	HITESH TANDEL ROHAN PATIL
		STRICKER - CHIRAG VASAWA MIDFIELDER - MISTRY MAYUR DEFENDER - THAER JIAWI PLAYER OF TOURNMENT - DEVID KYAGABA	
4	GDEC STRONGEST MAN	TANDEL TRIVEN (4TH YEAR COMPUTER)	VIJAY CHUAHAN (2ND YEAR CIVIL)
		, ,	· 第 1

Sports - Maitri Olympiads 2018

SR. NO.	EVENT	WINNER	RUNNER'S UP
5	CHESS (BOYS)	MEHUL TANDEL(2ND YEAR MECHANICAL)	HARSH PATEL(3RD YEAR MECHANICAL)
6	CHESS (GIRLS)	RIYA PATEL(4TH YEAR CIVIL)	NIDHI AAYAR(1ST YEAR MECHANICAL)
7	VOLLYBALL (BOYS)	4TH YEAR MECHENICAL	2ND YEAR MECHANICAL
		TANDEL ANKUR I. TANDEL DIVYANG D. TANDEL MANMIT P. TANDEL SHAGAR P. PATEL CHIRAG D. TANDEL AJAY C. TANDEL URVESH M. TANDEL JAY V. BEST SMASHER-KHAN AASIM A. BEST LIFTER-BELIM ABRAR MOHAMMED RIYAZ BEST FIELDER-TANDEL DIVYANG D. PLAYER OF TOURNAMENT-TANDEL ANKUR I.	CHHOWALA KRUPANSHU U. PATEL VANDAN M. BELIM ABRAR MOHAMMED RIYAZ KHAN AASIM A. PATEL AVI M. PATEL PARIT M. PATEL PIYANK J. JHA SATYAM N.
8	CARROM-DOUBLES (GIRLS)	PATEL ZINAL SANDAPA SWETA	PATIL AAYUSHI PATIL SHIVANI
9	CARROM-DOUBLES (BOYS)	TANDEL VISHVASH TANDEL HARDIK	CHHOWALA HIMANSHU TANDEL BHAVIK
10	TABEL TENNIS-SINGLE (BOY)	DESAI DEV P.	PATEL DEVANSH S.
11	TABEL TENNIS-SINGLE (GIRLS)	PATEL MANALI(4TH YEAR CIVIL)	PATEL PRIYANKA(4TH YEAR CIVIL)
12	BADMINTON (GIRLS)	PATEL TANVI (3RD YEAR COMPUTER)	SINGH DIANA (4TH YEAR COMPUTER)
13	TUG OF WAR (GIRLS)	COMPUTER	COMPUTER
		DAINA SINGH DIVYA TANDEL AAYUSHI PILLAI BRIJAL PATEL JESMIN RANA DHARVI PATEL SHIVALI PATEL SNEHA CHAUDHRI YUTI PATEL PAYAL PATEL	SHIVANI PATIL MITVA SHAH MANSI PATEL PATEL SHIVANI MEHTA KAJAL LAD PURVI MITALI PATEL RAJU DESAI PATEL DIPSHA NIDHI DESAI
		BEST FIELDER: DAINA SINGH PLAYER OF TOURNAMENT: PAYAL PATEL	

Sports - Maitri Olympiads 2018

SR. NO.	EVENT	WINNER	RUNNER'S UP
14	KABADDI	CIVIL DEPARTMENT	MECHANICAL DEPARTMENT
		VASAVA ANKIT PATEL ANEY PATEL DHRUV DESAI PARTH PATEL HIRAK PATEL HIREN SAINI RAHUL SOLANKI HEMRAJ PATEL BHARGAV MAHYAVANSHI BHADRESH AHIR KEVAL PATEL ANKUR TOP RAIDER-ANKIT VASAVA TOP DEFENDER-CHHOWALA KRUPANSHU	JIGAR D. PATEL MIHIR Y. JOSHI PRIYANK J. PATEL ABRAK M. BELIM JAIMIN R. LAD BHARGAV M. PATEL VANDAN M. PATEL KRUPANSHU U. CHHOWALA RIDHEM H. PRAJAPATI AVI M. PATEL SATYAM N. JHA PRITAM V. PATEL
		ALL ROUNDER-PATEL DHRUV	
15	100 M RUNNING (GIRL)	PATEL ZINAL (4TH YEAR CIVIL)	PATEL RADHIKA(4TH YEAR CIVIL)
16	400 M RELAY (GIRLS)	4TH YEAR CIVIL	4TH YEAR CIVIL
	(SALS)	PATEL ZINAL PATEL RADHIKA PATEL TWINKAL GAMIT KRUTIKA	PATEL MANALI PATEL MANALI PATEL PRIYANKA TANDEL KIRAN









Maitri Olympiads

















Cultural - Gunj 2018

















Visit of Vibrant Gujarat Global Summit 2019 on 19th January 2019 at Mahatma Mandir, Gandhinagar





Special Training Session at Gujarat Technological University

Dr. S. S. Patel, Dr. R. J. Motiyani and Prof. Harshal G. Vashi have attended special training session on "New Exam Paper Delivery System" at GTU, Chandkheda

Workshop and Seminar attended/participated

Faculty Name	Event Name	Organized By	Duration				
	ASH De	epartment					
Dr. N. D. Sharma Prof. Harshal G. Vashi	Regional Workshop for Activities Planning under Unnat Bharat Abhiyan	UBA-IIT Delhi and AICTE, Delhi & S V National Institute of Technology (SVNIT),Surat	04th December 2018				
Prof. Nisha S. Parekh	One Day Workshop on "Design Based Learning in Contributor Personality Development Programme"	Gujarat Technological University, Ahmedabad	10th March, 2018				
	Automobile Engineering Department						
Prof. Mayur J. Jalanapurkar	Five Days Workshop on Renewable Energy Technologies & Environmental Protection	IITRAM, Ahmedabad (Autonomous University)	21st to 25th May 2018				
Prof. Toral Patel, Prof. Ashish Jain, Prof. Ankit Patel, Prof. Mayur J. Jalanapurkar	Energy Conservation Awareness conducted by GEDA	GDEC Navsari	29th SEPT 2018				
	Civil Enginee	ring Department					
Prof. Hemina Patel	VAPOR ABSORPTION AND VAPOR ADSORPTION REFRIGERATION SYSTEM	joint venture of L & T and Parul Institute of Technology, Vadodara	17th August, 2018				
	Computer Engin	eering Department					
Prof. Archana M. Nayak, Prof. Kaushik S. Patel	Recent Applications and Future Scope of Internet of Things	Sarvajanik College of Engineering and Technology, Surat	2-4 August, 2018				
Prof. Kaushal T. Kevadia, Prof. Mihir A. Mishra	Artificial Intelligent & Deep Learning	Sarvajanik College of Engineering and Technology, Surat	4-6 January, 2019				
	Mechanical Engi	neering Department					
Prof. Mayur R.Patel, Prof. Hariketan B. Patel, Prof. Bharat H. Gajera, Prof. Hitesh C. Rana, Prof. Bruhad S. Naik, Prof. Dharmik A. Patel, Prof. Nitish K. Lad, Prof. Krunal A. Hathiwala	Energy Conservation Awareness	GIDC Degree Engineering Collage Navsari and Gujarat Energy Development Agency (GEDA) under the banner of Indian Society for Technical Education (ISTE)	29th September 2018				
	Electrical Engineering Department						
Prof. Dhruvang R. Gayakwad Prof. Jay R. Desai	Power System Basics for Academics & Practicing Engineers	Society of Power engineers(I),Vadodara chapter jointly with The institute of Engineers, southern Gujarat chapter, Surat	27th February,2018				
Prof. Bhavesh S. Patel	Power Quality and Management	C. K. Pithawala Engg. College, Surat	21st February 2018				
Prof. Ankur P. Desai	Leadership in Engineers	GIDC Degree Engineering College, Navsari	4th August 2018				
Prof. Bhavesh S. Patel	SMART GRID TECHNOLOGIES & INDIAN POWER SCENARIO	C.K. Pithawala College of Engineering &Technology, Surat and the Institute of Engineers (India) SGLC	23th June,2018				

Webinar attended/participated

Faculty Name	Event Name	Organized By	Duration			
Prof. Ketan K. Lad	Optimizing and Accelerating	MetLab Online	February 22, 2018			
Prof. Ketan K. Lad	Embedded Code Generation for AC Motor Controllers	MetLab Online	February 28, 2018			
Prof. Dhaval K. Patel	Teaching Rigid Body Dynamics	MetLab Online	February 20, 2018			
	Computer Engineering Department					
Prof. Kaushal Kevadiya, Prof. Bhumika Patel, Prof. Vibhuti Patel, Prof. Kushal Patel	Application Security	TCS iON Digital Learning Empowering Learning Outcomes	20th March, 2018			
Prof. Kushal Patel	Leveraging Educator Researcher- Developer Partnerships to Improve Student Learning	Edweb	11th March, 2018			
Prof. Kushal Patel	Mindsets of Social-Emotional Learning: Part 1- The Research	edweb.net and sponsored by 7 MINDSETS	2nd May, 2018			

STTP/FDP attended/participated

Faculty Name	Event Name	Organized By	Duration	
	ASH Department			
Prof. Harshal G. Vashi	One week Short Term Training Program on "INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT"	SVNIT, Surat	30-07-2018 to 03- 08-2018	
Prof. Harshal G. Vashi	Faculty Development Program on "Student Innovation & Startup"	EDII & SSIP Cell, Education Department	17-21 December 2018	
Prof. Mansi K. Desai Prof. Megha K. Tailor	STTP on Designing of Mathematical Models in Different field of Engineering	Applied Sciences and Humanities department, GIDC Degree Engineering College, Abrama, Navsari	19th to 23rd March, 2018	
	Automobile Engi	neering Department		
Prof. Toral Patel, Prof. Ashish Jain, Prof. Ankit Patel, Prof. Mayur J. Jalanapurkar	STTP on Designing of Mathematical Models in Different fields of Engineering	ASH Department , GDEC, Navsari, Sponsored by GUJCOST, Gandhinagar	19th to 23rd March 2018	
Prof. Ashish Jain, Prof. Mayur J. Jalanapurkar Prof. Kenal Tandel	STTP on Pressure Vessel design, drafting & analysis with ASME BPVC section VIII, Div 1 & 2	Organized by GDEC & Sponsored by GUJCOST, Gandhinagar	30th April To 4th May 2018	
Prof. Toral Patel	Entrepreneurship and Innovations in renewable Energy System	B & B Institute of technology Vallabh Vidhyanagar	4th To 9th June 2018	

Faculty Name	Event Name	Organized By	Duration
Prof. Ashish Jain	Basics of Tribology and its Industrial Engineering Applications (BTIEA- 2018)	SVNIT, Surat	22nd to 26th October 2018
Prof. Sunil Khokhar	Introduction to Process Modelling & Analysis using CAD tools.	SSASIT, Surat	17th – 22nd Dec. 2018
	Mechanical Engi	neering Department	
Prof. Mayur R. Patel	Online courses on "ENGR2000X: A Hands-on Introduction to Engineering Simulations"	CornellX, An online learning initiative of Cornell University through edX.	August 2017- January 2018
Prof. Dhaval S. Chaudhari	Workshop on "3D PRINTING"	Laxmi Institute of Technology, Sarigam	20th September 2018
Prof. Bharat H. Gajera, Prof. Bruhad S. Naik, Prof. Harsh R. Naik, Prof. Dharmik A. Patel, Prof. Tarun N. Patel, Prof. Akash A. Patel, Prof. Krunal A.Hathiwala, Prof. Jigar S. Rathod	STTP on "Pressure vessel Design, Drafting and Analysis with ASME BPVC Sec VIII, Div 1 & 2"	GIDC Degree Engineering College, Navsari	30th April to 4th May
Prof. Harsh R. Naik	Online courses on "Six Sigma Yellow Belt", " Six Sigma Green Belt" and " and "Supply Chain operations"	Board of regents of the university System of Georgia	8 week June- July 2018
Prof. Dhaval S. Chaudhari	Workshop on "3D PRINTING"	Laxmi Institute of Technology, Sarigam	20th September 2018
	Computer Engin	eering Department	
Prof. Vibhuti Patel, Prof. Tejas Patel	Research Application using Python	CGPIT under ISTE Faculty Chapter, sponsored by Uka Tarsadia University	14th -18th May, 2018
Prof. Kaushal Kevadia	Research Topics in Information Security and Privacy (RTIS&P 2018)	S. V. National Institute of Technology, Surat under the ISEA II Project	18th -22nd June, 2018
Prof. Archana M. Nayak, Prof. Kaushik S. Patel, Prof. Kaushal T. Kevadia, Prof. Hetal M. Patel, Prof. Brijesh U. Patel, Prof. Bhumika H. Patel, Prof. Pankti S. Naik, Prof. Mihir A. Mishra Prof. Vibhuti P. Patel, Prof. Kushal D. Patel,	Pedagogical Effectiveness	GIDC Degree Engineering College, Abrama	3rd February, 2018
Prof. Vibhuti Patel, Prof. Tejas Patel	Faculty Development Program for Design Engineering (Level 1)	GEC-GIC, Surat	6th-9th October, 2018

Faculty Name	Event Name	Organized By	Duration	
	Civil Engineering Department			
Dr. Bhavin G. Patel	Municipal Solid Waste Management For a Smart City	Pacific School of Engineering, Palsana	17- 22 December, 2018	
Prof. Manali Shah	FLOOD ANALYSIS AND MODELLING	Civil Engineering Department, SVNIT, Surat	4th -8th June, 2018	
	Electrical Engin	eering Department		
Prof. Ketan Lad Prof. Ankur Desai	5 day FDP on Digital VLSI systems design & implementation	SVNIT, Surat	15th – 19th ,May 2018	
Prof. Ketan Lad Prof. Dhaval Patel	5 day FDP on Digital CMOS circuits & devices	SVNIT, Surat	22th – 26th ,May 2018	
Prof. Bhavesh S. Patel	Recent Trends on Power System	C.G.Patel Institute of technology, Bardoli	12th February to 16th February-2018	
Prof. Dhruvang Gayakwad	11 days STTP on Computer Aided Techniques for Electrical Machines and Power Systems	SVNIT, Surat	11 - 21 June, 2018	
Prof. Ankur P Desai	Power Electronics System Implementation Using ARM Cortex- M4 Microcontroller	SCET, Surat	15th to 19th August 2018	
Prof. Bhavesh P. Patel Prof. Rohit B. Damor Prof. Dhruvang R. Gayakwad Prof Jay R. Desai	Designing of Mathematical Models in Different Fields of Engineering	GDEC, Surat	19th – 23rd March, 2018	

Research Publication in Conforences/journals

International/National Conforences/journals

Faculty Name	Title of Paper	Journal/Conference	Month & Year
	ASH Do	epartment	
Prof. Harshal G. Vashi	A study on enhancing employability skills of Chemical Engineers using perceptions of Chemical Engineering students and alumni	Proceedings Of Gujcost Sponsored National Level Conference On "recent Innovations In Chemical Engineering"(RICHE-2019)	Jan. 2019
Prof. Harshal G. Vashi	A study on encouraging Start-ups in the field of Chemical Engineering through measuring Entrepreneurial Quotient (EQ) of Chemical Engineers	Proceedings Of Gujcost Sponsored National Level Conference On "recent Innovations In Chemical Engineering" (RICHE-2019)	Jan. 2019
Prof. Nisha S. Parekh	Towards Self-Awareness: The Evolution of Women in Gods, Graves and Grandmother	Langlit- An International Peer- Revied Open Access Journal ISSN- 2349-5189	December-2018
Dr. Shailesh S. Patel	Singular Perturbation Solution of the Problem Viscous Fingering Phenomenon in Multifluid Immiscible Flow.	International Journal of Engineering Technologies and Management Research.	May-2018

Research Publication in Conferences/journals

International/National Conferences/journals

Faculty Name	Title of Paper	Journal/Conference	Month & Year
Prof. Mansi K. Desai Dr. Shailesh S. Patel	An Analytical Solution of Non – Linear One dimensional Diffusion Equation By Homotopy Perturbation Method.	Journal of Applied Science & Computations.	June- 2018
Prof. Mansi K. Desai Dr. Shailesh S. Patel	Solving Burger's Equation Arising in Fingering Phenomenon by Laplace Transform Method.	International Journal of Management Technology and Engineering	November - 2018
Prof. Mansi K. Desai Dr. Shailesh S. Patel	A study of linear and nonlinear diffusion equations arising in fluid flow through porous Media by homotopy perturbation method	Journal of Emerging Technologies and Innovative Research	December - 2018
Prof. Megha K. Tailor Dr. Shailesh S. Patel	Study of Imbibition Phenomenon in Homogenous Porous medium Using Finite Difference Method	Journal of Applied Science & Computations.	September - 2018
Prof. Ishita V. Panchal	Essentials of Knowledge Management in Banking Sector	International Journal of Management Technology and Engineering	December - 2018
	Automobile Engi	neering Department	
Prof. Mayur Jalanapurkar, Prof. Kenal Tandel	2D Simulation Studies on Use of Boundary Layer Trip for Airfoil E216	International Journal for Research in Applied Science & Engineering Technology. Vol. 6, Issue III	March 2018
Prof. Ashish Jain	Development of Low Cost Solar Thermoelectric Air Conditioner for Fruit and vegetables Preservation	International Conference on Engineering & Technology (ICET-18) IIERD –Explore, April 2018, Rajkot, ISBN: 9788192958031, pg no. 54-58	April -2018
Prof. Ankit Patel	Construction and Design of Safer Braking System for Automatic Transmission Moped	International Journal of Innovative Knowledge Concepts	ISSN:2454-2415 Vol. 6, Special Issue 2, 2018
Prof. Ashish Jain, Prof. Mayur Jalanapurkar	Comparative study of friction and wear behaviour with different materials of segmented piston ring, cylinder liner of IC engine using LRT	International Journal of Innovative Knowledge Concepts	ISSN:2454-2415 Vol. 6, Special Issue 2 , 2018
	Computer Engin	eering Department	
Prof. Bhumika H. Patel, Prof. Tejas B. Patel	Algorithms based on clustering technique in Data Mining	International Journal for Research and Development in Technology	March, 2018
Prof, Kushal Patel, Akansha Raidas, Panthil Patel	Online Ordinary Ticket Booking In Indian Railway & It's Challenges And Issues	International Journal of Engineering Development and Research	April 2018
Prof. Bhumika H. Patel, Prof. Vibhuti P. Patel, Prof. Tejas B. Patel	Different Clustering Algorithms for WSN	International Journal For Research & Development In Technology	June, 2018
Prof. Vibhuti P. Patel, Prof. Tejas B. Patel, Prof. Bhumika H. Patel	Comparison Of Software Development Life Cycle Models	International Journal of Advance Research and Innovative Ideas in Education	June, 2018

Research Publication in Conferences/journals

International/National Conferences/journals

Faculty Name	Title of Paper	Journal/Conference	Month & Year
Prof. Tejas B. Patel, Prof. Bhumika H. Patel, Prof. Vibhuti P. Patel	A Study of Android Malware Detection Methodologies	International Journal of Advance Research and Innovative Ideas in Education	June, 2018
Prof. Tejas B. Patel, Prof. Bhumika H. Patel	Security in Multi-Tenant Cloud Environment	International Journal of Advance Research and Innovative Ideas in Education	June, 2018
	Electrical Engin	eering Department	
Prof. Rohit Damor, Prof. Ketan Lad, Prof. Dhaval Patel	Real Time Vehicle Tracking & Protection System Using Microcontroller	International Journal of Electronics, Electrical and Computational System	March 2018
Prof. Ketan Lad, Prof. Dhaval Patel, Prof. Rohit Damor	Patient Health Monitoring System Using Gsm	International Journal of Advances in Arts, Sciences and Engineering (IJOAASE)	May 2018
Prof. Dhruvang Gayakwad	Simulation Of Power Factor Correction For Single & Three Phase Load By Capacitors	International Journal of Current Engineering and Scientific Research	May 2018
Prof. Bhavin Trivedi, Prof. Bhavesh Patel, Prof. Jay Desai, Mr. Kamlesh Sonwane	Analysis of SEPIC Converter	IJEDR (INTERNATIONAL JOURNAL OF ENGINEERING DEVELOPMENT & RESEARCH)	April 2018
Prof. Ankur P Desai, Dr .R. J. Motiyani	Analysis and Validation of Speed Control of Three Phase Induction Motor using Two Level Inverter and MATLAB Based SPWM Technique	International Journal for Scientific Research and Development (IJSRD)	Sept 2018
	Mechanical Engi	neering Department	
Prof. Hariketan B. Patel, Prof. Mayur R. Patel, Prof. Daksh R. Tandel	Published a research paper entitled "Design Analysis & Fabrication of Manual Rice Transplanting Machine"	Journal for Research, Volume 04 ,Issue 01, March 2018, ISSN: 2395-7549	March 2018
Prof. Mayur R. Patel, Prof. Hariketan B. Patel	Published a research paper entitled "Design and Development of Flexi Stool"	International Journal for Research & Development in Technology, Volume-9, Issue-4	April 2018
Prof. Mayur R. Patel, Prof. Daksh R. Tandel	Published a research paper entitled "Air Multiplier with Air Cooling System"	Journal for Research, Volume 04,Issue 02,April 2018, ISSN: 2395-7549	April 2018
Prof. Daksh R. Tandel, Prof. Hariketan B. Patel, Prof. Mayur R. Patel	Published a research paper entitled "Development of Low Cost Solar Thermoelectric Air Conditioner for Fruit and vegetables Preservation"	IIERD International Conference Rajkot, ISBN: 9788192958031	April 2018
Prof. Harsh R. Naik	Published a research paper entitled "Design and Fabrication of Silo Level Measurement System"	International Journal for Scientific Research & Development, Vol. 6, Issue 02, 2018, ISSN (online): 2321-0613	April 2018
Prof. Harsh R. Naik	"Implementation of 5S in Empty Cement Bag Manufacturing Industry"	International Journal for Scientific Research & Development, Vol. 6, Issue 02, 2018, ISSN (online): 2321-0613	April 2018

Research Publication in Conferences/journals

International/National Conferences/journals

Faculty Name	Title of Paper	Journal/Conference	Month & Year
Prof. Harsh R. Naik	Published a research paper entitled "Implementation of 5S at Home for Developing a Better Place to Live"	International Journal for Scientific Research & Development Vol. 6, Issue 08, 2018 ISSN (online): 2321-0613	October 2018
Prof. Daksh R. Tandel	Published a research paper entitled "Comparative study of friction and wear behavior with different material of segmented piston ring cylinder liner of I. C. Engine using LRT (Linear Reciprocating Tribometer)	International Journal of Innovative Knowledge Concept, Volume-6, Special Issue 2, 2018, ISSN: 2454-2415	October 2018
Prof. Dhaval S. Chaudhari	Published a research paper entitled "Investigation and Optimization of Aluminium Alloy with Copper by FSW using Filler Material – A Review"	International Journal of Research in Engineering, Science and Management, Volume-1, Issue-12, December-2018	December 2018

- Prof. Nilesh R. Parmar has visited F.E.T.R., Bardoli as an Jury Member for Academic Inspection.
- Prof. Nilesh R. Parmar has joined Ph.D. in Applied Mechanics Department at S.V.N.I.T., Surat.









Faculty Achievement

- •Prof. Harshal G. Vashi, Assistant Professor, Applied Sciences and Humanities Department and Dr. Neerajkumar D. Sharma, Principal have published a research titled "Training Need Identification of Future Entrepreneurs" in proceedings of National Conference on Emerging Start-up & Innovation in Engineering and Technology (ESIET) organized by GEC Dahod.
- •Dr. Shailesh S. Patel delivered an expert talk on "Mathematical Modelling Designing and Solution Approach through Various Problems in Real Life" in STTP on Designing of Mathematical Models in Different field of Engineering, organized by Applied Sciences and Humanities department, GIDC Degree Engineering College, Abrama, Navsari, during 19th, March, 2018 to 23rd March, 2018. He has also published two books Mathematics-I and Mathematics-II.
- •Prof. Harshal G. Vashi has been appointed as Vice Chancellor's Nominee for recruitment of Assistant Professor/ Associate Professor at following colleges affiliated with Veer Narmad South Gujarat University, Surat:
 - Smt. P. N. Patel College of Education, Bardoli
 - Shri Mahavir Vidhya Mandir Trust Bed College, Pandesara
 - ⇒Vimal Tormal Poddar BCA College, Pandesara
 - ⇒The Mandvi Education Society;s BSc College, Mandvi
 - ⊃B. K. M. Science College (MSc Course), Valsad
- •Dr. Rajiv Kumar Singh delivered an expert talk on "Various Applications of MATLAB Programming" in STTP on Designing of Mathematical Models in Different field of Engineering, organized by Applied Sciences and Humanities department, GIDC Degree Engineering College, Abrama, Navsari, during 19th, March, 2018 to 23rd March, 2018.
- •Prof. Ankit K. Patel from Automobile Engineering Department has delivered an expert lecture on AUTOMOBILE ENGINES at Bhulabhai Vanmalibhai Patel Institute Of Technology Vidhya Bharti Campus, Umrakh, Bardoli, on 28th August 2018.
- •Prof. Kenal D. Tandel from Automobile Engineering Department has delivered an expert lecture on Exploring RoboAnalayzer at TEQIP-III sponsored 1 week Sttp on robotics and control during 4th to 9th June 2018, BVM V.V. Nagar
- •Prof. Ashish Jain, Prof. Ankit Patel, Prof. Sunil Khokhar and Prof. Kenal Tandel are registered as mentors for Gujarat Industrial Hackathon 2018 organized by Higher & Technical Education Department, Government of Gujarat under SSIP.
- •Prof. Ashish Jain is registered as a team mentor for the GIC, Surat GTU for their final year Project "HHO Kit" with grant passed of Rs 1.25 Lakhs.
- •Prof. Kenal Tandel, being one of the coordinator for the sports event, has uplifted our college students to participate & achieved 2nd position at the event "Volley ball" on 12th & 13th Oct. at Surat zone level GTU Sports "SPIRIT -2018". Now they are ready Inter Zone Competition.
- •Dr. H. S. Patil nominated as a Technical Program Committee Member in 2nd International Conference on Mechanical Design, Manufacture and Automation Engineering (MDMAE2018) June 24- 25, 2018 in Xi'an, China, http://www.mdmae2018.org/Technical Program Committee Member.
- •Dr. H. S. Patil nominated as an Editorial Board Member International Journal of Research and Scientific Innovation (IJRSI) ISSN No. 2321-2705 http://www.rsisinternational.org/journals/ijrsi/board-members.
- •Dr. H. S. Patil has published a book with title "Design and Structural Analysis of Multi-Speeds Helical Gear Box" under Lambert Academic Publishing, ISBN No-978-613-8-33413-2 during April 2018.
- •Dr. H. S. Patil is acting as an Editorial Advisory Board Member of Mechanical Engineering in Cambridge Scholars Publishing Limited, United Kingdom.
- •Dr. D. C. Patel delivered an expert lecture in one-week STTP on "Fundamental Concept of Pressure Vessel Design: Analytical Approach" at Chhotubhai Gopalbhai Patel Institute of Technology, Uka Tarsadia University on 4th December 2018.
- •Dr. D. C. Patel has published a book with title "Introduction to Practical PLC Programming" under Lambert Academic Publishing, Germany, ISBN 978 6138238423 during April 2018.
- •Dr. D. C. Patel has published a book with title "Performance analysis and enhancement of Two-for-one Twister machine" under Lambert Academic Publishing, Germany, ISBN 978 613 800522 during April 2018.
- •Prof. Daksh R. Tandel joined "Indian Society of Heating, Refrigeration and Air conditioning Engineers" as a member.
- •Prof. Ashish Jain & Prof. Mayur Jalanapurkar has published their 1st book on "Special Purpose Vehicles" (2180211) ISBN No.: 978-93-85173-70-7 with ATUL Prakashan, Ahmedabad for B.E. Automobile, Semester VIII students as per the Revised Syllabus of Gujarat Technological University.
- •Dr. S. S. Patel and Prof. Harshal G. Vashi has delivered a Training Session for newly recruited Talatis by Government of Gujarat of Tapi District at Vyara.



Winners at "SMART GUJARAT FOR NEW INDIA HACKATHON"

Government of Gujarat launched a state level Hackathon involving all departments of Gujarat government and universities in the state. 2 teams (5 students per team under the guidance of Prof. Brijesh Patel and Prof. Tejas Patel) of Computer Engineering Department had participated in State level Smart Gujarat for New India Hackathon.

These 2 teams had submitted solutions for problems given by ministry of Women and Child Development department of Government of Gujarat. Participated students had visited several Anganwadi of Navsari district and did survey for generated demands of Supplementary Nutrition by 6 month to 3 years of children, 3-6 years Children, Pregnant and lactating mothers and adolescent girls. Based on this survey students had developed an application that solve the problem of "Anganwadi Performance Management System".









In addition, second team had developed mobile application on location tracking system for women and girls who is in distressed. Students had developed mobile application and dashboard that call centralized control and command centre (Abhayam Women HelplineGujarat) when women is in distressed. Moreover, this application can track the current location of women when they are in distressed condition.

Both the teams won regional level Hackathon which was held at Auro University, Surat for continuously 36 hours during 10th-11th March, 2018. Additionally these two teams had participated in the Grand Finale during 24th-25th March, 2018 at Pandit Deendayal Petroleum University, Gandhinagar and declared as 2nd and 3rd winner in Women and Child Development department with the prize worth of 50,000/-

Teams along with their mentors are:

Team1: Caller's location tracking system (Women In Distressed)

Mentor: Prof. Brijesh Patel

(1) Sumit Patil (2) Namrata Patel (3) Richa Mistry (4) Mohit Desai (5) Sagar Gandhi

Team2: Anganwadi Performance Management System

Mentor: Prof. Tejas Patel

(1) Akshay Makwaana (2) Bhavin Parmar (3) Jagruti Patel (4) Akanksha Desai (5) Rohit Nikam





Runners-Up at Ultratech Sparkling Star-2018

Final year students of Civil Engineering Department (as listed below) had participated and declared as 1st runner up with an amount of 12000/- in an event called "Ultratech Sparkling Star-2018" held at SVNIT, Surat on 3rd feb., 2018. It was done under the guidance of Assistant Professor Pritesh Rathod. Around 25 colleges had participated in this event.

Sr. No.	Name of the participants
1	Jariwala Richa
2	Kotecha Priya
3	Kamariya Keyur





😵 SSIP Grant

The passed out students of Automobile Engineering students of the GIDC degree engineering college, Abrama, Navsari; Pipaliya Jayesh Najjibhai, Kalariya Utsav Pareshbhai and their team members have developed the "Oxy Hydrogen Fuel System" as a project in fulfilment of their Degree of Automobile Engineering under the guidance & mentorship of Prof. Ashish Jain. This system helps in increasing the Mileage of the two wheelers. Their idea has been approved by the GTU Innovation Council (G.I.C.) as a good alternative to help common people. This project has been selected at the state level after severe verifications at different levels. Jayesh & Utsav was granted Rs 88,250 for their project under SSIP (Student Start-up Innovation Policy) through GTU GIC-Surat. But now their grant has been increased to Rs 1,25,000.



Student Achievement





- •Final year student of Civil Engineering Department Keyur R. Kamariya Stood 1st in G.T.U. with C.G.P.A.=9.6 and awarded with "VISHVAKARMA MERIT AWARD" at Ahmedabad.
- •Tandel Vakshaben, student of 1st Year, Computer Department, secured 3rd rank at District Level in Essay competition under Ekta Yatra Competition on topic "National Integration and Communal Harmony"



Student Achievements

- More than 25 students of Automobile Engineering Department have participated for Gujarat Industrial Hackathon 2018 organized by Higher & Technical Education Department, Government of Gujarat under SSIP.
- •Dev Desai and Throat Vishal students of final year electrical engineering Department has secured 3rd rank in Table Tennis GTU sports spirit 2018 at C K Pithawala College, Surat
- •Team of Abrar Belim, Aasim khan, Tandel Ankur, Tandel Divyang, Tandel Manmit, Shaikh MD Anas, Himanshu Dubey, Jay Tandel, Harshil Tandel, Herin Tandel and Tandel Daniel secured Runners-up position in "Volleyball" at Sport festival "SPIRIT 2018" organized by Gujarat Technological University held at B.M.C.E.T. Surat on 12th and 13th October 2018.
- •Student's projects with title "Design And Development Of Innovative Fatigue Test Rig For Composite Material", "Design And Development Of Prosthetic Leg", "Development And Testing Of Vertical Axis Magnus Wind Turbine", "Fabrication And Testing Of Bio Composite Construction Helmet", "Design And Development Of 4-Axis Filament Winding Machine" and "Development And Evolution Of Weight Grading Machine For Chikoo" were registered for SSIP.

Hardikar Gaurav P., Student from Mechanical Engineering Department is selected as Seaman 1 in Indian Navy.

Adil Shaikh, student from Mechanical Engineering Department secured first rank in State Level Event "MATHS MANIA" at SSASIT College.

Adil Shaikh, Amit Chaudhary, Deep Desai and Komal Thoke secured First Rank in National Level Event "SHOW ME WHAT YOU GOT" at Laxmi Institute of Technology, Sarigam.













Industrial Visit

Name of Industry

SARDAR PATEL RENEWABLE ENERGY RESEARCH INSTITUTE (SPRERI), Vallabh Vidyanagar

Swadesh Udyog, GIDC POR, Vadodara

Vital Cast, at POR GIDC Industrial Area, Raman Gamdi, Vadodara

AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA (ARAI) - PUNE

Pune Metro Rail

Sardar Sarovar Dam

Saputara for Contour Survey

Bharat Sanchar Nigam Limited, Surat

Indian Space Research Organisation (ISRO), Ahmedabad

Hem Industries, Daman

Kakrapar Atomic Power station

NHB Ball & Roller LTD, Amalsad.

WRLDC, Andheri

Electric Locoshed, Valsad

ASPEE Group of Companies at Bilimora

DHUVARAN GAS BASED POWER STATION

Bhenkabhai Ice Factory Bilimora And Shiv Aqua Ice Plant Bilimora

ACEY Engineering Pvt. Ltd. Bilimora

Laxmicine Magic, Navsari

ASPEE Group of Companies at Bilimora

Bridge Construction Site Visit Surat

Dhuvaran Gas Based Power Station





























BE YOUR OWN LIGHT!! (An inspiring article)

Sometimes there may be a situation when there's everything misty, vague and unclear and you need to stand by yourself amidst all the darkness which hinders your way!! There are moments in which you have to fight against all odds and you ought to stand firm!! There are times when all are against you, even your near and dear ones, there again all you need is a heart of steel!! There may be chances that you might fall but have you heard of any example who failed and never came back, surely they always did, Right??!!!

Sometimes, you find yourself in the middle of nowhere, and sometimes, in the middle of nowhere, you find yourself. In this process you surely discover your inner potential, the real and worthy you, all you need is to be your own soulmate and be your own light!! You are not stuck where you are unless you decide to be, it is totally our thinking that makes our way or gets us into a pool of troubles, the choice is totally ours as its rightly justified "You are what by the choices you make"!!

When you start always ask yourself the very first question, 'Am I doing the most important thing I could be doing today?' and if it answers in yes then surely you're on a right way!! Start by doing what is necessary & important, then what is possible, and suddenly you would be doing the impossible!! That's the magic of perseverance and constant efforts of pushing oneself to be more and more better each day!!.

So,

Dance your own Beat, Rock your own Style, Be your own Light & Become the Best Version of YOURSELF!!!!

-Karan Katira 3rd Year Computer Engineering

MY BAD LUCK

Sabhi ki zindgi main ek aisi chizz hai jo har uska bana banaya kam bigad deta hai wo hai uska bad luck. Mera bad luck bhi aisa hi hai mere har kam me apni nak ghused deta hai. Bachpan me to uska dose bas teacher se bina galti daant khana, paper me achha likhne k bavjud kam marks aana , yaa to apni har galti ki saza maa ko milne tak hi simit tha. Lekin jaise meri height badhti gai usne apna dose bhi badha diya. Jaise ki main apni har manzill k ek dum pass hone k bavjud use pa na sakna, jaise ki apni har achhi adat ki bi saza katna, jaise ki apni harr dill ke pass chizz ko kho dena, jaise ki apne harr pyaar ko kho dena, jaise ki exam me vahi saval ana jo tumhe kha ho ki yeh to aa hi nahi sakta,bhale hi wo saval dusre subject ka kyu na ho. Yeh bad luck sirf mujeh paresaan karta tha aisa nahi, yeh mere dill k karib insaan ko bhi paresaan karne laga jab wo mere sath ache sambandh bandh rahe the. Matlab me apne bad luck se ab bore ho chukka tha harr wo chizz jo main dill se karna chahta tha use mujse door kar deta tha. Or phir ek din wo kehte hai na "khali dimag saitan ka ghar" mere dimag bhi aise hi khali pad gaya, main apne bad luck se itna gussa ho gaya ki mere mind yeh keh diya ki aise bad lucky hone se achha marr jana behter hai. Maine bhi than liya ki ab nahi jeena ab bas bahut ho gaya, or main pohch gaya ghar ki chhat pr jaise tarres ki pali pe chadha, mera pair phisla or tarres pe gira chot lagi or phir se mere bad luck ne mera bana banaya faisla bigad diya.

Iss baat se dukhi ki meri kismet itni khrab kaise, achank mere dill ne ek khyal diya ki aaj me zinda hoon to apne bad luck ki vajeh se hi hoon. Bach pan ki harr bad luck dastaan ne mujeh harr nai sachai se vakif kiya hai, jaise bina galti data khana 'sachai k liye aavaz uthana' shikha gayi, paper main mehnat ke bavjud kam marks 'humesha bina harr mane mehnat' karna shikha gayi, maa ka meri galti pe daant khane k bavjud mujeh pyaar karna shikha gaya ki 'maa se behtar koi hai hi nahi'. Jo dose badha tha wo bhi meri zindgi ko sahi rahh pe le jane k liye tha, jaise ki apni mazil na paa sakna mujeh shikha gayi ki kabhi apna k goal simmit mat rakho, wo tumhe simmit bana degi, apni harr achhi aadt pe daant khana hamesha achha bana shikha gayi, apni dill k pass ki harr chiz ko khona yeh shikha gayi ki zindgi main aise kayi mukam hoge jha tumhe kuch pane k liye kuch khona padega, us samay tum harr na jau yeh uski tyari thi. Apna pyaar harr baar kho dena shikha gaya ki zindgi me hamesha harr kisi se pyaar karte raho, harr kisi ki madad karte raho, harr kisi ko khush rakha karo or isse zindgi me ek din aisa jarur ayega ki jab koi tumhe khush karne ki, tumhe help karne ki, tumhe pyaar karne ki suruat jarur karega, wo mujeh paper main me aane vale unexpected saval se bhi shikha gaya ki zindgi me aise kayi unexpected mukam aayenge jiske liye tumhe hamesha tyaar rehna padega. Yeh sari chizze main kabhi bhi kahi nahi shikhi thi, sab mere ander apne aap aa gayi thi and it's just because of my bad luck.

Or sab se badi baat shikha gaya mera pyaara bad luck ki mere bad luck ki ander hi ek good luck chhupa hai bas mujeh use sahi tarike se samjna hai or use sahi tarike se bahar nikalna hai.

-Ayush Tandel(171100107043) 2nd Year Computer Engineering

What does Burning desire mean?

"Burning desire" are two ordinary words but when together it creates a history. What does a burning desire mean? Does it mean to do anything for one's destiny? No...does it mean to leave all enjoyment and concentrate on one's goal? No...does it mean to do what ever one wishes in spite of breaking the rules and regulations? No... burning desire is not this. It is the fire in one self that keeps burning till one achieve one's goal. It is the desire that does not allow the person to rest. It is that does not allow one to think of anything else i.e. Materialistic pleasure until the ends are met. It is that gives one strength to think Work and achieve the target, the goal aimed by one. It is the fire Which gives one the power to face any problem, cross hindrance and win over any obstacle which comes in between the individual and his destiny.

Burning desire is the confidence that helps a person to achieve his goal. But it is not the same with all individuals especially in today's generation. Todays youth does not believe in the term 'burning desire'. They just want to enjoy their life and waste their precious time in useless material pleasures. They have no interest to do something, to have a unique image of their own or work hard in this world.

Every coin has two side, the good and the bad. In the same way there are handful of people who have the fire-the burning desire in their hearts to achieve their goal.

This fire in an individual for work can change the map of once life, it is this that makes the individual crazy to achieve the ends with all the efforts. It is truly said "Man is the architect of his life". We are the one who can change shape of our life, can change it to a famous biography from an ordinary life. Great author Ruskin bond was not enough literate that he could write a book in English with flair. But it was the burning desire in him that today he is renowned author, famous all over the world and today his books are read by millions of people across the globe.

Similarly, great scientist Stephen Hawkins who is completely paralyzed but his mind still works. He too Created history with inventions in spite of his mind and paralyzed body. If these great people can do so , why can't every individual? They too were ordinary but burning desire in them, the craze to be odd one out of the millions helped them supported them to reach at the top of hill of success.

A man can change the whole world with his will power, the strongest weapon against each obstacle and each problem. When the thoughts and dream start with one's destiny, then no one can stop the person from achieving the goal.

Hence it is said that, "If you want to enjoy something, always think today is the first day, but if you want to achieve something today is the last day".

-Divyesh Patel 4th Year Electrical

Rangoli of Lord Krishna



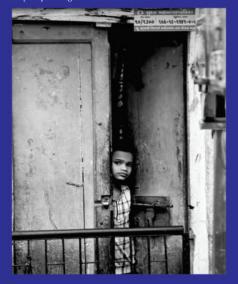
Ayush Patel (171100107021) 2nd year Computer Engineering

Freehand



Parnika Rathod (171100107038) 2nd Year Computer Engineering

Every next level of your life will demand a different version of your self. The sad reality of the world, stop exploring them educate them.



Harsh P. Desai 4th Year Computer Engineering



ENGINEERING



095863 55333

1005/1006, Turning Point Complex,

Your GATE Way to Success ...

Inspiring Creativity & Endeavour

IES | GATE | PSI

AHMEDABAD - JAIPUR - NAGPUR - PUNE - VADODARA - VIDHYANAGAR - VIJAYWADA - RAJKOT - AMRAVATI - KOCHI B/s. Majura Fire Station, Ghod Dod Road, Surat-395 001 www.icegateinstitute.com

જીવનના બે મહત્વ ના અંગ - હાર અને જીત

શું છે હાર.....

હાર.. આ શબ્દ આવે એટલે એવુજ થાય કે માણસ એ કરેલો પ્રયત્ન નિષ્ફળ નીવડ્યો. એ વાત તદ્દન સાચી.પરંતુ પ્રયત્ન નો અર્થ આપના માટે હોવો જોઈએ "વારંવાર". નિષ્ફળ ગયેલા પ્રયત્ન ને વાગોળી તેમાંથી મળતી આપડી ભૂલ ને સહજ સ્વીકારી તેનો શ્રેષ્ઠ રસ્તો શોધી નવા પ્રયત્ન માટે સજ થવું જોઈએ.હાર તો આપણને આપણા પ્રયત્ન ને સુધારવા નો રસ્તો છે.હાર આપણને ચોખું કે છે કે તમે જાઓ અને આ આ વસ્તુ સુધારી ને લાવો.જેમ કે આપણે મળતા Reviva.જેમ આપણે reviva આપવા જઇ તેમ re-પ્રયત્ન કરવું જોઈએ.એવું જો ધારીએ તો હાર નો કોઈ દિવસ ભય નહિ લાગે.અને માણસે ધારેલું કોઈ દિવસ નિષ્ફળ ના જાય....

શું છે જીત.....

જીત.. બસ આ બે શબ્દો સાંભળવા માટે માણસ શું શું નથી કરતો.પોતાના માં રહેલી બધી જ શક્તિ ને કેન્દ્રિત કરી,પોતાની બધી જ ક્ષમતા નો અંત સુધી ઉપયોગ કરીને પોતાનું કાર્ય પાર પાડ્યા પછી બસ આ બે જ શબ્દો સંભાળવાની આશા હોય છે.પણ શું ખાલી જીત જ મહત્વ ની છે.ના.. આ જીત ને મેળવવા જે રસ્તો જે પ્રયત્નો કરેલા તે આપણા વ્યક્તિત્વને શોભે તેવા છે કે નહિ તે વધારે મહત્વનું છે.કોઈને નુકસાન પોચાડી કોઈને બરબાદ કરીને મેળવેલી જીત નકામી છે.એવી જીત શું કામની જે ને પામીને આપણે આપણા સ્નેહી જનો થી દુર થઈ જઈએ. એવી જીત શું કામની જે મળી ગયા પછી પણ તેનું કોઈ મૂલ્ય જ ના હોય તેવી જીત તો આપણા સંસ્કાર આપણા વ્યક્તિત્વ ની સૌથી મોટી હાર છે.આવી અનીતિ ની જીત કરતા હું એવી હાર પસંદ કરીશ જેમાં મારો પરિવાર ખુશ હોય, મારા સગા વાહલા મારી સાથે હોય, મારો સમાજ મને સાચો અને નીતિવાન ગણતો હોય.આવી હાર મળવાથી પણ મને રાતે શાંતિ ની ઊંઘ મળતી હોય તો હું એની સામે બધી જ જીત ફકરાવવા તૈયાર...

-Viral Senghani 2nd Year Computer Engineering

Nayi Subah

Agar har roz uth kar nayi subah hi dekhni hai,

To kyoon unn purani baaton ko yad kar zindagi guzarani hai,

Har kisi ko aisi khubsoorat subah dekhne ko nahi milti,

Agar hume ye subah dekhne ko mil rahi hai to kyoona na,

roz uth kar kuch naye sapne dekhe aur unn sapno ko sach karne me lag jaaye...

Life

Life is a magic Live it magically.

Life is a love

Enjoy it lovingly.

Life is a song

Sing t sweetly.

Life is a beauty!

Live it beautifully.

Life is a duty,

Perform it honestly

Life is a promise

Fulfill it heartily

Life is a book

Read it carefully

Life is a Challenge

Overcome it bravely

Life has its span

Live it happily.....

-Divyesh Patel 4th Year Electrical -Niral Jayeshbhai Patel (171100107027) 2nd year Computer Engineering

Time

Time is slow when you wait!

Time is fast when you are late!

Time is deadly when you are sad!

Time is short when you are happy!

Time is endless when you are in pain!

Time is long when you feel bored!

Every time, time is determined by your

Feeling and your psychological conditions

and not by clocks. So have a nice time Always.

-Keval.H.Patel (171100119032) 2nd Year Mechanical Engineering

Nayi Subah

जो साहस को तलवार और, प्रयत्न को ढाल बनाए वह है युवा। जो पर-विश्वास से ज्यादा, आत्मविश्वास को महत्व दे वह है युवा। जो फल से ज्यादा. कर्म को महत्व दे वह है युवा। जो युग बदलने की शुरुआत, आत्म-परिवर्तन से करेगा वह है युवा। जो परिवार को ताकत और, मित्रों को हिम्मत समझें वह है युवा। जो लक्ष्य सत का और, निर्णय भलाई का सोचें वह है युवा। जो अपने धर्म को जिम्मेदारी और. कर्म को कर्तव्य समझे वह है युवा। जो शरीर से कम और, बुद्धि से शत्रु को हरायै वह है युवा। युवा कोई वय मर्यादा नहीं है, युवा एक परिस्थिति है! जो किसी भी आदमी को युवा बना देता है।

> -Ayush Tandel(171100107043) 2nd Year Computer Engineering







Davara Dhruvik A. (3rd Year Automobile Engineering)

સીધા સંપર્કમાં આવ્યા વગર આગને ઓલવી શકાય એવો રોબોટ બનાવતા અબામા કોલેજના વિદ્યાર્થીઓ

નવસારી | નવસારી અબ્રામા જીઆઇડીસી ડીગ્રી એનુજિનીયરીંગ કોલેજના ઇલેકટ્રીકલ વિભાગમાં અભૂયાસ કરતા વિદ્યાર્થીઓએ એક એવો રોબોટ તૈયારે કર્યો છે. જેના થકી સફલ, કોલેજ કે ઘર જયાં કોઇપલ પ્રકારની આગ લાગી હોય તો આગના સીધા સંપર્કમાં આવ્યા વગર આગને ઓલવી શકાય. આ રોબોટ પ્રા.૫વલ કે પટેલના માર્ગદર્શન હેઠળ ઇલેકટીક વિભાગમાં છેલ્લા વર્ષમાં અભયાસ કરતા વિદ્યાર્થીઓ પિન્દેશ પટેલ, મયંક પટેલ, નિકુંજ પટેલ અને હિતેશ ખાનીયા દ્વારા તૈયાર કરવામાં આવ્યો છે. આ રોબોટ આગ ઓલવવા ઉપરાંત જમીનમાં રહેલી ધાતુની જાણ કરે છે. તેથી આ રોબોર્ટ ફાયર સુટેશનોમાં તથા યુદ્ધમાં સૈનયને પણ મદદરૂપ થઇ શકે છે. આ રોબોર્ટ પર વધુ રીસર્ચ કરવામાં આવી રહ્યો છે. કોલેજના પ્રિનુસીપાલ



ડો કે એન મિસ્ત્રી ઇલેક્ટીકલ વિભાગના વડા પવલ પટેલે વિદ્યાર્થીઓને અભિનંદન પાઠવ્યા છે.

અબ્રામા કોલેજ ખાતે વિજ્ઞાનમેળામાં 144 વિદ્યાર્થીએ ભાગ લીધો

નવસારી | આજના સ્પર્ધાત્મક યુગમાં વિદ્યાર્થીઓના વૈજ્ઞાનિક, સર્જનાત્મક સંશોધનાત્મક, વિચારોને વેગ મળે તે હેતુથી જીઆઇડીસી ડિગ્રી એન્જિનિયરિંગ કોલેજ, અબ્રામા, નવસારી ખાતે વિજ્ઞાનમેળાનું આયોજન કરાયું હતું. જેમાં નવસારી, વાપી, વલસાડ તથા વિવિધ શાળાઓના કુલ 114 વિદ્યાર્થીઓએ ભાગ લીધો હતો અને તેમના દ્વારા 38 પ્રોજેકટો રજૂ કરાયા હતાં. નવસારી, વાપી, બીલીમોરા, ચીખલી, રાનકુવા, ગણદેવી તથા સોનગઢની વિવિધ શાળાઓના આશરે 300થી વધ વિઘાર્થીઓએ આ વિજ્ઞાનમેળાની મુલાકાત લીધી હતી. વિજ્ઞાનમેળા દ્વારા વિઘાર્થીઓમાં વિજ્ઞાન અને પ્રોઘોગિકી જેવા વિષયોમાં રસ પેદા થવા ઉપરાંત તેમની પ્રતિભા પ્રદર્શિત કરી તેને બહાર લાવવાની અમુલ્ય તક મળી હતી. આ અવસરે

ધારાસભ્ય પિયષભાઇ દેસાઇ. રોટરી આઇ.ના રશ્મીકાંતભાઇ પટેલ તથા જીઆઇડીસી એજયુકેશન સોસાયટીના સભ્ય સીએ વિનોદચંદ્ર દેસાઇ હાજર રહી વિદ્યાર્થીઓનો આત્મવિશ્વાસ વધાર્યો હતો. આ પ્રસંગે સંસ્થાના આચાર્ય ડો.નીરજ શર્મા. કન્વિનર ડો.એસ.એસ.પટેલ, પ્રા.વિકંજ ટીલવા, પ્રા.તોરલ પટેલ, પ્રા. હર્ષલ વશી ઉપસ્થિત રહ્યા હતા.

નવસારી જીઆઈડીસી ડિગ્રી કોલેજનું ગૌરવ

નવસારી | સુમાર્ટ ગુજરાત હેકાથોન સુપર્ધાના રીજીયોનલ રાઉન્ડ અમદાવાદ, વલ્લભ વિદ્યાનગર, રાજકોટ અને સુરત ખાતે તાજેતરમાં યોજાઇ હતી. આ સ્પર્ધામાં સુરતની ઓરો યુનિવર્સિટીમાં યોજાઇ હતી. જેમાં 16 કોલેજના 600 વિદ્યાર્થીઓ સતત 36 કલાક બેસીને ગુજરાત સરકારની એપ્લીકેશન, વેબસાઇટ અને સર્વિસને વધુ સારી રીતે પ્રોવાઇડ કરી શકાય અને એનું મેનેજમેન્ટ કેવી રીતે કરી શકાય તે માટે કોડ તૈયાર કર્યો હતો. હેકાયોનમાં રીજીયોનલ રાઉનડમાં જીઆઇડીસી ડિગ્રી



એન્જિનિયરીંગ કોલેજના કમ્પ્યુટર એન્જિનિયરીંગ વિભાગના વિદ્યાર્થીઓની બે ટીમે ભાગ લીધો હતો. વિદ્યાર્થીઓએ મહિલા અને બાળ વિકાસ વિભાગને લગતી સમસ્યાની નિવારણ માટે વેબસાઇટ અને એપ્લિકેશન

બનાવી હતી. આ રાઉન્ડમાં પસંદ પામેલી 7 ટીમોમાંથી જીઆઇડીસી કોલેજની બંને ટીમો વિજેતા થઇ હતી. આ રીજીયોનલ રાઉન્ડમાંથી ફાઇનલ સ્પર્ધા માટે જી આઇડીસી કોલેજના વિદ્યાર્થીઓ પસંદગી પામ્યા છે.

નવસારીની ડિગ્રી એન્જિનિયરિંગ કોલેજના વિદ્યાર્થીઓનો હેકોથોન સ્પર્ધામાં ભવ્ય વિજય

નવસારી, તા. ૨૧

નવસારીના અબ્રામા ગામે આવેલી જીઆઇડીસી ડિગ્રી એન્જિનિયરીંગ કોલેજની ટીમે તાજેતરમાં સ્માર્ટ ગુજરાત હેકાથોન સ્પર્ધામાં ભગા લઇને રીજ્યોનલ સ્પર્ધામાં પ્રતમ ક્રમ મેળવ્યો હતો. સ્માર્ટ ગુજરાત હેકાથોન સ્પર્ધાનાં રાઉન્ડ અમદાવાદ, વલ્લભ વિદ્યાનગર, રાજકોટ અને સુરત ખાતે યોજાઇ હતી. જેમાં સુરત ખાતેની સ્પર્ધા ઓરો યનિવર્સિટીમાં યોજાઇ હતી. જેમાં ૧૬ એન્જિનિયરીંગ કોલેજના ૬૦૦ વિદ્યાર્થીઓ સતત ૩૬ કલાક બેસીને ગુજરાત સરકારની એપ્લીકેશન, વેબસાઇટ અને સર્વિસને વધુ સારી રીતે કરી શકાય તે માટેનો કોડ તૈયાર કર્યો હતો. આ રિજનલ સ્પર્ધાના રાઉન્ડમાં જીઆઇડીસી ડીગ્રી એન્જિનિયરીંગ કોલેજના કમ્પ્યટર એન્જિનિયરીંગ વિભાગની બે ટીમે ભાગ લીધો હતો. તેમણે મહિલા અને બાળ વિકાસ વિભાગને લગતી સમસ્યાના નિવારણ માટે વેબસાઈટ અને એપ્લિકેશન બનાવી હતી. આ બંને ટીમ વિજયી બની હતી. રિજનલ રાઉન્ડમાંથી ફાઇનલ સ્પર્ધા ગાંધીનગર ખાતે યોજાશે. તેમાં આ કોલેજની બંને ટીમ ભાગ લેશે. વિદ્યાર્થીઓની સિદ્ધિને શિક્ષણ જગતે અભિનંદન પાઠવ્યાં હતાં.

૪ થી ૪૦ કિલોમીટરની ઝડપે દોડતી સોલર ઉર્જાથી ચાલતી કાર ગોલ્ફના મેદાનમાં ગોલ્ફકાર્ટ બની જાય છે

વ્યવસારીના ભારતમાં પાત્ર સારાંથી જ આઇ.ડી.સી દિલી એ-જનિવર્સિંગ કે એ જન્ન દિવાસીઓએ કોઇપલ લાનું સુધ્યત્ર કેલાયા વચ્ચે કોઇપલ લાનું સુધ્યત્ર કેલાયા વચ્ચે કોઇપલ લાનું સુધ્યત્રે સ્ત્ર સ્વાર્ચિક પેલ ઇપલોગ લઇ સકે છે. પેટોલ-ડિઝકલા ઉપયોગથી વર્ષી રહેલા પ્રદુષ્ણને વાચ્યા અને મહિલામાં

થ્યો રહેલા પ્રદુષણને નાથવા ધ મરિપ્યમાં આ પેટ્રોલીયમ ઇપણ કેંબ્રિકિટ અઇકાને ધ્યાનમાં રાખે તાર્ન વિકાય નરીકે સીરઉજા મદદથી વાતન ચલાવી શકાય તે હસ્ત્ય પ્રયોગ નવાસારી જિલ્લા

નવસારી એન્જીનિયરીંગનાં વિધાર્થીઓએ બનાવેલી કારનો વ્હીલચેર તરીકે પણ ઉપયોગ થઇ શકે છે

નવસારી અબ્રામા એન્જિનિયરિંગ કોલેજ ખાતે આયોજિત જોબફેરનો ૪૦૦થી વધુ વિદ્યાર્થીઓએ લાભ લીધો

વિદ્યાર્થીઓની પસંદગી થશે. જોબંદેરમાં 22



બે દિવસીય જોબકેરમાં પ્રથમ દિવસે ૨૦ જેટલી આવ્યું હતું. કંપનીઓએ ભાગ લીધો: આજે પણ જોબફેર યોજાશે

એન્જિનિયરીંગ કોલેજ ખાતે જોબફેર આશય કોલેજના વિદ્યાર્થીઓને સ્થળ જેમાં કોમ્પ્યુટર,

મીકેનીકલ, પર જોબ પ્લેસમેન્ટનો રહેલો છે. ઇલેક્ટ્રીકલ, આજે તા.૨૪/૫/૧૮ ઓટોમોભાઇલ્સના કોલેજ તથા દક્ષિણ જોબઠેર યોજાશે. જોબઠેર દરમિયાન વશી, ઈ.એન.એચ.પાટીલે જોબઠેર.માટે ગજરાતની ૨૨ કોલેજના વિદ્યાર્થીઓ વિદ્યાર્થીઓની પ્રાથમિક ટેસ્ટ. ગય જહેમત ઇઠાવી હતી.

અગ્રગણ્ય કંપનીઓ મેલિલ રબર ઇન્ડિયા લી., ટ્રાન્ડીટ ઇલેક્ટ્રોનિક્સ લી., યીસ પ્રીસીસન સ્ટીલ ઇન્ડિયા પ્રા.લી. હિલ્ટી ઇન્ડિયા પ્રા.લી. બેચ.એલ.ઇ.એન્જિનિયરીંગ પ્રા.લી., વિમુક્ત સોલ્યુસન્સ, ટીલાયન્સ જીઓ વર્ગર ભાગ લીધો હતો. ભરતી મેળો યોજવા પહેલા અગ્રણી કંપનીઓ સાથે સંપર્ક કરીને, તેમની જરૂરિયાત મુજબ विद्यार्थीओने प्रशिक्ष

અભ્રામા એન્જિનિયરીંગ કોલેજના આચાર્ય ઇ.કે.એન. મિસ્ત્રી દ્વારા વિદ્યાર્થીઓને જોબ પ્લેસમેન્ટ માટે વિવિધ જાણીતી કંપનીઓને આમંત્રણ આપીને સુચારૂ આયોજન કરવામાં આવ્યું હતું. ડા.અર્ચના નાયક, નિલેશ પરમાર, હર્યલ

નવસારી જીઆઈડીસી ડિગ્રી એન્જિનિયરિંગના વિદ્યાર્થીઓનો હેકાથોન સ્પર્ધામાં ઉત્કૃષ્ટ દેખાવ

આવેલ ડિગ્રી એન્જિનિયરિંગ કોલેજના વાયા દિશા આ માન્યાના કાવકના વિદ્યાર્થીઓ ગુજરાત હેકાયોન સ્પર્ધામાં વિજેતા બનતા તેમને ૫૦,૦૦૦નું

ાયજતા નાનતા તમના ૧૦,૦૦૦નું ઇનામ અધાયું હતું. ગુજરાત સરકાર ત્રારા સ્માર્ટ ગુજરાત હંદાયાન સ્પર્યા-૨૦૧૮નું આયોજન કરાયું હતું. જેમાં ગુજરાત સરકારની એપ્લીકારનો વેખસાઇટ અને સર્વિસને કેવી રીતે સુધારી શકાય અને એનું મેનેયુલેન્ટ કેવી રીતે કરી શકાય એ માર્ટ વેપાર્થમાટ કર્યા દાંગ કરો શકાય એ ચાટ કોડ તૈયાર કરવાનો હતો. આ સ્પર્ધામાં વિદ્યાર્થીઓ સતત ૩૬ કલાક બેસીને કામગીરી કરવાની હતી. સ્માર્ટ ગુજરાત હેકાયોન સ્પર્ધાના સ્થિનલ સાઉન્ડ કામગારા કરવાના હતા. સ્માટ નુજરાત હૈકાયોન સ્પર્યાના રિજનલ ૧૩૦ન અમદાવાદ, વલ્લભ્યવિદ્યાનગર,રાજકોટ અને સુરત ખાતે યોજાઈ હતી. જ્યાદે રાજ્ય કલાની ગ્રાન્ડ કિનાલે રાઉન્ડ ગાંયીનગર પેડિંત દીનદયાલ પેટ્રોલિયમ

૧૫૭ ટીમો અને અદાજીત ૧ વિદ્યાર્થીઓએ ભાગ લીધો હતો રાજ્ય કલાની કાઇનલ રા જીઆઇડીસી ડિગ્રી એન્જિનિયરીંગ કોલેજના કમ્પ્યુટર એન્જિનિ વિભાગના વિદ્યાર્થીઓની બંને વિજેતા થઇ હતી. વિદ્યાર્થીઓએ વુમન એન્ડ ચાઇલ્ડ ડેવલપમેન્ટ ડિપાર્ટમેન્ટને અન્ય સાઇક્ટ ઇન્ફલયમન્ટ દિપાદેશનન્ત્ર લગતી મોમાઈલ એપ પર કામ કર્યું લઇ, પ્રથમ એપ કોલસે લોકેશન દેડિંગ સિસ્ટમાં વુમન ઇન દેસ્ટ્રીક્ટ) હતી. જેમાં પ્રોલિજેશ પટેલ (મેન્પ્ટર) સાગર ગાંપી, સુમિત પાટીલ, રીચા મિન્સ્ટી, નક્ષતા પટેલ અને મોદિત દિસાઈએ તૈયાર કરી હતી. બીજી એપ આંગલવાડી પ્રાપ્તેમન્દ્ર એડેન્ગરેના ગીલ્લાન્ટની એમાં પરક્રોમન્લ મેનેજમેન્ટ સીસ્ટમ હતી જેમાં પ્રો.તેજશ પટેલ(મેન્ટર), રોહિત નિકમ, જાગૃતિ પટેલ, આકાંથા દેસાઇ, ભાવિન યુનિ. બાતે યોજાયો હતો. જેમાં કુલ રૂ.૫૦,૦૦૦નું ઇનામ અપાયું હતું.

ઇલેક્ટ્રીક લાઇનમાં ફોલ્ટ કયાં છે તે જાણી શકાય તેવું ડિવાઇઝ બનાવાયું

અબ્રામા એન્જિયરિંગ કોલેજના વિદ્યાર્થીઓએ ડિવાઇઝ બનાવ્યું

(भार5र न्यू)र्व नवरासी

અભ્યાસ કરતા વિદ્યાર્થીઓએ એક કરવામાં આવ્યું છે. એવું ડીવાઇઝ તૈયાર કર્યું છે, જેના થકી ઇલેક્ટ્રીક પ્રવાહ વહન કરવા કર્યા અનુસાર ડિવાઇઝ દક્ષિણ ગુજરાત પણ થશે. ડિવાઇઝ બનાવવા બદલ મુશ્કેલી ઊભી થઇ છે તેની તરત જ જાણકારી મળી રહે છે. આ ડિવાઇઝ પ્રો. ધવલ ગાયકવાડના માર્ગદર્શન કરવામાં આવ્યું છે. આ ડિવાઇઝ ઇલેક્ટ્રીકલ વિભાગ ધવલ પટેલે હેઠળ ઇલેક્ટીકલ વિભાગમાં છેલ્લા - ટાન્સમીટર પર લગાડવામાં આવે તો - વિદ્યાર્થીઓને અભિનંદન પાઠવ્યા છે.

ભાવિક એ. સરૈયા, પ્રવિભ વી. આ ડિવાઇઝના કારલે લાઇન ફોલ્ટ નવસારી અભામા એન્જિયરિંગ પરોહિત, ક્રિષ્મા સી.પવાર અને કે અન્ય કોલ્ટ હોય તો તરત જ દર કોલેજમાં ઇલેકટીકલ વિભાગમાં નિલય ડી. પટેલની ટીમ દ્વારા તૈયાર કરી શકાય છે. ખેડૂતો માટે ખૂબ જ

વીજ કંપની કાપોદ્રા સુરત કોર્પોરેટ ઓફિસ સાથે કન્સલ્ટન્સીમાં તૈયાર

વર્ષમાં અભ્યાસ કરતા વિદ્યાર્થીઓ કર્યા ફોલ્ટ થયો છે તે બતાવી દે છે. ઉપયોગી બની શકે છે. ડિવાઇઝના ભાવિક સરૈયાના જુવાવ્યા કારણે તરત કોલ્ટ દૂર થવાથી કાયદો કોલેજના પ્રિન્સીપાલ ડો. કે.એન. મિસ્ત્રી, હેડ ઓફ ડિપાર્ટમેન્ટ



ડિવાઈઝ સાથે અબામા કોલેજના વિદ્યાર્થીઓ.

પાનના ગલ્લાવાળાનો દિકરો જીટીયુની બીઇ સિવિલ પરીક્ષામાં રાજ્યમાં પ્રથમ

નવસારીની જુઆઈડીસી डोलेक्ना विद्यार्थी डेयुरने विश्वहर्भा सेवोईथी सन्मानित કરાયો

નવસારી : વિજલપોરમાં સામાન્ય પરિવારમાંથી આવતો અને પાનનો નલ્લાવાળાનો દિકરો ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટીમાં સમગ્ર રાજ્યમાં પ્રથમ કર્મ આવતા પરિવારમાં ખુશીની લાગણી જેવ **ખુશીની લાગણી જોવા મળી હતી.** જેને જીટીયું ધ્વારા વિશ્વકર્મા મેરીટ એવોર્ડ આપીને સન્માનિત કરવામાં આવ્યો હતો. વિજલપોર શહેરના પ્રિતિ



કોમ્પલેશમાં રહેતા અને અયોધ્યા નગર પાસે શ્રમ્થા પાન એન્ડ કોલ્ડીક્સની દુકાન ચલાવતા રજાછોડભાઈ કમરિયા અને તેમના પત્ની નીતાલેન ઑધ્ય व्यक्तेका जता. पाननो शक्को बहावी જીવન નિર્વાત ચલાવતા રસાશેડભાઈનો દિકરો કેવુર પ્રારંભથી જ ભણવામાં હોશિયાર હતો. જેથી તેમણે કેયુરને भगावचा पाछण पाछीपानी अर्री न _अवस्थित पाना 9 पर 🗂

Photo Gallery























ANALYTICAL LABORATORY & R&D CENTRE

We take an opportunity to introduce ourselves as **CENTRE OF EXCELLENCE** (**COE**) in Vapi. CENTRE OF EXCELLENCE is a multi-disciplinary fully computerized, State-of-Art Testing facility for Chemical, Instrumental and Microbiological analysis, Digital Library, R & D Centre, pilot plant/scale up facility and Convention Centre for Seminars & Conference as well as Video Conference facility located at Vapi, Gujarat.

The centre's objectives are to provide exquisite services to all the analytical areas in compliance with regulatory and industry standards.

Our services are customized to meet Customer individual requirements accurately and efficiently within the framework of regulatory guidelines. COE is committed to on going investment in the highest level of training and professional development within each discipline.



o NABL ISO/IEC 17025:2005 Accredited Laboratory



o ISO-9001:2008 Certified Organization.



o Scheduled -II Auditor Authorized by GPCB

FDA Approved Laboratory

Analytical Laboratory



CENTRE OF EXCELLENCE has the capabilities to conduct tests of Pharmaceutical & Cosmetic products, Ayurvedic product, Agro and Agro Chemical derivatives, Textiles-Dyes and Pigments, Chemicals & Intermediates, Food products, Water & Waste Water, Solid-Waste, Paper & Packaging Material, Metal analysis, Minerals and Petroleum products for physico-chemical parameters & Microbiological. COE has expertise in method development and validation as per ICH guideline. We are offering the testing service for above all the products and use of our pi lot plant/scale up facility and R&D Centre to develop the product.

CENTRE OF EXCELLENCE has the most sophisticated Instruments for instrumental analysis like NMR, GC-MS, GC-HS, GC (with FID, ECD, NPD & FPD), HPLC (with UV & PDA), FTIR, ICP-OES, UV/VIS Spectrophotometer, Particle size Analyzer, HPTLC, DSC (Differential Scanning Calorimetry), TGA (Thermogravimetric Analyzer), IC (Ion Chromatography), Potentiometer, Dissolution Test Apparatus, Polarimeter

PILOT PLANT, SCALE UP AND KILO LAB FACILITY FOR CHEMICALS

Services - Used for process optimization, yield and material balance activities. Equipment's available - SS Reactors; Glass Lined Reactors; Hydrogenation Reactors with Multi service facilities; Centrifuge; Nutche and Drowning Vat along with utilities like Steam Boiler; Thermopac; Cooling Tower; Water & Brine Chilling Plant; Vacuum, Air Compressor & Scrubber System; D.G. Set; Centrifuge Pump. Examples of possible Chemical Reactions - Catalytic Hydrogenation, Nitration, Sulphonation, Acylation, Esterification, Condensation, Hydrolysis, Reduction, Sulponification, Formulation etc....









KNOWLEDGE RESOURCE CENTRE

- e-Library
- Conference Rooms, Seminar Hall, Board Room







Contact: 1st Phase, Nr. GIDC Water Filtration Plant, GIDC Vapi - 396 195

Ph.: 0260-2431597, +919714007068 Email: info@coevapi.com, Website: www.coevapi.com