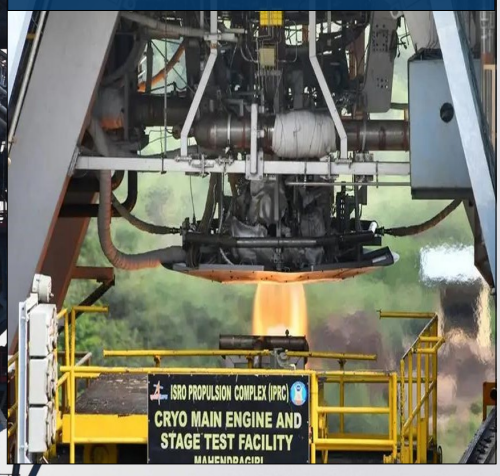
PROFUSION-2023

Together we can do...

Cryogenic Engine at Vehicle Assembly Building for vehicle integration

Cryogenic Engine Hot Test:Feb-2023



Launch of Chandrayaan-3 has been Scheduled by Indian Space Research Organisation (ISRO) on June-2023

GIDC DEGREE ENGINEERING COLLEGE

Joint Venture of Govt. of Gujarat & GIDC | Managed by GIDC Education Society, Gandhinagar
PPP Mode Institution | Approved by AICTE & Affiliated to Gujarat Technological University
Block No. 997, Village Abrama, Tal.: Jalalpore, Dist.: Navsari – 396406 (Gujarat, India)
· Phone : (02637) 229040 · E-mail : gidcengcol@gmail.com · Website : www.gdec.in

VAPI GREEEN ENVIRO LIMITED

Vapi Green Enviro Limited, a Non Equity- Non Profit entity, based on cooperative principles with corporate culture of management, was formed with an objective of providing a Comprehensive Environment Management Program (CEMP) for the estate.

VAPI GREEN ENVIRO LIMITED, Vapi

- **Common Effluent Treatment Plant** (Wastewater Treatment)
- **Common Solid Waste Site** (Landfill of HW)
- **Center of Excellence** (Analytical Laboratory & R & D Facility)
- **Head Office** (Administration, Account, Finance, HR)

COMMON EFFLUENT TREATMENT PLANT

The Common Effluent Treatment Plant (CETP) is spread over 72 acres of land and more than 500 industries of Vapi industrial estate are its members. CETP is designed to treat 55 MLD Effluent coming from its' member Industries. CETP of Vapi is one of the best performing CETP of India that treats complex cocktail type effluents coming from various industries like pesticides, dyes, dye intermediates, pharma, textile, paper and from other varied chemical industries.

CETP continues to be upgraded to improve its performance. The new investments are injected for better treatment and better efficiency. Recently MVR Evaporator for treating concentrated effluent and Solar Sludge Dryer for sludge drying are installed.

CETP VIEW

CMEE

SPRAY DRYER

COMMON SOLID WASTE DISPOSAL SITE

Common Solid Waste Disposal Site is Operated for safe disposal of the solid hazards wastes from the Industries. It is built taking into consideration all the norms and statutory requirements as per GPCB and CPCB guidelines.

- Total Capacity – 14,00,000 MT
- Expansion – 2,00,000 MT

CENTRE OF EXCELLENCE

SUPERIOR ANALYTICAL LABORATORY

A state of art laboratory with Modern Sophisticated Instruments ICP, GC-MS, Particle Size Analyzer, FTIR, GC, HPLC, HPTLC, DSC, TGA, IC, BOMB CALORIMETER, VISCOCITY and Others. Services provided - Materials Analysis; Problem Solving; Method Development & Validation;

- **NABL ISO/IEC 17025:2017 Accredited Laboratory**
- **FDA Approved Laboratory**
- **ISO-9001:2015 Certified Organization**

PROFUSION-2023
GIDC DEGREE ENGINEERING COLLEGE

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About Institute

GIDC Degree Engineering College (GDEC) Situated at village Abrama, Taluka: Jalalpore, District: Navsari established as a joint venture of Govt. of Gujarat and GIDC, Gandhinagar was established in 2012. The institute is managed by GIDC Education Society (GES), Gandhinagar with sole aim of providing quality education to the students of rural and tribal areas near by Navsari District in the field of Engineering and Technology.

The institute is a Public Private Partnership (PPP) mode institution approved by AICTE, New Delhi and affiliated to Gujarat Technological University, Ahmedabad and offering five undergraduate degree programs in Automobile, Civil, Computer, Electrical and Mechanical Engineering.

Here the students are offered unparalleled state of infrastructure, well-designed airy classrooms, seminar hall, latest-well equipped laboratories, extremely committed and dedicated faculties that employs innovative learning techniques to create a highly conductive environment. The campus is housed in a lush green environment providing an extremely peaceful and pollution-free location which is ideally conducive for academics and research. Many of our students demonstrated their academic capabilities and brilliance by securing rank at university level as well as placement in reputed industries.

Technical skills gained by the students are complimented by imbibing interpersonal skills and spirit of entrepreneurship that makes them competitive enough to face the global challenges and emerge as achievers.

MOUs have been signed with leading industries to promote entrepreneurship among students through industrial visits, internship, expert sessions that strengthen industry-institute-interaction. In addition to the academics, the students are engaged in co-curricular activities that help students to learn about themselves and develop and use their skills and knowledge in different contexts.

Vision

To be an ever-growing premier institution in the field of engineering education by molding the dedicated and competent engineers for the society.

Mission

- **To impart Engineering Education amongst the students with compatible means they need for their professional and ethical growth and success.**
- **To create an intellectual environment in line of professional skills development.**
- **To provide the support of efficient and transparent governance with socio-economic inclination.**

Courses Offered

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

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

Amenities @GDEC

Teaching and learning Facilities

The teaching-learning process is interactive and participatory. Students are encouraged to take active part in the process through classroom lectures, tutorials, discussions, assignments, library works, field works, projects and presentation by students

Library

The college library has a holding of over 10,060 books including text, reference and journals and perodicals. The college has 385 E – Books, 136 NPTEL Videos & 194 E journals to enhance the knowledge. The library is kept open from 9 am to 4 pm throughout the year on all working days.

Stationary

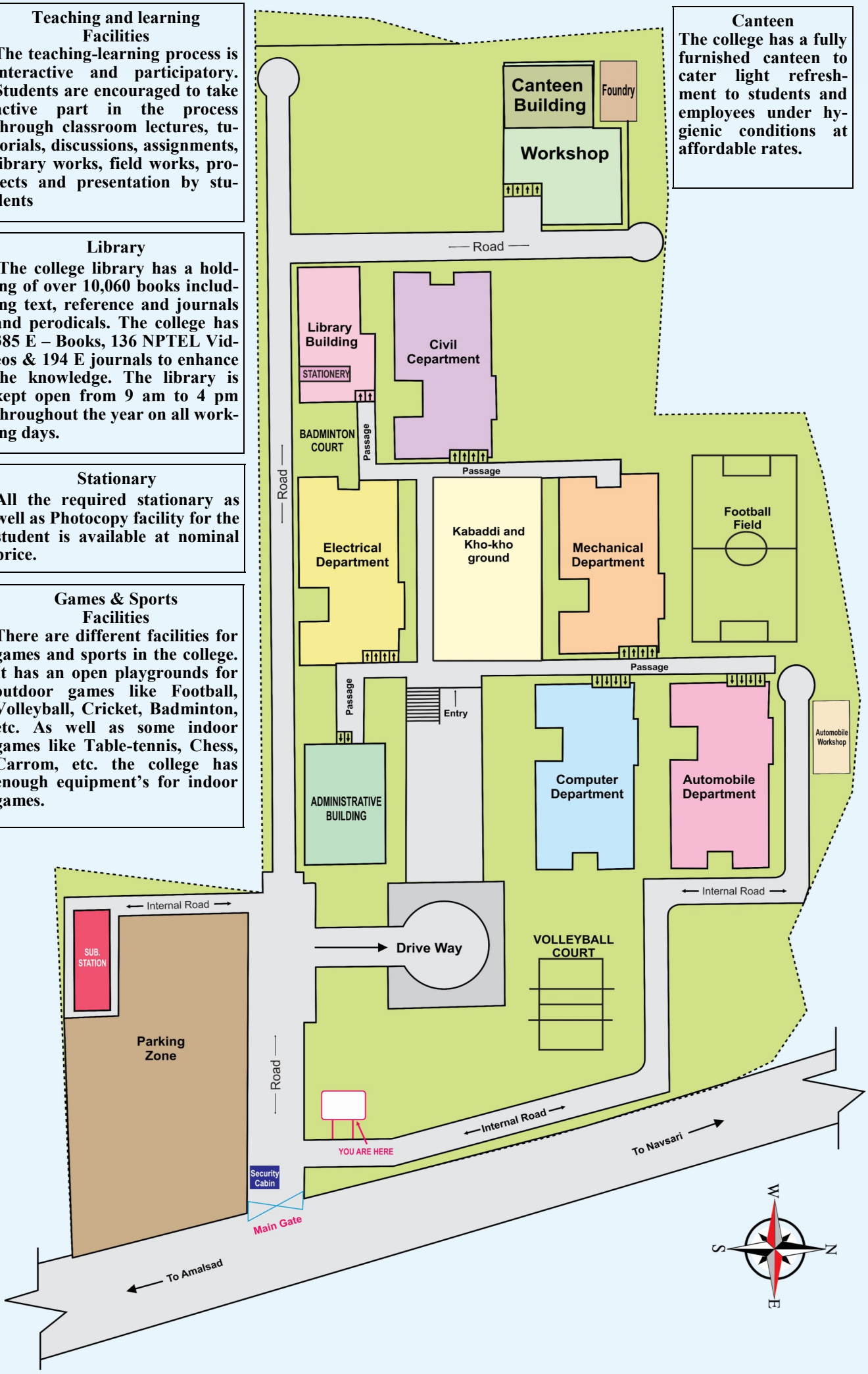
All the required stationary as well as Photocopy facility for the student is available at nominal price.

Games & Sports Facilities

There are different facilities for games and sports in the college. It has an open playgrounds for outdoor games like Football, Volleyball, Cricket, Badminton, etc. As well as some indoor games like Table-tennis, Chess, Carrom, etc. the college has enough equipment's for indoor games.

Canteen

The college has a fully furnished canteen to cater light refreshment to students and employees under hygienic conditions at affordable rates.



Board of Governors

Name of the Member	Designation in GES	Current Position/ Organization
Shri Dr. Rahul Gupta, IAS	Chairman	Hon. Vice Chairman Managing Director, GIDC Gandhinagar
Shri. B. C. Warli	Member Secretary	Director (Notified Area), Superintending Engineer (Project), GIDC Gandhinagar
Shri. A. C. Patel	Member	I/c Superintending Engineer, GIDC Surat
Dr. V. S. Purani	Member	Principal, Government Engineering College, Valsad
Smt. Harshaben H. Nayak	Member	Social Worker, Valsad Ex Chairperson, Gujarat Women Economic Development Corporation Ltd. (Govt. of Gujarat)
Shri. Sanjay I. Desai	Member	Ex. Syndicate Member, VNSGU Surat, Consulting Civil Engineer, Navsari
Shri Hiren R. Vepari	Member	Practicing Chartered Accountant, Surat
Ar. Shivarao R. Channapattan	Member	Architect, Ex-Associate Professor, VNSGU Surat

Chairman's Message

Dr.Rahul Gupta
IAS
Vice Chairman &
Managing Director,
GIDC Gandhinagar
&
Chairman
GIDC Education
Society

Gujarat Industrial Development Corporation (GIDC) has taken a significant initiative, by establishing the GIDC Education Society (GES) and incorporating itself into the field of education. GES is proud to be part of unique PPP (Public Private Partnership) model, to boost the growth of ventures of particular area. Under this PPP model, GIDC Degree Engineering College (GDEC), Abrama, Navsari was established in 2012 with five undergraduate degree programs in Automobile, Civil, Computer, Electrical and Mechanical Engineering.

I am glad to pen this message for the magazine 'PROFUSION' as an appreciation of the commendable efforts put forth by the editorial team. In present era, education means an accomplishment of knowledge and skills, building character and improving employability of our young talent, and developing future leaders.

GES has invested in state-of-the-art facilities, infrastructure and skilled human resources to supplement the culture and environment of good governance and to provide students and faculty an unparalleled learning experience. Moreover, it is our pledge update ourselves with the requirements of the industry and mould, develop & nurture talent that will make the nation proud.

I take this opportunity to emphasize that GDEC will surely contribute to the development of such professionals who will carry nation's pride to new heights. I invite all of you to new learning and be part of the society which is developed by collective efforts of highly skilled professionals named GIDC Degree Engineering College.

I wish success to all the students and faculties who are involved in bringing out this magazine and have an enriching career ahead.

Dr.Rahul Gupta
Vice Chairman & Managing Director
GIDC - Gandhinagar

Member Secretary 's Message

Shri B. C. Warli
(Notified Area),
Superintending
Engineer (Project),
GIDC Gandhinagar
&
Member Secretary
GIDC Education
Society

I would like to begin by congratulating all the stakeholders for their dedication and commitment. Through their hard work, they have ensured that GES's GIDC Degree Engineering College, Navsari continues to uphold the standards of academic rigor complemented by a diverse range of co-curricular and extra-curricular activities. Our students grabbed the grand finale of Smart India Hackathon-2022 held at Chennai and Greater Noida is a testament to this very fact.

The campus placements of our graduating students have been over whelming. This put immense responsibility on all of us to continue to excel and do better. The eco-friendly campus, equipped with state-of-art infrastructure, laboratories, workshops and full-fledged library facility provides a platform for holistic development of the students. We, at GDEC in a conducive learning environment at our serene campus, adhere to build globally competent technocrats who with intellectual and ethical excellences emerge out as leaders with a difference.

Let's join hands together to nurture socially responsible insightful champions who can contribute to transforming the society as well as in rebuilding the nation with the power of knowledge and fragrance of education. I am certain that your life at our campus will be academically fruitful and pleasant. My best wishes to you for all the success in your professional career.
I take this opportunity to compliment the editorial team in their endeavour in bringing out the magazine.

Shri B. C. Warli
Member Secretary
GIDC Education Society

Member's Message

Shri.A.C.Patel
I/C Superintending Engineer
GIDC Surat
&
Member
GIDC Education Society

Greetings to all the Readers of Profusion,

This annual magazine of GIDC Degree Engineering College (GDEC) is a reflection of all the dedication and hard work of Employees and Governing Body of institute. And it doubles my joy while I write as I am connected with both Gujarat Industrial Development Corporation (GIDC) and GDEC.

GDEC as an Institute has been quite distinct from the day-one. It strives to make Gujarat – the Land of Gandhiji the Global Education Hub through knowledge creation, augmentation and dissemination. For this purpose, GDEC dedicates its efforts towards developing synergy between industry and academic world.

I am highly delighted with the contribution institute has given for the Industry and academia linkage. This PPP model institute has served far better to fulfil the skilled manpower need of industries of district, state and even nation. I am also confident that in future it will set new benchmarks to serve the huge needs of National and Multi-national Industries.

Best Wishes to all the students and faculty members of GDEC.

Shri.A.C.Patel
Member
GIDC Education Society

Member's Message

Dr.V.S.Purani
Principal
Government
Engineering college
Valsad
&
Member
GIDC Education
Society

We are determined to provide quality education to our students through the most modern educational facilities to make them financially empowered though shaping them into self-confident citizens of a modern India. GDEC strives to inculcate discipline and character building along with serious pursuit of knowledge utilizing the most advanced teaching practices and high moral standards. Not only pursues academic excellence but also motivates and empowers the students to be lifelong learners, critical thinkers and productive members of an ever changing global society. We take immense pride in the fact that our students receive the best quality education. This is made possible by following high standards of teaching and learning.

From a modest beginning, GDEC has now grown into a fully integrated Technical institute. The guiding philosophy of the college, throughout, has been creation of knowledge, influencing technical as well as management practices and integrate globally to become a part of best technical solutions.

The institute is committed to creating an ambience for nurturing innovation, creativity and excellence in our students irrespective of caste, creed & gender at affordable cost. We strongly support interdisciplinary research and development for the benefit of Industry as well as Society.

I always advise my students to make best use of the opportunity available to them, confront the challenges, to aim high and contribute to the enrichment of academic environment today, and later to lead professions so that they effectively contribute to the improvement of society.

Dr.V.S.Purani
Member
GIDC Education Society

Member's Message

Smt.Harshaben H.Nayak
Social worker Valsad
Ex-Chairperson, Gujarat Women Economic Development Corporation Ltd. (Govt. of Gujarat)
&
Member
GIDC Education Society

This time it gives me special and proud feeling while sharing words for annual magazine "Profusion" as GIDC Degree Engineering College successfully completed a decade of its exceptional educational journey.

College is located in Coastal area having a conducive environment for the students to concentrate in their studies. College is having teams of dedicated faculty members in each department who are fully qualified sufficient enough for the overall growth of students.

Our institution has set specific objectives and planned activities for achieving excellence in all spheres of technical education, research and innovation. In modern times, nations having rich engineering and experienced management domains are flourishing economically and are providing better lives to their people. We have excellent potential to grow in diversified areas and excel in Engineering field, contributing in nation building.

I wish all the best from bottom of my heart to all the stakeholders to take the institute to new heights and grow multifold.

Smt.Harshaben H.Nayak
Member
GIDC Education Society

Member's Message

Shri.Sanjay I.Desai
Ex.Syndicate Member,
VNSGU,Surat
Consulting Civil Engineer,Navsari
&
Member
GIDC Education Society

As far as engineering colleges of Gujarat are concerned, we are passing through very crucial and strange situation nowadays. At one end our country and state are emerging as one of the fastest growing economy because of its initiative of" make in India "and "start-up"movements. This has resulted in establishment of many engineering industrial units and technological development in recent years. Whereas, on other hand our engineering colleges are finding it difficult to get full quota of students resulting in closure of many engineering colleges or particular branches. In this scenario we are proud to state that GIDC engineering College run by GIDC Education society has emerged as one of the best engineering college with excellent infrastructure and efficient faculty. Even We have the most reasonable fees for the students among all the private engineering colleges of Gujarat.All credit goes to GIDC administration. This shows society's concern for social responsibility at large. We are thankful to the GIDC Education society as well as parents for Supporting our efforts and encouraging us during last 10 years, and expecting the same support in future for making our institute one of the best engineering College in Gujarat.

With this feeling, I invite you to join the GIDC Degree Engineering College to share a life transforming experience along with the best of students from varied backgrounds in a multicultural environment.

Shri.Sanjay I.Desai
Member
GIDC Education Society

Member's Message

Shri.Hiren R.Vepari
Practicing Chartered Accountant,Surat
&
Member
GIDC Education Society

I am thankful to the society which has given me the opportunity to work for the noble task to guide the GIDC Degree Engineering College. We are in constant efforts to cover students from remote and distant areas and bring out their talents and ideas for mankind, societal and national development.

GIDC Degree Engineering College is committed to the vision of becoming canter of excellence in technical education and are in continuous efforts to achieve the same. We ensure that the GES take the campus to new heights of education, knowledge and resources; to be the most preferred choice of the students.

Our aim is to uplift the rural students in academic excellence particularly in the field of Science and Technology. GIDC Degree Engineering College depends on a strong management team, a supportive and dedicated teachers, hard-working support and operational staff, and, of course, a great group of students that make all our efforts supremely worthwhile.

We are thankful to the faculties, students and parents for appreciating and supporting our efforts in shaping the future generations of our nation.

Shri.Hiren R.Vepari
Member
GIDC Education Society

Member's Message

Ar.Shivarao R.Channapattan
Architect
Ex-Associate Professor,
VNSGU,Surat
&
Member
GIDC Education Society

First of all I would like to appreciate the Profusion Team for presenting wonderful memories of the last year in the form of magazine. The global technological scenario is changing faster than ever, and there is a great demand for technical professionals who can keep pace with the change. Keeping this in view, we are imparting high quality technical education in the fields of Engineering.

Over the years, GIDC Degree Engineering College has achieved excellence in providing state-of-the-art infrastructure, equipment, experienced and dedicated faculty with commendable background. Our institution facilitates innovative thinking by presenting students with an exclusive learning ambience to feel their growth as future technologists.

I feel pleased that all the students, guardians and faculties of this college are really vigilant. The effort of every educator should be to unlock the hidden talent in the soul of the students to Educate, Enlighten and Empower. I hope that our students will excel in every sphere of life and thereby making their parents, college and the Nation proud. I extend my good wishes to the college and hope that it might progress each and every day.

Ar.Shivarao R.Channapattan
Member
GIDC Education Society

Principal's Message

It gives me immense pleasure to pen a few words as prologue to our annual magazine ''PROFUSION'23", which is a curtain riser to all the stake holders concerned with the institution particularly students and staff.

The evolution of the institute over the one decade has witnessed strong blend of state-of-art infrastructure, laboratories, workshops, research, library facility, and intricately intertwined human resource committed to provide professional education with thrust on creativity and innovation. The motivating environment in GDEC for knowledge assimilation, generation and dissemination with a sense of social responsibility, human values and concern for environment has carved a place for itself among the best technical institutes.

The major challenge for today's engineering institutions is to accommodate the ever varying aspirations of the younger generation because of increasingly changing demand and development in industries. Our institute constantly put efforts to accommodate these aspirations by fine tuning the academics with innovative and practical oriented teaching - learning practices along with other technical activities.

This magazine provides the portrait of activities of various Departments, Clubs, Faculties and Students. As you scan through the pages, it will enlighten you with the important milestones that the institute has achieved this year. The institute has made remarkable progress in all the arenas such as curricular, co-curricular, extra-curricular and capacity building with relevance to staffs and students. Industrial visits, tours, training programmes, summer Internship and industrial consultancies has also been executed by various departments.

Dear students "A desire can change nothing; a decision can change something but a determination can change everything". Your commitment to become an engineer by devoting four-year academic journey in GDEC will be fruitful and enjoyable in every aspect and the experience you gain from here and the moments you spend here will be cherished by you throughout your life.

I congratulate all the contributors and the Editorial Board who have played a commendable role in accomplishing the task of releasing this magazine.

Prof. (Dr.) H. S. Patil
Professor MED and I/c Principal
GIDC Degree Engineering College, Abrama

Executive Editor's Message

It is a great honour to assume the role of Executive Editor for our more decent and grateful publication of College Magazine, "Profusion – 23". This magazine has traditions that keep it interesting and special, and these will continue. Among my favourite features is the opportunity to read in the magazine about a wide range of progress. GIDC Degree Engineering College is well known for its academic excellence and dedicated approach towards dissemination of knowledge in the academic world. The College appreciates the role of research in education and is committed to developing an inclination towards research in both faculty and students.

We publish our magazine once in a year. We are confident that this issue of Profusion-23 will send a positive gesticulation to the faculties, students and the persons who are interested in the field of educational and literary activities. The college has made remarkable progress in all areas like academic, non-academic and capacity building. The magazine reflects the Creative Quality of the Students Community at large and also institution's dedication towards built up of students career upliftment.

This magazine is the mirror, which reflects the clear picture of all sorts of curricular and co-curricular activities undertaken by the institution. It covers each and every movement of the Institute, like Student achievements, complete description of academic and co-curricular activities, as well as faculty achievements, etc.

I would like to express my gratitude to the Chairman of GIDC Education Society, Secretary, Members of GIDC Education Society and principal for the profound attention and continuous support and my dear profusion team who have played very sincere role in accomplishing the task in time boundary. At the same time I appreciate the hard work of all the departmental heads, teaching and non-teaching staff, library and administrative staff who have contributed to the success of this magazine.

Welcome to the newly released magazine, "PROFUSION-23". It is our sincere appeal to all readers to read and enjoy, and convey their suggestions to the Editorial Board so that any mistake committed in the magazine can be minimized and board is able to improve the quality of the magazine in future.

Thank you.

Dr. Shailesh S.Patel
Professor & Head
Applied Sciences & Humanities Department
GIDC Degree Engineering College, Abrama

PROFUSION-2023
GIDC DEGREE ENGINEERING COLLEGE

Profusion Team

Editor in Chief	Dr. H.S. Patil (Principal)
Executive Editor	Dr. S.S. Patel (Head, ASH Department)
Associate Editors	Dr. D.C. Patel (Head, Mechanical Department) Dr. R.J. Motiyani (Head, Electrical Department) Dr. B.G. Patel (Head, Civil Department)
Co- Editors	Prof. A.O. Jain (Automobile Department) Prof. D.A. Patel (Mechanical Department) Prof. K.D. Patel (Computer Department) Prof. D.T. Patel (Electrical Department) Prof. M.G. Wadia (Civil Department) Prof. A.N. Patel (ASH Department) Prof. I.V. Panchal (ASH Department)
Marketing & Finance Editors	Prof. V.K. Tilva (Civil Department) Dr. H.G. Vashi (ASH Department) Prof. D.R. Gayakwad (Electrical Department) Prof. B.H. Patel (Computer Department) Prof. R.J. Lad (Civil Department) Prof. A.A. Patel (Mechanical Department) Mr. R.R. Naik (Administrative Department) Mr. S.T. Patel (Administrative Department)
Designing Editors	Prof. A.M. Nayak (Head, Computer Department) Prof. T.V. Patel (Head, Automobile Department) Dr. M.K. Tailor (ASH Department) Prof. D.C. Patel (ASH Department) Prof. K.D. Tandel (Automobile Department)
Students Editors	Miss Riya M. Ahir (Computer Department) Miss Bhavna Bhadaria (Computer Department) Mr. Khalifa Yasinali (Mechanical Department)

Cover Photo Story

This year, also, we are focusing on our nation's technological innovations to give lime light on our cover page. The cover page depicts the ventures of the testing of Cryogenic Engine-20

CE-20 cryogenic engine's hot test successful:

The Indian Space Research Organisation (ISRO) has plans to study the mysterious far side of the Moon in conjunction with the Japanese Aerospace Exploration Agency (JAXA). ISRO and JAXA will launch a lunar rover and lander to probe the uncharted shadows of the Moon.

Ahead of this Chandrayaan-3 mission, ISRO successfully conducted the flight acceptance hot test (A hot test is an assessment of an engine's performance which replicates conditions that occur when it is running in a real vehicle. It evaluates all the parameters which are necessary to make sure the engine is running properly.) of the CE-20 cryogenic engine that will provide thrust to the Cryogenic Upper Stage (third and final) of the LVM3 launch vehicle used in the Chandrayaan-3 Mission. It has been designed and developed by the Liquid Propulsion Systems Centre (LPSC), a subsidiary of ISRO. It is the first Indian cryogenic engine to feature a gas-generated cycle. The hot test was conducted at an uprated thrust level of 21.8 tonne for the first time, which will enhance the payload capability up to 450 kg with additional propellant loading. In addition to the hot test, a 3D printed LOX and LH2 turbine exhaust casings were inducted in the engine for the first time.

The hot test was carried out for a planned duration of 25 seconds at the High Altitude Test Facility of the ISRO Propulsion Complex at Mahendragiri in Tamil Nadu on 24th February 2023. The cryogenic engine will now be combined with propellant tanks, stage structures and related fluid lines so as to produce the integrated flight cryogenic stage. The spacecraft will not remain in lunar orbit to study the Moon from above, as the Chandrayaan-3 orbiter continues to do. Instead, the spacecraft will be designed to land directly on the Moon's surface, carrying a rover that will explore and collect data from the lunar surface.

Cryogenic Engine Hot Test:Feb-2023

CE-20 is first indian cryogenic engine which was first tested on 28th april,2015 and after long run of different testing it will be used in chandrayaan 3. It contains 28 metric tons (62,000 lb) of propellant LOX and LH2, pressurized by helium stored in submerged bottles.It has also passed long run test to qualify for gaganyaan Program.

Cryogenic Engine at Vehicle Assembly Building

CE-20 is now in vehicle assembly building for the preparation of launch in july-2023.You can estimate the size of cryogenic engine by comparing it with human standing side by it in photograph.The cryogenic upper stage, designated C25, is 4 metres (13 ft) in diameter and 13.5 metres (44 ft) long.

LVM-3

Launch Vehicle Mark-3 which is previously known as GSLV.It will be used for chandrayaan-3 mission in july-2023 .The mission is scheduled to launch from Satish Dhawan Space Centre ,sriharikota LVM-3 successfully completed several mission including chandrayaan-2.

Automobile Engineering

SPECIAL POINTS OF INTEREST:

- OBD SCANNERS,
- WHEEL BALANCING MACHINE
- TYRE CHANGER & INFLATOR
- CAR AC SERVICING MACHINES
- BRAKE CUM CLUTCH BLEEDER
- SPARK PLUG CLEANER AND TESTER
- FUEL INJECTOR CLEANER AND TESTER
- BATTERY TESTER AND CHARGER
- TWO STAGE AIR COMPRESSOR
- MPFI ENGINE

Automobile Engineering Department of GDEC is with a rich experience in Engineering education for over a decade has established itself as one of the premier institutes in this region. We are constituent department of PPP Model Engineering Institute of "Gujarat Technological University". We have huge infrastructure with modern amenities, well equipped laboratories, and highly experienced faculty members. We are committed to provide quality education to students and are constantly working to strive for better results.

Our Labs with VCR Test Rig, Linear Reciprocating Tribo-meter, Wheel Balancing, Tyre Changer Inflator,etc. Students of our Department undergo Internship at various Automobile/Ancillary Industries. We also encourage students to excel in competitive examinations such as GATE, GPSC, GPSC, GRE, IELTS, etc. The Government of Gujarat initiative SSIP is useful for students interested in starting their Start Up Journey. Students have entrusted us to enlighten their pathway in their journey in field of Automobile.

-Toral V.Patel

Objective

To prepare our students for the technical proficiency to successfully apply the knowledge of Automobile Engineering to meet industry needs as well as to pursue higher studies. To develop effective communication skills, professional-ethical attitude, the leadership qualities, team work, commitment towards lifelong learning and the awareness towards socio economic responsibility and societal needs.

Vision

To mould the students into professional and competent Automobile Engineers, who shall meet the Industry demands.

Mission

To prepare the students for utilizing more creative thinking and innovation in field of Automobile.

Teaching Staff

Name:- Prof. Toral V.Patel

Designation:- Asst. Professor &Head

Qualification:-M.Tech.,Ph.D. (Pursuing)

Experience:- 15 Years

Name:- Prof.Ashish O.Jain

Designation:- Assistant Professor

Qualification:-M.E.Ph.D(Pursuing)

Experience:- 13 Years

Name:- Prof.Ankit K. Patel

Designation:- Assistant Professor

Qualification:- M.E., Ph.D(Pursuing)

Experience:- 12 Years

Name:- Prof.Sunil R.Khokhar

Designation:- Assistant Professor

Qualification:- M.Tech.

Experience:- 10 Years

Name:- Prof. Mayur J. Jalanapurkar

Designation:- Assistant Professor

Qualification:- M.E., Ph.D(Pursuing)

Experience:- 7.5 Years

Name:- Prof.Kenal D. Tandel

Designation:- Assistant Professor

Qualification:-M.Tech.,Ph.D.(Pursuing)

Experience:- 5 Years

Non-Teaching Staff

Name:- Manojkumar U. Patel

Designation:- Lab Assistant

Qualification:- Diploma (Mech.)

Experience:- 13 Years

Name:- Dixit R. Patel

Designation:- Lab Assistant

Qualification:- B.E (Mech.)

Experience:- 10 Years

Name:- Anilbhai J.Patel

Designation:- Lab Attendant

Qualification:- H.S.C.

Experience:- 9 Years

First Year Rankers

First
Deepanshu S. Dubey
CPI:- 8.62

Second
Sarthak J. Mali
CPI:- 6.92

Third
Jaimeen P. Dhimmar
CPI:- 6.69

Second Year Rankers

First
Hrushikesh G. Phadke
CPI:- 8.66

Second
Siddharth A. Sukhiyajiwala
CPI:- 7.87

Third
Karan M. Gandhi
CPI:- 7.71

Third Year Rankers

First
Ronak D. Patel
CPI:- 7.89

Second
Shani S. Prajapati
CPI:- 7.78

Third
Parth B. Panchal
CPI:- 7.24

Fourth Year Rankers

First
Shivam J. Patel
CPI:- 8.29

Second
Aasim A. Baktyan
CPI:- 8.12

Third
Bhumik M. Solanki
CPI:- 7.71

Automobile Engine Lab

With the aim to establish the total understanding of working/ studying the parameters/Analyzing the heart of an automobile, the engines. The laboratory is equipped with various test rigs (Diesel/petrol), exhaust gas analyzer, different types of dynamometer, cut section of entire four wheelers and various other modules to perform and study the core of engineering.

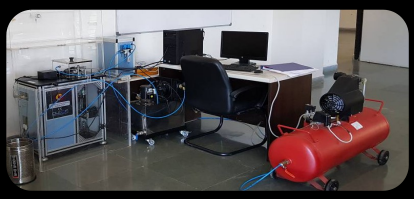
Automobile systems lab

Understanding of various automobile systems is a key to establish the understanding and develop the imagination and vision to analyze/ design/optimize automobiles for future. With the same mission, the automobile systems laboratory is well equipped with each and every mechanical components of automobile (Two and four wheelers).

Vehicle Maintenance and Garage Practice Lab

The aim of the department of Automobile Engineering is not only focused on educating students to analyze and design the machines but to teach how to repair/diagnose/replace various components and systems of an automobile. The laboratory consists of industry oriented repairing/diagnosing set ups such as injector cleaning machine, wheel balancing machine, wheel alignment assembly required pit and tools

Automobile Fuels & Tribology Lab



This lab facilitates for various tests such as viscosity measurement of different fluids, fire point & flash point, fuels caloric value etc. by following instruments. Bomb Calorimeter, Red wood Viscometer, Refrigerator, Gas Burner, Pensky martin apparatus, 4 stroke single cylinder Multi-fuel VCR engine with computer, Autocollimator, Linear Reciprocating Tribometer.

Automobile Controlled System Lab

The need of the hour o f the automobile engineering is to understand the electronics associated and better the electrical systems included in an automobile. The modern version of an automobile encompasses the various sensors, actuators, Electronic control unit, scanning vehicle with OBD-II tool, motors & alternators test rig and various electrical as well as computer based electronic systems.

Automobile Light Duty Vehicle Lab

This lab provides facilities for studying Light Duty Vehicles such as 2 & 3 wheelers as well as light duty 4 wheel vehicles. Lab includes Two wheeler Engine (Hero Honda) – Splendor, Electric bike two wheeler (New) (Yo Bike EXL), Two wheeler Moped (Honda Dio/ Maestro) New fascino, Cut section of two wheeler transmission (Honda Activa), Tata Nano Engine cut section & Three wheeler drive line and chassis (Atul Rickshaw).

Civil Engineering

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 considered 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 11 members in teaching staff and 3 members in non-teaching staff having specialization in various fields of Civil Eng. such as Structure Engineering., Transportation Engineering., Urban Planning, Water Resources Management and Geotechnical Engineering., serving their best for the welfare of the society through proper training of the civil students.

- Dr. Bhavin G. Patel

SPECIAL POINTS OF INTEREST:

- TRIAXIAL TEST APPARTUS
- CONSOLIDATION APPARTUS
- DIRECT SHEAR APPARTUS
- AUTOMATIC COMPECTION MACHINE
- SWELLING PRESSURE APPARTUS
- SOIL SPECIMEN EXTRACTOR
- TOTAL STATION
- DIGITAL THEODOLITE
- DUMPY LEVEL
- SURVEYOR COMPASS
- BRINELL CUM ROCKWELL HARDNESS TESTING MACHINE
- UNIVERSAL TESTING MACHINE
- AGGREGATE IMPACT TESTER
- LOS ANGELES ABRASION TESTING
- BENKELMAN BEAM
- DUCTILITY TESTING MACHINE.
- VEE BEE CONSISTOMETER
- CONCRETE MIXER.
- SURVEYORE CHAIN 20 M/30 M

Objectives

- Educating students with fundamental and technical knowledge to solve problems related to the field of civil engineering.
- Graduate shall have capability to apply scientific principles in the domain of structure, geo-tech, transportation and environment engineering.
- Graduate shall be able to use and apply modern software in the field of civil engineering.
- Graduate shall be able to understand and implement the concepts of innovative materials and green buildings.
- Inspiring Students to become ethically responsible technocrats.

Vision

Produce dedicated and employable Civil Engineers with professional ethics to contribute the community .

Mission

- To provide civil engineering education with possible appropriate resources.
- To develop and maintain highly equipped laboratories for productive teaching-learning mechanism.
- To provide platform to the students for the development of entrepreneurial ability.
- To inculcate professional ethics and eco-friendly solutions in the field of civil engineering.

Teaching Staff

Name:- Dr.Bhavin G.Patel
Designation:-Assoc.Professor & Head
Qualification:-M.E., Ph.D.
Experience:-18 years

Name:- Prof. Vikunj K. Tilva
Designation:-Assistant Professor
Qualification:- M.E.Ph.D.(Pursuing)
Experience:-12 years

Name:- Prof. Nilesh R. Parmar
Designation:-Assistant Professor
Qualification:-M.Tech.Ph.D.(Pursuing)
Experience:-14 years

Name:- Prof. Sunil V. Jaganiya
Designation:-Assistant Professor
Qualification:-M.Tech.Ph.D.(Pursuing)
Experience:-11 years

Name:- Prof. Pritesh R. Rathod
Designation:-Assistant Professor
Qualification:-M.Tech.Ph.D.(Pursuing)
Experience:-11 years

Name:- Prof. Rajan J. Lad
Designation:-Assistant Professor
Qualification:-M.E.Ph.D.(Pursuing)
Experience:-12 years

Name:- Prof. Krutika A. Chauhan
Designation:-Assistant Professor
Qualification:-M.E.
Experience:-7.5 years

Name:- Prof. Jaldip J. Patel
Designation:-Assistant Professor
Qualification:-M.Tech.
Experience:-7 years

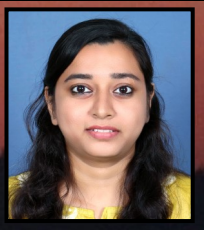
Name:- Prof. Hemina Z. Patel
Designation:-Assistant Professor
Qualification:-M.E.Ph.D.(Pursuing)
Experience:- 6 years

Name:- Prof. Abhishek A. Sapre
Designation:-Assistant Professor
Qualification:-M.E.
Experience:- 6 years

Name:- Prof. Mittal G. Wadia
Designation:-Assistant Professor
Qualification:-M. Tech
Experience:- 5 years

Non-Teaching Staff

Name:- Mrs. Anita P. Patel
Designation:-Lab Assistant
Qualification:-Diploma
Experience:- 9.5 years



Name:- Mrs. Foram D. Patel
Designation:-Lab Assistant
Qualification:-B.E.
Experience:- 5 years

Name:- Mr. Shailesh A. Patel
Designation:- Lab Attendant
Qualification:- S.S.C
Experience:- 10 years

First Year Rankers

First
Jeet A. Patel
CPI:- 6.41

Second
Alaykumar J. Patel
CPI:- 6.31

Third
Jaykumar D. Shukla
CPI:- 6.15

Second Year Rankers

First
Himanshu S. Benwal
CPI:- 8.35

Second
Sandhya H. Tandel
CPI:- 8.22

Third
Adityakumar M. Rathod
CPI:- 7.8

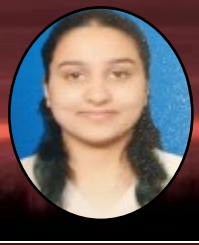
Third Year Rankers

First
Bhargav S. Gandhi
CPI:- 8.92

Second
Neel M. Raiyani
CPI:- 8.81

Third
Dhruvil P. Ribadiya
CPI:- 8.63

Fourth Year Rankers



First
Dinaz M. Bilimoria
CPI:- 9.33

Second
Pal A. Naik
CPI:- 8.72

Third
Ankit D. Rathod
CPI:- 8.35

Surveying Lab

Surveying is a branch of Civil Engineering to measure area, horizontal and vertical angle, slope, horizontal, vertical distance for new road, laying & building foundation, utilities etc. The laboratory is equipped with major equipment include Total Station with stand, Planimetre, Theodolite with stand, Dumpy level with stand etc. .

Material Testing Lab

The Material Testing/Concrete Technology Laboratory in the department of Civil Engineering at GIDC Degree Engineering College, Abrama is one of the best concrete technology laboratories currently existing in India. The laboratory serves a wide spectrum of activities covering those related to teaching, research, development and consultancy. The primary activities include experimental studies on different types of materials which are using in concrete and testing of concrete specimens in various exposure conditions. The Concrete technology Laboratory also offers technical services for testing and research on the structural behavior and properties of materials.

Geotechnical Engineering Lab

The Geotechnical Engineering Laboratory of Civil Engineering Department, GIDC Degree Engineering College, Navsari houses several instruments and apparatus used by Under Graduate students for their academic purposes. The facilities include testing of soil sample for particle size analysis, compaction, shear strength, consolidation, swelling, permeability, etc. The major instruments are equipped with digital read out unit.

Transportation Engineering Lab

In highway there are various types of materials and the materials have various properties so to determine these properties the test are required the commonly test for highway roads are following:

Test For Aggregate

1) Impact value test.
2) Shape test (Flakiness and Elongation Index).
3) Abrasion value test.
4) Specific gravity & Water absorption test.
5) Sieve Analysis (IS standard)

Test For Bitumen

1) Penetration test.
2) Softening point test.
3) Ductility test.
4) Marshall Stability test.
5) Centrifugal extractor.
6) Viscosity test.

Computer Engineering

SPECIAL POINTS OF INTEREST:

Establishment of "Centre of Excellence" (CoE) by Edunet Foundation under the MoU with GIDC Degree Engineering College costing Rs. 25 Lakhs. This Centre of Excellence is well-equipped with IT equipment to fulfil the modern industrial needs like AI, IoT, AIOT, Cloud Computing etc.

Edunet will provide linkages with local & regional industry and the local start-up ecosystem that will help learners with gainful employment and/or entrepreneurial opportunities.

Currently we are in the robustly evolving phase of digitization. In this phase the responsibility increases multifold being an IT- Technocrat and the same is the sentiment of the 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 the teaching field. Apart from 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. They are exposed to various opportunities such as implant training, internships, Industry visit and workshops during their course of study.

The department has been working towards placements of its students very diligently. With the visit of various companies, elite students of the department got placed last year. Furthermore, students have actively involved and managed social activities like tree plantation, women empowerment, various Unnat Bharat Abhiyan activities such as village visit, swachh bharat abhiyaan, blood donation camp etc. for the betterment of students and society.

With the most efficient staff, the Computer Engineering Department looks forward to approaching new and higher milestones in the upcoming era of digitally enriched India.

- Prof. Archana Nayak

Objective

- **To educate aspirants in Digital Technology along with co-curricular activities focusing on the overall growth of engineers.**
- **To prepare a professional who keeps balance in technological richness and social ethics.**
- **To enhance employability skills among students to meet infotech Industry expectations**

Vision

To build and deliver proficient Computer Engineers capable of contributing to the contemporary age of Information Technology.

Mission

- **To educate aspirants in Digital Technology along with co-curricular activities focusing on the overall growth of engineers.**
- **To prepare a professional who keeps balance in technological richness and social ethics.**
- **To enhance employability skills among students to meet infotech Industry expectations**

Teaching Staff

Name:- Prof. Archana M.Nayak
Designation:- Asst.Professor & Head
Qualification:- M.E., Ph.D.(Pursuing)
Experience:- 16 years

Name:- Prof. Kaushik S Patel
Designation:-Assistant Professor
Qualification:- M.E., Ph.D.(Pursuing)
Experience:- 11 years

Name:- Prof. Hetal Patel
Designation:-Assistant Professor
Qualification:- M.E.
Experience:- 16 years

Name:- Prof. Brijesh Patel
Designation:-Assistant Professor
Qualification:- M.E., Ph.D.(Pursuing)
Experience:- 10 years

Name:- Prof. Bhumika Patel
Designation:-Assistant Professor
Qualification:- M.E.
Experience:- 8 years

Name:- Prof. Pankti Naik
Designation:-Assistant Professor
Qualification:- M.Tech.
Experience:- 9 years

Name:- Prof. Mihir A Mishra
Designation:-Assistant Professor
Qualification:- M.Tech.
Experience:- 10 years

Name:- Prof. Kushal D. Patel
Designation:- Assistant Professor
Qualification:- M.Tech.
Experience:- 8 years

Non-Teaching Staff

Name:- Mr. Himanshu R. Patel
Designation:- Lab Assistant
Qualification:- B.E.
Experience:- 15 years

Name:- Mrs. Amruta S. Naik
Designation:- Lab Assistant
Qualification:- Diploma
Experience:- 8 years

Name:- Mr. Harish L. Patel
Designation:- Lab Attendant
Qualification:- S.S.C
Experience:- 8 years

First Year Rankers

First
Aaditya R. Chaurasia
CPI:- 9.51

Second
Daksh D. Patel
CPI:- 8.72

Third
Harsh N. Patel
CPI:- 8.59

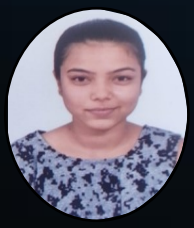
Second Year Rankers

First
Raju N. Purbia
CPI:- 9.43

Second
Govindsingh V. Rajpurohit
CPI:- 8.57

Third
Yashvardhan D. Patel
CPI:- 8.43

Third Year Rankers

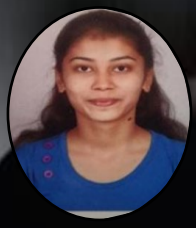


First
Dhvani P. Vachhni
CPI:- 9.26

Second
Darshan B. Soneji
CPI:- 9.1

Third
Ayyajbin A. Basaida
CPI:- 8.94

Fourth Year Rankers



First
Yashvi D. Naik
CPI:- 9.12

Second
Yash M. Mandaviya
CPI:- 8.69

Third
Jay V. Kadam
CPI:- 8.54

Computer Programing And Utilization

The lab is equipped with 60 computers (Intel Core i7 3.40 GHz processor) along with air conditioners which are supportive enough to the students in doing practical and other research work (also for faculties). These machines are installed with latest licensed software like Microsoft Office 2007, Turbo C etc. In addition, this lab equipped with printer, scanner and high speed internet connectivity.

Programming Lab

Lab is well equipped with 20 (HP Compaq Elite 8300) Desktop Computers (Intel Core i7 3.40 GHz processor) with licensed Operating System. The interactive experiments in this lab, can gives students an opportunity for learning and better understanding of the basic concepts and constructs of computer programming. These machines are installed with latest licensed software like Microsoft Office 2007, Turbo C etc.

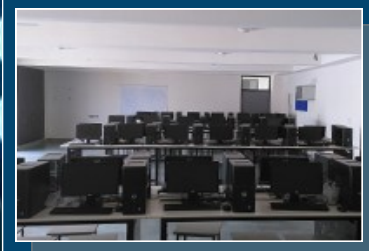
Operating System Lab

Lab is well equipped with 24 (HP Compaq Elite 8300) Desktop Computers (Intel Core i7 3.40 Ghz processor) with licensed Operating System. Students learn Operating Systems like Unix/Linux along with programming. The interactive experiments in this lab, can gives students an opportunity for learning and better understanding of the principles of computer operating systems using a progressive approach and problem-oriented learning.

Database & Software Designing Lab

Lab is well equipped with 24 (HP Compaq Elite 8300) Desktop Computers (Intel Core i7 3.40 Ghz processor) with licensed Operating System. Students learn Sequential Query Languages (SQL) along with database tools and Software tools. The lab is well equipped with DATABASE software like oracle10. The interactive experiments in this lab, can gives students an opportunity for learning and better understanding of manipulation of data in a database.

Language & Project Lab



Language Lab is well equipped with 20 (HP Compaq Elite 8300) Desktop Computers (Intel Core i7 3.40 Ghz processor) with licensed Operating System. Students learn languages like C, C++, Java etc. in the lab hours.

Project Lab is well equipped with 48 (Dell Vostro 3902 Series) Desktop Computers (Intel Core i7 3.40 Ghz processor) with licensed Operating System. Each student must complete a team-driven capstone project in which they design and prototype a product and software system.

Algorithm Lab

Algorithm Lab is well equipped with 24 (HP Compaq Elite 8300) Desktop Computers (Intel Core i7 3.40 GHz processor) with licensed Operating System. The interactive experiments in this lab, can gives students an opportunity for learning and better understanding of designing and analysis to solve the complex problem.

Electrical Engineering

It gives me immense pleasure to write this message for all my dear students of our Institute.

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.

Student must have qualities like "Not Giving Up" & "Strong Desire". He/she must have a continuous struggle; a constant fight within for applying with his/her honors nature, only then he/she can achieve victory & acquire the time knowledge.

The teacher must have full sympathy for students. Without real sympathy teacher can never teach well. The end of education should be man-making. The end & aim of training should be to make men to grow.

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.

-Dr.Rakesh J.Motiyani

SPECIAL POINTS OF INTEREST:

- 8086 MICROPROCESSOR KIT
- STEPPER MOTOR DRIVER
- 8051 MICROCONTROLLER KIT
- 3 SECTION RADIAL FEEDER PROTECTION
- MICOM P 220 NUMERICAL RELAY PANEL
- DISTANCE PROTECTION RELAY TEST SETUP
- NUMERICAL PROTECTION OF 3-PHASE GENERATOR
- DIFFERENTIAL PROTECTION OF TRANSFORMER
- D.C.SHUNT MOTOR
- A.C.SLIP RING INDUCTION MOTOR WITH PANEL
- SINGLE PHASE ENERGY METER TESTING KIT
- SYNCHRONOUS MOTOR
- 3 - Ø AC POWER CONTROL USING TRIAC

Objective

- Prepare students to apply learned principles in the domain of electrical machines, power system, power electronics, analog and digital electronics and measurements & instrumentation
- Prepare students to design and implement controller based domestic and industrial applications with the use of hardware and software
- Transform graduates into successful professionals who are able to pursue their career in the public or private sector
- Produce graduates capable to contribute society by providing solutions to the energy related engineering problems with ethical attitude
- Impart awareness among the graduates about energy conservation and use of renewable energy to address the current and future energy issues of the nation

Vision

Prepare competent and committed electrical engineers to contribute the society.

Mission

- To impart electrical engineering education with possible compatible tools and techniques .
- To establish and maintain highly equipped laboratories with latest facilities for capacity building of students .
- To prepare students for professional and intellectual competence .
- To instill discipline and morality in students for making them ethically responsible .
- To provide opportunities to the teachers for the quality improvement.

Teaching Staff

Name:- Dr.Rakesh J.Motiyani
Designation:- Assoc. Prof. & Head
Qualification:- M.E., Ph.D.
Experience:- 28 Years

Name:- Prof. Dhaval K. Patel
Designation:- Assistant Professor
Qualification:-M.E.,Ph.D.(Pursuing)
Experience:- 10 Years

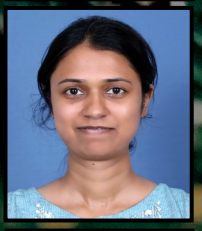
Name:- Prof. Ketan K. Lad
Designation:- Assistant Professor
Qualification:-M.E.,Ph.D.(Pursuing)
Experience:- 11 Years

Name:- Prof. Dhruvang R. Gayakwad
Designation:- Assistant Professor
Qualification:-M.Tech.,Ph.D.(Pursuing)
Experience:- 9 Years

Name:- Prof. Bhavesh S. Patel
Designation:- Assistant Professor
Qualification:-M.E.,Ph.D.(Pursuing)
Experience:- 11 Years

Name:- Prof. Rohit B. Damor
Designation:- Assistant Professor
Qualification:-M.Tech.,Ph.D.(Pursuing)
Experience:- 12 Years

Name:- Prof. Bhavin S Trivedi
Designation:- Assistant Professor
Qualification:-M.Tech.,Ph.D.(Pursuing)
Experience:- 8 Years



Name:- Prof. Khyati K. Naik
Designation:- Assistant Professor
Qualification:-M.Tech.
Experience:- 9 Years

Name:- Prof. Jay R. Desai
Designation:- Assistant Professor
Qualification:-M.E.,Ph.D.(Pursuing)
Experience:- 8 Years

Name:- Prof. Dharmishtha T. Patel
Designation:- Assistant Professor
Qualification:-M.E.
Experience:- 9 Years

Name:- Prof. Ankurkumar P. Desai
Designation:- Assistant Professor
Qualification:-M.Tech.,Ph.D.(Pursuing)
Experience:- 9 Years

Non-Teaching Staff

Name:- Mrs. Apeksha Desai
Designation:- Lab Assistant
Qualification:-Diploma(Elect &Mech)
Experience:- 11 Years

Name:- Mrs. Chetna J. Patel
Designation:- Lab Assistant
Qualification:- Diploma (EC)
Experience:- 11 Years

Name:- Mr. Kamlesh P. Sonwane
Designation:- Lab Assistant
Qualification:- B.Tech.
Experience:- 8 Years

Name:- Mr. Nikunj V. Chaudhri
Designation:- Lab Attendant
Qualification:- M.S.W.
Experience:- 10 Years

First Year Rankers

First
Hemal S. Tandel
CPI:- 8.64

Second
Montu F. Tandel
CPI:- 6.77

Third
Dhruv C. Patel
CPI:- 5.03

Second Year Rankers

First
Rinkal K. Patel
CPI:- 7.91

Second
Kushang P. Wadiwala
CPI:- 7.78

Third
Salik A. Shaikh
CPI:- 7.7

Third Year Rankers

First
Ujjaval H. Parmar
CPI:- 8.4

Second
Dhruv B. Mistry
CPI:- 8

Third
Mann M. Patel
CPI:- 7.6

Fourth Year Rankers

First
Harsh A. Rathod
CPI:- 8.35

Second
Krushang T. Tandel
CPI:-8.29

Third
Raviraj G. Parmar
CPI:- 8.24

Power Electronics lab

Power electronics laboratory is equipped with instrument which are useful for performing practicals. It contains different practical trainer kits to plot the V-I characteristic of Diac, Triac, UJT, MOSFET etc. It has also half bridge full control and half control trainer kit. For accurate analysis of different parameters , four channel and two channel Digital storage oscilloscopes are available. It also contains chopper fed SEDC drive panel and Controlled rectifier fed SEDC motor drive panel with desktop PC.

Microprocessor & controller Lab

Microprocessor & controller lab is well equipped for students to perform different experiments. Major equipments are 8051 microcontroller kits, 8-bit Parallel ADC/DAC Cards, I2C Card with RTC and EEPROM, SPI based IO Expander Card, Stepper Motor Driver Card with Stepper motor, Si-lab advanced 8051 kits, computers,

Electrical machine lab

This lab is equipped with various instruments like all types of AC and DC Motors and Generators, single phase and three phase transformers to perform experiments like different types of tests. The knowledge of these experiments is very useful for the students who

Power system protection lab

The lab is equipped with testing of fuse, Current transformer, Overvoltage relay, overcurrent relay, under voltage relay. To study the basic concept of electrical protection.

Simulation Lab

Lab is equipped with 13 computers(DELL 3.6 GHz 4 GB RAM 500 GB HDD, OS: Windows 8, Processor: Intel core i3-4160) and 8 computers(HP Compaq Elite 8300SFF, Processor: Intel core i7-3770, CPU:3.4 GHz, RAM:2 GB,500 GB HDD, OS: windows 7 professional). All computers are interconnected with LAN as well as they have high speed internet connectivity. All the machines are installed with licensed software like MATLAB. Students learn basic electrical simulation circuits. Many practical's are performed on other software like Psim, Multisim & keil which is helpful in their

Analog Electronics Lab

Analog electronics lab is well equipped with equipments and trainer kits for students to perform different equipments. Major equipments are Dual Output power supply, CRO, Function generator, 555 Timer Kit, Bread boards, Op-Amp Characteristic trainer, Op-Amp Application Trainer Kit, Digital Lab Trainer Board etc.

Mechanical Engineering

It's my pleasure and honor to welcome you to the Mechanical Department.
There will always be a need for traditional Mechanical Engineering in Capital goods/infrastructure, Oil & gas, Chemical, Pharmaceutical industries and many other segments. Apart from this, We're meeting the growing call for automation, Computer aided design and Manufacturing solutions in a recently challenging world.
The Mechanical Engineers of today are multidisciplinary, with knowledge from other branches of engineering. Here 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 a strong emphasis on practical education, and exposure to real-time scenarios through a 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 to participate in various technical competitions and industrial exhibitions.
Our students are being selected by reputed National and MNC companies through Campus placement. They are also granted projects under SSIP (Student Startup and Innovation Policy) by the Government of Gujarat. They are the winner of National level Hackathons. Many past students successfully started their new startup businesses. Department has also cultivated engineering skills in surrounding unemployed youth through various PMKVY programs.

-Dr.Dilip C.Patel

SPECIAL POINTS OF INTEREST:

- 4 AXIS CNC VMC MACHINE
- METALLURGICAL MICROSCOPE
- IMAGE ANALYZER SOFTWARE
- AUTOMATIC DOUBLE DISC POLISHING MACHINE
- VICKER HARDNESS TESTER
- ACCU PLUS PORTABLE HARDNESS TESTER
- SURFACE ROUGHNESS TESTER
- PELTON WHEEL TURBINE
- FRANCIS TURBINE
- CENTRIFUGAL PUMP
- LATH MACHINES
- MILLING MACHINE
- SHAPER MACHINE
- SURFACE GRINDER MACHINE
- PILLAR DRILLS
- TOOL DYNAMOMETERS WITH COMPUTER INTERFACE

Objective

- To apply the concepts of design, thermal engineering, material science and engineering, computer-aided engineering, and manufacturing technologies for the design, development, analysis and maintenance of mechanical systems and processes.
- To develop an ability to conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
- To inculcate in students professional and ethical attitudes, effective communication skills, teamwork skills, multidisciplinary approach, written ethical codes & guidelines and an ability to relate engineering issues to broader social context.
- To prepare competent engineers suitable for the mechanical engineering-based industry, research and higher education.
- To provide a platform to the students to attain quality education in Mechanical Engineering

Vision

To inculcate technical knowledge with ethical values in students that transpire them to become a globally competent mechanical engineer for pursuing a professional career.

Mission

- Empower students with technical and practical skills by competent faculties with facilities.
- To provide conductive and creative learning environment to students and staff that transpires them into a technocrat and globally acceptable citizen.
- To provide continuous knowledge and tools required to solve real world problems.
- To form linkage between industry and student for growth of industries and illustrious career of student.

Teaching Staff

Name:- Dr.Hiralal S.Patil

Designation:-Prof. & I/C Principal

Qualification:- M. E., Ph.D.

Experience:- 25 years

Name:- Dr.Dilip C.Patel

Designation:- Assoc.Prof and HOD

Qualification:- M. E., Ph.D.

Experience:- 21 years

Name:- Prof. Daksh R. Tandel

Designation:- Assistant Professor

Qualification:- M. E., Ph.D. (Pursuing)

Experience:- 11 years

Name:- Prof. Hariketan B Patel

Designation:- Assistant Professor

Qualification:- M. E., Ph.D. (Pursuing)

Experience:- 13 years

Name:- Prof. Bharat H. Gajera

Designation:- Assistant Professor

Qualification:- M. E., Ph.D. (Pursuing)

Experience:- 5 years

Name:- Prof. Hitesh C. Rana

Designation:- Assistant Professor

Qualification:- M. E., Ph.D. (Pursuing)

Experience:- 6 years

Name:- Prof. Dharmik A. Patel

Designation:- Assistant Professor

Qualification:- M. E., Ph.D. (Pursuing)

Experience:- 6 years

Name:- Prof. Akash A. Patel

Designation:- Assistant Professor

Qualification:- M. E.

Experience:- 10 years

Name:- Prof. Krunal A. Hathiwala

Designation:- Assistant Professor

Qualification:- M. E., Ph.D. (Pursuing)

Experience:- 7 years

Name:- Prof. Dhaval S. Chaudhari

Designation:- Assistant Professor

Qualification:-M.Tech., Ph.D. (Pursuing)

Experience:- 9 years

Name:- Prof. Mitesh H. Patel

Designation:- Assistant Professor

Qualification:- M. E.

Experience:- 6 years

Name:- Prof. Arjun M. Patel

Designation:- Assistant Professor

Qualification:- M. E.

Experience:- 11 years

Non-Teaching Staff

Name:- Mr. Hitesh N Patel
Designation:- Lab Assistant
Qualification:- B. E.
Experience:- 12 years

Name:- Mr. Brijesh V Patel
Designation:- Lab Assistant
Qualification:- Diploma
Experience:- 8 years

Name:- Mr. Divyesh C Patel
Designation:- Workshop Technician
Qualification:- ITI
Experience:- 16 years

Name:- Mr. Bhavesh N Tandel
Designation:- Welder Instructor
Qualification:- ITI
Experience:- 10 years

Name:- Mr. Kiran C Naika
Designation:- Fitter Instructor
Qualification:- ITI
Experience:- 10 years

Name:- Mr. Ismail I Saiyad
Designation:- Carpenter Instructor
Qualification:- ITI
Experience:- 10 years

Name:- Mr. Bhavin Patel
Designation:- Lab Attendant
Qualification:- Diploma
Experience:- 12 years

First Year Rankers

First
Jignal H. Patel
CPI:- 7.85

Second
Varun A. Patel
CPI:- 7.31

Third
Jenish J. Ahir
CPI:- 7.21

Second Year Rankers

First
Gaurav Tandel
CPI:- 8.49

Second
Tapan S. Parsi
CPI:- 8.13

Third
Chahat N. Patel
CPI:- 8.04

Third Year Rankers

First
Shreeket G. Dhage
CPI:- 7.70

Second
Manish S. Negi
CPI:- 7.66

Third
Ishan S. Chalke
CPI:- 7.64

Fourth Year Rankers

First
Saurabh S. Pathak
CPI:- 8.60

Second
Sunny A. Bhonsle
CPI:- 8.52

Third
Jignesh M. Patil
CPI:- 8.45

Basic Mechanical Engineering Lab

Lab is well equipped with following cut section models and charts. Boilers - Cochran, Lancashire, Babcock & Wilcox, locomotive. Boiler Mountings-lever safety valve, Spring Loaded & Dead weight Safety Valve, Combine High steam & Low Safety Valve, Stop Valve, Feed Check Valve, Fusible plug. Boiler Accessories-Steam Injector, Economizers, Super heater. Types of Coupling, Clutches. Reciprocating and Centrifugal pump. Engines -2 & 4 stroke Petrol/Diesel, Turbines- Gas and Steam.

Machines & Mechanisms Lab

The lab is well-equipped and enables students to understand the functional characteristics various machines and mechanisms, demonstrate the ability to synthesize and analyse mechanisms. Objectives of this lab are to impart practical knowledge on kinematic analysis of mechanisms for the specified type of motion in a machine. The lab is set up equipment like - Corriolis Component of acceleration, Cam analysis, Gear train apparatus, Slip & creep measurement apparatus, Motorised gyroscope apparatus. The cut section models includes- Brake Dynamometer, types of belt Pulleys, Kinematic pairs, types of Bearings, Knuckle Joint, Cotter Joint , Gear box with clutch

Fluid Mechanics Lab

This lab enables students to understand basic concept of fluid mechanics, statics, dynamics and various approaches to fluid mechanics, fundamentals of flow through pipes and Correlate fundamentals of fluid mechanics with various mechanical systems. The lab is equipped with different set-ups such as Bernoulli's theorem, orifice & mouthpiece, notch and weirs apparatus, venturimeter, rotameter & orificemeter apparatus, energy losses in pipe, pitot tube, free & forced vortices, metacentric height of ship model.

Measurement & Metrology Lab

This lab provides a means of assessing the suitability of measuring instruments, their calibration, and the quality control of manufactured products. This lab includes measuring Instruments-Micrometres, Verinier, Dial Gauge, Height Gauge, Telescopic Gauge, Bevel Protector, Plug Gauges, Gear Tooth Caliper, Sine Bar, Thread Plug Gauge, Radius Gauge, Screw Pitch Gauge and Slip Gauges, Dead Weight Tester, Thermocouple with Digital Multimeter, Surface Roughness Tester with computer interface.

Material & Metallurgy Lab

This lab used to study the structure-properties relationships of various materials for their proper applications. Especially study of different types of ferrous and non-ferrous metals and alloys, in terms of their composition, structure, properties and applications, to understand the concept of hardenability and its relevance to heat treatment process. The lab is well-equipped with Metallurgical microscope with image analyser software, Double disc polishing machine, Belt grinder, Jomny end quench hardenability test apparatus, Vickers hardness testers.

Hydraulic Machine Lab

The lab is well-equipped and enables students to learn the benefits and limitations of fluid power compared with other power transmission technologies, to understand the operation and use of different hydraulic machines like hydraulic crane, fluid coupling and fluid torque convertor etc. The lab is used to predict the performance of fluid power components like turbines, pumps. The lab includes the experimental set-up like-Impact of Jet on Vanes, Pelton Wheel & Francis Turbine Test Rig, Centrifugal , Reciprocating & Gear Pump Test Rig with swinging field dynamometer, Two-Stage Air Compressor Test Rig and Tilting Flume Apparatus.

Heat Transfer Lab

This lab helps the students to understand the modes of heat transfer through conduction, convection and radiation practically. These experiments also pave way for inculcating certain innovative skills in the students making them to use the above experimental setups as starting point to take up higher level experimental studies in Heat Transfer. The laboratory is equipped with a number of experimental setups like -Heat Transfer through Composite Wall , Thermal Conductivity of Insulating Powder , Unsteady State Heat Transfer , Heat Transfer through Pin Fin ,Heat Transfer in Forced Convection ,Emissivity Measurement ,Shell and Tube Heat Exchanger,Pool Boiling (Critical Heat Flux)

CAD LAB

The objective of lab is to understand and handle design problems in a systematic manner and to gain practical experience in handling 2D drafting and 3D modelling and Analysis software systems. It is to be used to apply CAD in real life applications. Lab is well equipped with 24 Dell Vostro Desktop Computers (Intel Core i7 processor) with 1 server. The lab has licensed Operating System and solidworks software.

Applied Sciences and Humanities Department

I feel ecstatic to introduce you to the Department of Applied Sciences and Humanities (ASH), which is the backbone of all disciplines in Engineering and Technology.

ASH Department contributes to the core of engineering and serves as a source of knowledge by laying a strong foundation of basic principles of various disciplines such as Mathematics, Physics, Communication Skills and Management in the mind of engineering students, so that they proceed to rest of their years of study with up to date knowledge and training of basic engineering skills. Hence it is needless to say that ASH Department is considered as the core department among all the other departments.

The ASH department is offering 9 different courses in odd semesters, 9 different courses in even semester for all U.G students of B.E. Our focus is to produce engineers equipped with Modern Mathematical application techniques in Real-World and Engineering Problems, to impart the basic concepts of Physics which are very much essential for understanding the Engineering subjects, to develop presenting concepts and engineering design process with communication skills, to inculcate social values and professional ethics in our students to face the current as well as future global standards.

The Department has always been on a high growth path and has experienced, well qualified and dedicated faculties with strong commitments for educational responsibilities, who work with zeal and enthusiasm to provide a vibrant and optimum learning environment.

-Dr.Shailesh S.Patel

Vision

To provide strong foundation to the student through fundamental knowledge by dynamically integrated the components of Sciences, Humanities and Management.

Mission

- To inspire students for conceptual Knowledge of core subjects and enhance mental, physical and independent problem solving skills to become best in their professional field.
- To enhance student's real life engineering problem solving ability.

Objectives

- To deliver knowledge and make the students capable of formulating and examining mathematical models in real-life applications. Collect, organize, represent, analyze, interpret data and make conclusions and predictions from its results. Apply mathematical knowledge and skills to familiar and unfamiliar situations.
- To cater the bests to the students by ensuring quality education with interactive as well as effective classroom participation, excellent interpersonal skills & offering platform to explore the innovative solution for socially responsible & successful person.
- The Fundamental physics is to prepare students for careers in engineering where physics principles can be applied to the advancement of technology. This education at the intersection of engineering and physics will enable students to seek employment in engineering upon graduation while, at the same time, provide a firm foundation for the pursuit of graduate studies in engineering.

SPECIAL POINTS OF INTEREST:

- Tutorials designed to focus on real life engineering problems
- Laboratory facilities to create innovative projects in physics.
- Language laboratory to enhance students English proficiency
- Regular personality development programmes to ensure that students take an active part in activities such as group discussions, case study presentations, mock interviews, role play exercises etc.

Teaching Staff

Name:- Dr. Shailesh S.Patel
Designation:-Professor & Head
Qualification:-M.Sc. , Ph.D.
Experience:- 28 years

Name:- Dr. Harshal G.Vashi
Designation:-Assistant Professor
Qualification:-B.E, M.B.A, Ph.D.
Experience:- 11 years

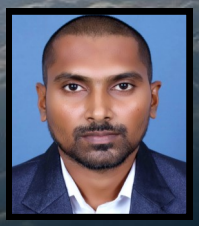
Name:- Dr.Megha K.Tailor
Designation:- Assistant Professor
Qualification:- M.Sc. , Ph.D.
Experience:- 10 years

Name:- Prof.Ishita V.Panchal
Designation:- Assistant Professor
Qualification:-M.Sc., Ph.D.(Pursuing)
Experience:- 10 years

Name:- Prof.Divya C.Patel
Designation:- Assistant Professor
Qualification:-M.Sc., Ph.D.(Pursuing)
Experience:- 3 years

Name:- Prof.Aakash N.Patel
Designation:- Assistant Professor
Qualification:-M.Sc., Ph.D.(Pursuing)
Experience:- 5 Year

Non-Teaching Staff



Name:- Mr.Bhavin R.Patel
Designation:- Lab Attendant
Qualification:- 12th pass
Experience:- 10 year

Central Library

Library is the heart of the institute. The library has adopted the Open Access System where in users can browse through the collection directly from the shelves as a result of which they are aware of the library collection. GDEC Central Library aims to serve the needs of faculty, students and other members of the library. The library provides a comprehensive collection of literature predominantly related to engineering and its allied subjects to meet the present and future information needs of its users.

National, International Journals and Magazine are being subscribed in our library. And also we have an online journal. E-Book also available in library. The well- furnished library and is spread one floor, with a seating capacity for more than 120 students. Library building is under CCTV Surveillance.

Complete catalogue of the library holdings has been created by using Soul 2.0, Integrated Library Management Software. Online Public Access Catalogue (OPAC) is provided to the users.

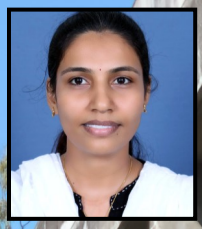
Journals & Periodicals	International Journal	1	32
	National Journal/ Magazine	31	
No. of Books	Titles: 2578 Volumes:9748		
E Journals	DELNET		
Newspaper	5		
Total number of CD/DVD	578		
Software	SOUL 2.0 software connected with INFLIBNET, Ahmedabad.		

Administrative Office Message

Any department's foundation is built on open communication and a stress-free workplace. Successful administration appears to rest on three basic skills, which we will call technical, human, and conceptual. Administration is a bridge between management and all the stakeholders of the college.

The college administrative department facilitates admissions and communicates admission criteria with new students, all the other day to day matters, affiliation with university, extension of approval from AICTE, recruitment of qualified & efficient staff, maintenance and enhancement of manpower and management of all accounting matters.

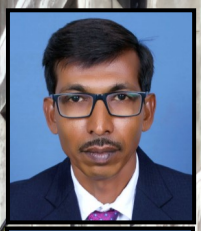
Library Staff



Name:- Mrs. Priyanka S. Kher
Designation:-B.Lib, M.Lib.
Qualification:- I/C librarian
Experience:- 14 years

Name:- Mrs. Hemlata P. Ahir
Designation:-Lab Attendant
Qualification:- M. Lib.
Experience:- 8 years

Administrative Staff



Name:- Mr. Sanjay T. Patel
Designation:-Accounts Officer
Qualification:-M.Com., L.L.B.
Experience:-11 years

Name:- Mr.Ritesh R. Naik
Designation:-Office Superintendent
Qualification:-B.B.A.
Experience:-11 years

Name:- Mr. Nirav N. Desai
Designation:-Store Keeper
Qualification:-B.Com.
Experience:-10 years

Name:- Mr. Manish S. Patel
Designation:-Clerk
Qualification:-B.Com., L.L.B.
Experience:-09 years

Name:- Mr. Parimal R. Patel
Designation:-Electrician
Qualification:-ITI
Experience:-10 Years

Name:- Mr. Gautam A. Deshmukh
Designation:- Lab Attendant
Qualification:-B.Com.
Experience:- 10 years

Name:- Mr. Sunil N. Patel
Designation:-Lab Attendant
Qualification:- B.A., M.A.
Experience:- 10 years

Name:- Mrs. Preeti P. Patel
Designation:- Lab Attendant
Qualification:- H.S.C
Experience:- 10 years

Name:- Ms. Jigna J. Desai
Designation:-Apprentice
Qualification:-B.Com.
Experience:- 20 years

Training and Placement

I welcome you to one of the most crucial hubs of GIDC Degree Engineering College - 'THE PLACEMENT CELL'. We have a dedicated placement team to cater the placement-related activities. Being a front runner in the field of Engineering education have an excellent track record of placements and the students who graduated from our institute are today serving with good companies.

We aim to place the maximum number of students through the campus & off-campus interviews conducted by the companies. We assist the students in carrier planning and employment strategies and indulge the students to face competitive examinations as well as interviews through training programs via, aptitude tests, group discussions, mock interviews etc. We motivate the students to develop technical knowledge & soft skills in terms of goal setting and also aspire for higher studies in the direction to take competitive exams such as CAT, GATE, IES, GRE, UPSE, GME etc. We prepare the students to meet the industries' recruitment process and invites reputed companies to the college for organizing campus placement session.

I welcome all Engineering aspirants to be a part of the continued successful journey of placements at GIDC Degree Engineering College, Navsari.

Dr. D. C. Patel
Training & Placement Head,
GIDC Degree Engineering college, Navsari.
Email : tnp@gdec.in

Objective of Training and Placement Cell

- 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.

Training & Placement Team

Training & Placement Officer	Dr. D. C. Patel	
Department Training & Placement Coordinators	Civil	Prof. Sunil Jaganiya
	Mechanical	Prof. Hitesh Rana, Prof. Mitesh Patel
	Electrical	Prof. Dhruvang Gayakwad
	Computer	Prof. Brijesh Patel, Prof. Kushal Patel
	Automobile	Prof. Sunil Khokhar

With The Joint Effort From Department HOD's, Staff Members And T&P Cell Following Students Were Successfully Placed.

Placement Record

Sr. No.	Student Name	Department	Company Name
1	Kewat Siddhart	Civil	Meero Consultant
2	Patel Nainesh Narendrabhai	Civil	H.M Construction
3	Patel Jill Mukeshbhai	Civil	H.M Construction
4	Lad Mitesh Bhupendrabhai	Civil	H.M Construction
5	lad Hetvi Hitendrabhai	Civil	M.P Consulting Engineer
6	Sana Mohammadarifmoosa	Computer	1 Rivet
7	Prajapati Bhavik	Computer	1 Rivet
8	Shivshankar Shukla	Computer	Astound
9	Twinkle Rana	Computer	Goldenmaceit Solutions
10	Lubna Shaikh	Computer	Goldenmaceit Solutions
11	Hritik Pandey	Computer	Goldenmaceit Solutions
12	Shivkant Shukla	Computer	Goldenmaceit Solutions
13	Nidhi Rudani	Computer	Goldenmaceit Solutions
14	Harsh Dudhat	Computer	Goldenmaceit Solutions
15	Meet Kahar	Computer	Goldenmaceit Solutions
16	Devyani Solanki	Computer	Goldenmaceit Solutions

Sr. No.	Student Name	Department	Company Name
17	Vaksha Tandel	Computer	Goldenmaceit Solutions
18	Hardik Patel	Computer	Goldenmaceit Solutions
19	Dwanil Tailor	Computer	Goldenmaceit Solutions
20	Priyanshu Tandel	Computer	Goldenmaceit Solutions
21	Patil Manish	Computer	Goldenmaceit Solutions
22	Bhaskar Nisad	Computer	Goldenmaceit Solutions
23	Harshit Rajput	Computer	Goldenmaceit Solutions
24	Kushal Potdar	Computer	Xcellence-IT
25	Adarsh Dubey	Computer	Xcellence-IT
26	Drashti Patel	Computer	Xcellence-IT
27	Yogesh Bagul	Computer	Xcellence-IT
28	Prajapati Sailesh	Computer	Xcellence-IT
29	Harshil Patel	Computer	Xcellence-IT
30	Jigish contractor	Computer	1 Rivet
31	Hetvibharatkumar Patel	Computer	1 Rivet
32	Ruchi Kansara	Computer	1 Rivet
33	Khalifa Safvan Yasinali	Computer	Lanet
34	Nishtha Thakor	Computer	Lanet
35	Aayush Tandel	Computer	Weapplinse technology
36	Jay Kadam	Computer	Testgrid
37	Yashkumar Pravinbhai Patel	Computer	Testgrid
38	Samyak Soni	Computer	Testgrid
39	Shivshankar Shukla	Computer	Casepoint Surat
40	Viny Sejalkumar shah	Computer	Casepoint Surat
41	Krupesh Patel	Computer	Casepoint Surat
42	Sani Anilbhai Patel	Computer	Casepoint Surat
43	Riddhi Dilipkumar Patel	Computer	Casepoint Surat
44	Yashvi Devendrakumar Naik	Computer	Casepoint Surat
45	Rana Rinkal Anilkumar	Electrical	Sanket Power System
46	Patel Mukund Manharbhai	Electrical	Sanket Power System
47	Patel Dhaval Umeshbhai	Electrical	Sanket Power System
48	Bhoga Venkstesh Shriharibha	Electrical	Sanket Power System
49	Desai Dhairya Jiten	Electrical	Sanket Power System
50	Dhimmar Hardik Vinodbhai	Electrical	Sanket Power System
51	Patel Meet Mukeshbhai	Electrical	Sanket Power System
52	Patel Riya Umeshbhai	Electrical	Sanket Power System
53	Patel Panthi Bharatbhai	Electrical	Sanket Power System
54	Patel Jigar Maheshbhai	Electrical	Narayanlala Pvt. Ltd.
55	Dishant Umeshkumar Patel	Electrical	Hilti India Pvt. Ltd.
56	Vishal Patil	Electrical	Ssm Infotech Surat
57	Harsh Rathod	Electrical	Torrent Power Pvt. Ltd.
58	Divyang I. Patel	Mechanical	Ai Airport Service Limited
59	Darshit Mistry	Mechanical	Hilti India Pvt. Ltd.
60	Jignesh M Patil	Mechanical	Hilti India Pvt. Ltd.
61	Sagar Vinodbhaigambhva	Mechanical	Sahajanand Medical Technologies
62	Jay Bharatbhai Patel	Mechanical	Acey Engineering Pvt Ltd
63	Priyank J Patel	Mechanical	Tucson Hydrocontrolspvt. Ltd.
64	Harsh G Bhanushali	Mechanical	Tucson Hydrocontrolspvt. Ltd.
65	Sagar S Patel	Mechanical	Tucson Hydrocontrolspvt. Ltd.
66	Saurabh S Pathak	Mechanical	Tucson Hydrocontrolspvt. Ltd.
67	Abhishek M Patel	Mechanical	Tucson Hydrocontrolspvt. Ltd.
68	Vandan M Patel	Mechanical	Tucson Hydrocontrolspvt. Ltd.

Job Fair 2022

JOB FAIR – 2022 Organized By Training And Placement Cell, GIDC Degree Engineering College(GDEC), Abrama ,Navsari At College Campus On 22 August 2022.

Employment Is The Main Focus For Any Country/Society/College, Particularly Engineering College. Because Just To Give The Best Education Or Training To The Students Is Not Enough. The System Has Toprovide Platform To The Students To Implement &Amp; Explore Their Skill In Professional Field.

About 500+ Students And Jobseeker Of Around 22+ Colleges Of South Gujarat Region Including mechanical, Electrical And Chemical Engineering Of B.E. And B.Tech. Course has registered in this JOB FAIR. The main aim of this JOB FAIR 2022 was to provide candidate opportunities to place themselves at various companies at college campus itself.

Around 18 companies of various background of Engineering like Sterlite Power Transmission, H. L. Engineers, Goldi Solar Pvt. Ltd., Sahajanand Medical Technologies, Tucson Hydrocontrols Pvt. Ltd., Sona Extrusion Pvt. Ltd., International Service Partners LLC, Couch Perry & Wilkes India Pvt. Ltd, Naran Lala Pvt. Ltd., Wellknown Polyesters Ltd, Orange O Tec Pvt. Ltd., Acey Engineering Pvt. Ltd., REM Electromach Pvt. Ltd., Soilcart Agriwheels Pvt. Ltd., Khodiyar Infotech, R M Automation, Hema Automation and Memighty have participated to recruit registered candidate in the JOB FAIR. T&P Cell has invited various companies and did ideal planning for the JOB FAIR 2022.

Before organizing the JOB FAIR companies are contacted regarding their requirement based on which students are trained such that they can appear in JOB FAIR interview process. During JOB FAIR candidate were selected for final round of interview after primary test (written test).

About 250+ students have appeared in the first round of JOB FAIR interview process. Out of which 120+ students shortlisted for final interview for the selection.

With the Guidance of Dr. H. S. Patil, Principal GDEC, and consistent efforts of Dr. D. C. Patel, Head of T&P and Mechanical Department & Prof. Kaushal T. Kevadia, TPO and T&P Cell members Prof. Hitesh C. Rana, Prof. Dhruvang R. Gayakwad, Prof. Sunil V. Jaganiya, Prof. Brijesh U. Patel, Prof. Sunil R. Khokhar has lifted endeavour to make this JOB FAIR fructuous.

Internship 2022

Sr. No.	Student Name	Department	Company Name
1	Baktyan Aasim Abdulvahab	Automobile	Vadilal Industries Ltd.
2	Patel Naynit Vinodbhai	Automobile	Vadilal Industries Ltd.
3	Patel Rahulkumar Bipinbhai	Automobile	Maruti Suzuki Katariya Automobile Pvt.Ltd
4	Chaudhri Kivansh Atulbhai	Automobile	Maruti Suzuki
5	Panchal Vatsal Harishbhai	Automobile	Maruti Suzuki Kataria Automobile Pvt Ltd
6	Patel Rupesh Kamleshbhai	Automobile	Maruti Suzuki Service (Kataria Automobiles, Chikhli)
7	Rathod Jaykumar Dineshbhai	Automobile	Maruti Suzuki Service Kataria Automobiles, Pvt, Ltd
8	Siddiqui Rehan Rahmat Jamal	Automobile	Maruti Suzuki Kataria Automobile
9	Patel Kevin Jagdishbhai	Automobile	Maruti Suzuki Pvt. Ltd
10	Patel Ruchin Satishkumar	Automobile	Tejpal Moters
11	Rathod Keyursinh Kamleshsinh	Automobile	Kataria Automobiles Pvt.Ltd.
12	Hirani Prince Jagdishbhai	Automobile	Tejpal Moters, Tata Commercial Vehicle
13	Patel Dishant Sureshbhai	Automobile	Tejpal Motors
14	Solanki Bhumik Manishbhai	Automobile	Navjivan Hyundai
15	Patel Kartavyakumar Rameshbhai	Automobile	Honda
16	Vasava Chetankumar Atmaram	Automobile	Future Oils& Lubricants Pvt Ltd
17	Keval Balvantrai Patel	Civil	Sahaj Realty
18	Dhyan Shetalkumar Mistry	Civil	H.L.Sapariya Engineers And Build-ers
19	Patel Dharmin K.	Civil	Pramukh Real Estate Llp
20	Snehal Ramanbhai Bhesra	Civil	P.N. Vaghora
21	Dinaz Manish Bilimoria	Civil	Jashraj Construction
22	Sahaj Harishbhai Bundela	Civil	Devji Construction
23	Vitkumar Vikramsinh Chavda	Civil	P.N.Vaghora
24	Vitkumar Vikramsinh Chavda	Civil	P.N.Vaghora
25	Desai Neh D	Civil	Devji Construction
26	Dungria Mihir Subhashbhai	Civil	Hm Contractor
27	Deep Sanjay Mistry	Civil	Ridaan Developers
28	Pal Anup Naik	Civil	Jashraj Construction
29	Ankit Patel	Civil	Pankajbhai B. Patel (Government Contractor)
30	Kinjal Chandrakant Patel	Civil	Eera Architect
31	Patel Manav Jagdishbhai	Civil	Devendrabhai Dhirubhai Patel
32	Palakkumar Chandrakantbhai Patel	Civil	Pankaj B. Patel
33	Raghvani Nilesh Kamleshbhai	Civil	Shivaam Construction
34	Parth Rupabhinda	Civil	Nilkanih Construction
35	Khushbu Sirvi	Civil	Sthapti Design And Consultants Pvt. Ltd.
36	Pramod Achhelal Yadav	Civil	Avadhut Construction
37	Chavda Hemang Prabhatbhai	Civil	Gahan Associates
38	Lad Jinit Jayeshkumar	Civil	Ridaan Developers

Internship 2022

Sr. No.	Student Name	Department	Company Name
39	Akshay Pandav	Civil	Shreyansh Constuction
40	Raj Vijaybhai Patel	Civil	Devji Construction
41	Krupesh Patel	Computer	Casepoint Pvt. Ltd.
42	Ahir Dhruvi Hemantbhai	Computer	Techfusion Technologies
43	Bagul Yogesh Yuvraj	Computer	Xcellence-It
44	Aadarsh Dubey	Computer	Web Ashlar
45	Kadam Jay V	Computer	Testgrid Labs Inc
46	Safvan Yasinali Khalifa	Computer	La Net Team
47	Mandaviya Yash Manishkumar	Computer	Meshdroid Technologies
48	Sana Mohammad Arif Moosa	Computer	1rivet
49	Yashvi Devendrakumar Naik	Computer	Casepoint Private Limited
50	Drashti M Patel	Computer	Techfusion Technologies
51	Finali Ashvinkumar Patel	Computer	Techfusion Technologies
52	Harshil D Patel	Computer	Xcellence-It
53	Patel Neel Kalpeshkumar	Computer	Skyllect Pvt Limited
54	Patel Nehali	Computer	Techfusion Technology
55	Riddhi D Patel	Computer	Casepoint
56	Patel Shreya Ashvinbhai	Computer	Techfusion Technologies
57	Patel Yash P	Computer	Testgrid Labs Inc
58	Kushal Raju Potdar	Computer	Web Ashlar Software & Solution
59	Bhavik Nareshbhai Prajapati	Computer	1rivet Company
60	Viny Sejalkumar Shah	Computer	Casepoint Pvt Ltd
61	Shivshankar Shukla	Computer	Astound Commerce
62	Samyak K. Soni	Computer	Testgrid Labs Inc
63	Dhvanil Tailor	Computer	Goldenmace It Solutions
64	Vaksha Tandel	Computer	Goldenmace It Solution
65	Nishtha Dhrmendrasinh Thakor	Computer	Lanet Software Solution Pvt Ltd
66	Sani A. Patel	Computer	Casepoint Pvt. Ltd.
67	Shailesh G Prajapati	Computer	Xcellence It
68	Rathod Ritesh M	Computer	Goldenmace It Solution
69	Mistry Deep Narendrabhai	Electrical	Atul Ltd.
70	Parmar Raviraj Girishbhai	Electrical	Waaree Solar Energies
71	Patel Harsh Navinchandra	Electrical	Waaree Solar Energies
72	Patel Mosmi Nareshbhai	Electrical	Great White Global Pvt Ltd
73	Tandel Krushangbhai Thakorbhai	Electrical	L&T Hydrocrbon Engineering Ltd.
74	Ravi Hemantbhai Lad	Electrical	L&T Hydrocrbon Engineering Ltd.
75	Makwana Hasmukh N.	Electrical	Elitatechnology
76	Dhvani Dhansukhnhai Mehta	Electrical	Great White Global Pvt Ltd
77	Jeel Ankitbhai Naik	Electrical	Great White Global Pvt Ltd
78	Patel Bhadresh B.	Electrical	Atul Limited

Internship 2022

Sr. No.	Student Name	Department	Company Name
79	Patil Vishal Mukesh	Electrical	R.M.Automation
80	Harsh Ashokkumar Rathod	Electrical	Atul Limited
81	Saurabhkumar Santoshkumar Pathak	Mechanical	Nif Mechanical Works Pvt Ltd
82	Jignesh Mahesh Patil	Mechanical	Sona Extrusion Pvt Ltd (Hilti)
83	Parth Dodiya	Mechanical	Vadilal Industries Ltd., Dharampur
84	Ronakkumar Vasantbhai Patel	Mechanical	Vadilal Industries Ltd., Dharampur
85	Ronak Umesh Jha	Mechanical	Nilkanth Engineers, Valsad
86	Harsh Gangjibhai Bhanushali	Mechanical	Acey Engineering Pvt. Ltd., Bilimora
87	Gambhava Sagar V.	Mechanical	Acey Engineering Pvt. Ltd., Bilimora
88	Jay Bharatbhai Patel	Mechanical	Acey Engineering Pvt. Ltd., Bilimora
89	Sagar S Patel	Mechanical	Acey Engineering Pvt. Ltd., Bilimora
90	Priyank Jitendrabhai Patel	Mechanical	Jinal Engineering
91	Hardik R. Patel	Mechanical	Jinal Engineering
92	Divyangkumar Ishvarlal Patel	Mechanical	Air India Engineering Services Ltd, Surat
93	Hardik B Mistry	Mechanical	L&T Hazira
94	Meet Ishwarbhai Patel	Mechanical	Sahajanand Technologies Pvt Ltd
95	Ahir Bhargavkumar Kantilal	Mechanical	Sona Extrusion Pvt Ltd
96	Manan Pandya	Mechanical	Sona Extrusion Pvt Ltd
97	Chiragchandra Dipakkumar Patel	Mechanical	Sona Extrusion Pvt Ltd
98	Patel Jay Kamleshbhai	Mechanical	Sona Extrusion Pvt Ltd
99	Vandan Patel	Mechanical	Techno Gear Works Pvt Ltd, Gundlav
100	Dev Bhavsar	Mechanical	Sona Extrusion Pvt Ltd (Hilti)
101	Thakor Meet	Mechanical	Atul Ltd, Atul
102	Mistry Darshit Bhavesh	Mechanical	Aarti Industries Ltd., Vapi
103	Kushang Mahendrakumar Suratwala	Mechanical	Einfochip
104	Patel Kaustubh Dipakkumar	Mechanical	Gufic Biosciencs Ltd
105	Abhishek M Patel	Mechanical	Sejal Glass Ltd., Silvassa
106	Sunny Ajay Bhonsle	Mechanical	Acey Engineering Pvt. Ltd., Bilimora
107	Priyankbhai Jayeshbhai Tandel	Mechanical	Acey Engineering Pvt. Ltd., Bilimora
108	Harshal Prekashbhai Tandel	Mechanical	Acey Engineering Pvt. Ltd., Bilimora
109	Marmikkumar Dasharath Bhai Tandel	Mechanical	Acey Engineering Pvt. Ltd., Bilimora
110	Daniel Ganeshkumar Tandel	Mechanical	Acey Engineering Pvt. Ltd., Bilimora
111	Tandel Jay Mukeshkumar	Mechanical	Soilcart Agriwheels Private Limited, Atul, Valsad
112	Tandel Hastin Vijaybhai	Mechanical	Techno Gear Works Pvt Ltd, Gundlav
113	Tandel Herin Dharmendrabhai	Mechanical	Techno Gear Works Pvt Ltd, Gundlav
114	Yash Nileshbhai Patel	Mechanical	Techno Gear Works Pvt Ltd, Gundlav

Industrial Visit

Sr No.	Name Of Industry	Sem/ Year	Number of Students	Date Of Visit
Automobile Engineering				
1	Naik Engineering, Chikhli.	6th/3rd	18	16-04-2022
2	3J The Bullet Shop, Chikhli.	6th/3rd	18	16-04-2022
3	Sopan Institute Of Engineering & Design (SIED), Surat.	4th/2nd	13	25-04-2022
4	Shree Ambica Auto Sales & Service, Amboli, Surat.	6th/3rd	18	30-04-2022
5	Swadesh Udyog, GIDC Por, Vadodara.	4th/2nd	22	13-05-2022
6	Vital Cast, GIDC Por, Vadodara.	4th/2nd	22	13-05-2022
Civil Engineering				
1	Luncikui Ground, Navsari	6th /3rd	54	19-02-2022
2	Sardar Sarovar Dam And Statue Of Unity	6th /3rd	70	15th and 16th March 2022
3	Saputara	4th /2nd	65	24th and 25th March 2022
4	Waaree Energies Ltd Suthvad Chikhali	7th /4th	70	6-10- 2022
5	Chikhli Region	5th /3rd	65	12-10-2022
Computer Engineering				
1	Athh Technologies	6th/3rd	55	17-03-2022
2	Codezee	6th/3rd	55	17-03-2022
Electrical Engineering				
1	Getco, Navsari	4,6 /2nd ,3rd	40	28-4-2022
2	Wanakbori Thermal Power Station	4,6 /2nd ,3rd	52	29-4-2022
3	Adani Dahnu Thermal Power Station	6 /3rd	37	07-02-2023
Mechanical Engineering				
1	Jay Metal Tech, Udhana, Surat	4th / 2nd	33	06-05-2022
2	Sona Extrusion Pvt. Ltd Navsari	6th / 3rd	28	07-04- 2022
3	J P Ice Factory Navsari	7th / 4th	30	15-09-2022
4	Himganga Cold Storage Navsari	7th / 4th	30	15-09-2022
5	Nuclear Power Plant At Kakrapar	7th / 4th	28	06-12- 2022

Consultancy Work

Civil Engineering Department

Civil Engineering Department is involved with various consultancy work like Material testing, Proof checking of structure, Conditional assessment of structure, Hydraulic design, Planning and designing work of building etc. for various industrial area like Daman, Vapi, Ankleshwar etc. In a year 2022,revenue earned by civil engineering department through consultancy work is approximate 9,00,00,000/-.

Computer Engineering Department

GIDC Degree Engineering College is in agreement with various well renowned companies like NSEIT Ltd., Tata Consultancy Services (TCS) Ltd., National Testing Agency (NTA). 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-2022 to Feb-2023 are as mentioned below: -

Sr.No.	Exam Conducting Agency	Name of Examination	Date Duration	Allotted Candidate Strength	Revenue Earned (INR)
1	NSEIT Ltd.	GETCO	04 to 07-Jan-22	1140	78352
2	NSEIT Ltd.	DGT ITI Exam	24 to 31-Jan-22 01 to 05-Feb-22	3285	231575
3	NSEIT Ltd.	UIDAI	18, 19-Feb-22	100	10208
4	Symlink	ICAI	25-Feb-22	50	5900
5	Symlink	CMAT	09-Apr-22	120	14160
6	NSEIT Ltd.	DGT ITI Exam	30-Apr, 7,8-May-22	1006	65325
7	NSEIT Ltd.	DGT ITI Exam	13-Aug-22	273	19718
8	NSEIT Ltd.	DGT ITI Exam	20, 21-Aug-22	546	38256
9	NSEIT Ltd.	DGT ITI Exam	27, 28-Aug-22	542	38126
10	NTA - AICTE	UGC NET	21-Sep-22	91	16860
11	NSEIT Ltd.	DGT ITI Exam	18 to 21-Dec-22	630	48982
12	TCS	NTA JEE	28 to 31-Jan-23 01-Feb-22	850	122485
Total					6,89,947

Computer Engineering Department continues to play significant role to generate revenue for the GIDC Degree Engineering College.

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

Mechanical Engineering Department

Mechanical Engineering Department did consultancy work for Pradip polyfiles, NIF group, Navsari on "Engineering and Mechanical Drawing" during March to July 2022(Rs. 60,000).

Report on Unnat Bharat Abhiyan

UNNAT BHARAT ABHIYAN

GIDC DEGREE ENGINEEERING COLLEGE, ABRAMA, NAVSARI

GIDC Degree Engineering College Has Registered In The Unnat Bharat Abhiyan Program Initiated By The Ministry Of Human Resource Development, Govt. Of India. GIDC Degree Engineering Aims To Identify The Development Challenges And Needs Of A Village And Find Appropriate Solutions With Professional Resource Support From Institute To Meet These Needs.

UBA Nodal Officer Name: Prof. Nilesh R. Parmar

UBA Coordinator Name: Prof. Dhaval K. Patel

UBA Co-Coordinator's Name: Prof. Bhavesh S. Patel, Prof. Ketan K. Lad, Prof. Pritesh R. Rathod, Prof. Hetal M. Patel, Prof. Bhumika H. Patel, Prof. Kushal D. Patel

Email: uba2.0@gdec.in

Sr. No.	ADOPTED VILLAGES	TALUKA(Block)	DISTRICT
1	Mandir	JALALPOR	NAVSARI
2	Abrama		
3	Sarav		
4	Kharsad		
5	Vedchha		
6	Antaliya		

List of Activities:

1. Activities: Village Visit At Vedchha

We Frequently Meet The Newly Elected Sarpanch Shri Of Allotted Villages, Prof. Daksh R. Tandel Visited Vedchha Village And Meet With Sarpanch Of The Village. He Was Briefing About College And Our Role As A P.I Under UBA.

2. **Activity: Tree Plantation.**

UBA team of GDEC organize Tree plantation program on 8th of April 2022 at allotted village with the teams of students. Village coordinators and 13 numbers of students coordinate this program. Total 369 students participate and 74 numbers of tree Plant was planted by each group of 4 students.

3. Activity: Blood Donation.

UBA team of GDEC & sneh-setu charitable trust organize Blood Donation program with the help of Red Cross society, navsari on 8th of April 2022 at allotted village. Village coordinators &15 No of students coordinate this program. Total 84 no. of blood bag was collected.

4. Activity: Solid Waste Disposal Problem

The Survey Was Done By Prof. Bhavesh S. Patel In The Antaliya Village And We Found Problem On Solid/Plastic Waste Disposal. The Waste Is Being Collected From Door To Door And Dumped At One Place And Burn It. Also, The Waste Is Not Burned Properly. So, We Enlighten This Problem Give Solution According To It.

સ્નેહસેતુ ચેરિટેબલ ટ્રસ્ટ
BLOOD
SAVE A
Life
અને
GIDC DEGREE ENGINEERING
COLLEGE-ABRAMA, NAVSARI.
નાં સંયુક્ત ઉપક્રમે રક્તદાન શિબિર
સહયોગ :
રેડક્રોસ સોસાયટી, નવસારી
उन्नत भारत अभियान
उन्नत भारत अभियान
UNNAT BHARAT ABHIYAN
ABRAMA VILLAGE
PARTICIPATING INSTITUTE
GIDC Degree Engineering College
Abrama, Navsari

Faculty Achievement

Book Publication

- **Prof. (Dr.) H. S. Patil has published a book on Advanced Vibration (Code: MEDLO7043) with ISBN No-978-93-5583-152-1 Semester-VII - Mechanical / (University of Mumbai) in July-2022 with Tech-Neo Publication Pune.**

- **Dr. Shailesh S. Patel has published following books of Mathematics under Atul Prakashan:**
  1. **Applied Mathematics for Electrical Engineering**
  2. **Probability and Statistics for Computer Engineering**
  3. **Complex Variables and Partial Differential Equations for Automobile and Mechanical Engineering**
  4. **Discrete Mathematics**
  5. **Mathematics-I**
  6. **Mathematics-II**

- **Dr. Harshal G. Vashi has published books :**
  1. **Organizational Behavior,ISBN: 978-93-5583-138-5, PUBLISHER: Tech Neo Publication**
  2. **Instrumentation & Control Systems for Combined Cycle Power Plant: An Operations Management Perspective (ISBN: 978-3-659-95327-9); Publisher: Lambert Academic Publishing**
  3. **Stress Management: Special Reference to Bank Employees (ISBN: 978-3-659-95180-0); Publisher: Lambert Academic Publishing.**

- **Mihir kumar A. Mishra published a book on Electronic Commerce 1st Edition at Technical Publication with ISBN 978-93-90041-29-9.**

Expert lecture

- **Dr. D. C. Patel delivered expert talk on Automation in Mechanical Engineering for final year students of Mechanical Engineering Department on date 7th October 2022 at GDEC Navsari.**
- **Prof. Daksh R. Tandel delivered expert talk on Introduction to eQuest for final year students of Mechanical Engineering Department on date 19th September 2022 at GDEC Navsari.**
- **Prof. Hariketan B. Patel delivered expert talk on Additive Manufacturing & 3D Printing for final year students of Mechanical Engineering Department on date 7th October 2022 at GDEC Navsari.**
- **Prof. Bharat H. Gajera delivered expert talk on Core concept of GATE for final year students of Mechanical Engineering Department on date 10th October 2022 at GDEC Navsari.**
- **Prof. Hitesh C.Rana delivered expert talk on Scope for Mechanical Engineer for final year students of Mechanical Engineering Department on date 14thOctober 2022 at GDEC Navsari.**
- **Prof. Sunil Khokhar delivered expert talk on GATE Preparation at automobile engineering department GIDC Degree Engineering College, Navsari On 5th August 2022.**
- **Prof. Mayur Jalanapurkar delivered an expert lecture on topic Application of composites in I.C Engine components at Automobile Engineering Department, GIDC Degree Engineering College, Navsari dated 17 February 2022.**
- **Prof. Kenal Tandel delivered expert talk on Basics of Control System and Sensors in Robotics at Automobile Engineering Department, GIDC Degree Engineering College, Navsari on 3rd February 2023.**

Other Achievement of Faculty

- **Prof. Hariketan B. Patel, and Prof.(Dr.) Hiralal S. Patil have won the Best Paper Presentation award for a presentation entitled Tribological behavior and cutting performance of Alumina-Zirconia ceramics insert under dry machining of Inconel 718 at 10th National Conference on Recent Developments in Mechanical Engineering [RDME 2022], Department of Mechanical Engineering, Modern Education Society's College of Engineering, Pune during on 15th and 16th September 2022.**
- **Dr. D.C.Patel and Prof. Hariketan B. Patel were the mentors of Team GDEC Mechatron from the Mechanical Engineering Department who secured 1st rank in Smart India Hackathon 2022 at the National Institute of Engineering and Technology, Grater Noida on 26th August 2022.**
- **Dr. Bhavin Patel has successfully completed the Online Orientation Training Programme for mentors organized from 7th February to 11 February 2022 under National Initiative for Technical Teachers Training.**
- **Dr.Harshal.G.Vashi Received Diamond Award from Gujarat Technological University, Ahmedabad on-Sankul Day 2021 for conducting total 10 sessions on Basics of Intellectual Property Rights in various institutions of South Gujarat.**
- **Prof. Ashish Omprakash Jain has successfully completed his Industrial Training of 3 Months at ABCD Group (Solutions, Services & Marketing), Navsari during the period between November, 21 to June, 22.**
- **Prof. Ashish O. Jain has participated in the MMM Technical Quiz organized by the NDLI Club of GIDC Degree Engineering College held on April 20, 2022.**
- **Prof. Ashish O. Jain has successfully completed all the E-modules on topic entitled Improving Data Publishing Practices in Research organized by the Researcher Academy, Elsevier in June 22.**
- **Prof. Ashish O. Jain has successfully completed all the E-modules on topic entitled Improving Data Publishing Practices in Research organized by the Researcher Academy, Elsevier in June 22.**
- **Prof. Ashish O. Jain has participated & completed successfully NPTEL-AICTE (Funded by the MoE, Govt. of India) 4 Weeks Online Certification Course on Brief Introduction to Psychology organized by IIT -Kanpur during July-August, 22 and scored 53%.**
- **Prof. Ashish O. Jain has participated & completed successfully NPTEL-AICTE (Funded by the MoE, Govt. of India) 4 Weeks Online Certification Course on Structural Analysis of Nanomaterials organized by IIT-Roorkee during July-August, 22 and scored 66% Elite Certification.**
- **Prof. Ashish O. Jain as GDEC Music Club Coordinator has mentored a team who had participated and secured 2nd Runner up in Indian Group Song Competition in Regional XITIJ GTU 10th Youth Fest held at SNPITRC, Umrakh-Bardoli on 16th September, 2022.**
- **Prof. Ashish O. Jain as Hackathon Academic Mentor has mentored a team who had participated and were selected in Azadi Ka Amrit Mahotsav Hackathon 2022 (Regional Round), organized by Higher & Technical education Department, Government of Gujarat; organized at Veer Narmad South Gujarat University, Surat on 7-8 October, 2022.**
- **Prof. Ashish O. Jain as GDEC Music Club Coordinator has mentored a team who had participated for Indian Group Song Competition in XITIJ GTU 10th Youth Fest organised at SAL Education Campus – Ahmedabad on 14th October, 2022.**
- **Prof. Ashish O. Jain has successfully completed Research design, Research Metrics and Finding the right Journal E-modules organized by the Researcher Academy, Elsevier in Dec. 22.**
- **Dr. Shailesh S. Patel was honored as jury member of Navsari zone level science fair organized at District Institute of Education & Training, Navsari.**
- **Prof Jay R Desai was honored as jury member of Navsari taluka level science fair organized at S.S. Agrawal Public School on 16/12/2022.**
- **Prof. Aakash N.Patel was honored as jury member of Navsari taluka level science fair organized at S.S. Agrawal Public School on 16/12/2022.**
- **Prof. Jay R Desai was honored as jury member of Navsari district level science fair organized at GIDC Degree engineering college on 29/12/2022.**
- **Prof. Aakash N.Patel was honored as jury member of Navsari district level science fair organized at GIDC Degree engineering college on 29/12/2022.**

Other Academic Role of Faculties

Sr. No.	Faculty Name	Role	Name of University
1	Prof.(Dr.)H.S.Patil	Doctoral Progress Committee member	Gujarat Technological University
		External examiner in PG Dissertation Viva	North Maharashtra University, JALGAON and Savitribai Phule Pune University, Pune
		Examiners/Setters in Mechanical Engineering	Gujarat Technological University
		Convenor and committee member in Academic Inspection	Gujarat Technological University
		VC Nominee and Subject Expert on interview panel	Gujarat Technological University
		Session chair in National Conference on Emerging Trends In Engineering & Technology for Mechanical & Automobile Stream	Laxmi Vidyapeeth, Laxmi Institute of Technology, Sarigam Gujarat
		Editorial Committee Member	Journal Fratturaed Integrity Strutturale(Fracture and Structural Integrity) ISSN 1971-8993
		Editorial Committee Member	Current Mechanics and Advanced Materials
		Advisory Board Members	Cambridge Scholars Publishing (Physical Sciences Mechanical Engineering)
		Editorial Committee Member	SCIREA Journal of Materials -Science Research Association
		Editorial Committee Member	SCIREA Journal of Mechanical Engineering, Science Research Association - a global academic organization
		Editorial Committee Member	International Journal of Research and Scientific Innovation (IJRSI) ISSN No. 2321-2705
		Editorial Committee Member	International Scientific Research Organizations Journal
		Editorial Committee Member	American Journal of Materials Engineering and Technology ISSN:2333-8911
		Editorial Committee Member	International Journal of Mechanical Engineering ISSN: 2277-7059
		Technical Program Committee Member	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	The Second International Conference on New Material and Chemical Industry (NMCI2017) will be held in Sanya, China during November 18-20, 2017, - http://www.icnmci.org
		Technical Program Committee Member	International Conference on Mechanical, Electric and Industrial Engineering; --- Hangzhou, China, May 12-14, 2018; http://www.icmeie.com/Committee.aspx
		Reviewer of Journal/ Conferences	ELSEVIER- Material Characterisation, Netherland ELSEVIER- Vacuum, Netherland ELSEVIER- Solar Energy , Netherland Taylor and Francis - Journal of Adhesion Science and Technology, UK Transactions of the Canadian Society for Mechanical Engineering, Canadian Iranian Journal of Materials Science and Engineering, Iran Fratturaed Integrità Strutturale (Fractureand Structural Integrity), Italy Journal of Advanced Design and Manufacturing Technology (ADMT), Iran American Association for Science and Technology (AASCIT), USA International Conference on Advancements in Design and Tribology NIT Surat A National Conference on Progress, Research and Innovation in Mechanical Engineering SCET Surat

Sr. No.	Faculty Name	Role	Name of University
2	Dr.S.S.Patel	Member of Research Advisory Committee (RAC) of Mathematics for Ph.D. related procedures	VNSGU, Surat
		Member of Academic Inspection Committee (AIC) appointed by GTU, Ahmedabad	GEC, Valsad. SS Agrawal Inst of Eng. And Tech, Navsari
		Subject Expert for the Conduction of Interview	Various Degree Engineering and Polytechnic Colleges affiliated by GTU, Ahmedabad
		External Referee for assessing Ph.D. Thesis of Research Scholars	VNSGU, Surat; RAI University, Ahmedabad; Indus University, Ahmedabad
		External member of Board of Studies of Department of Mathematics	Indus University, Ahmedabad
		Reviewer of Research Papers	International Conference on Research and Innovations in Science, Engineering & Technology
3	Dr.D.C.Patel	Doctoral Progress Committee member	Gujarat Technological University
		External examiner in PG Dissertation Viva	Uka Tarsadia University
		Examiners/Setters in Mechanical Engineering	Uka Tarsadia University, P P Savani University and Bhagwan Mahavir University
		Subject Expert on interview panel	Sarvajanik College of Engineering & Technology
		Session chair in National Conference	Sarvajanik College of Engineering & Technology
		Reviewer of Journal/ Conferences	Australian Journal of Mechanical Engineering
4	Prof. T. V. Patel	Subject Expert on interview panel	BVPIT, Umrakh-Bardoli
5	Prof.A. O. Jain	Examiner, Paper Setter	GTU, BMU, IU, UTU.
6	Prof. Bharat H. Gajera	Examiners/Setters in Mechanical Engineering	Bhagwan Mahavir University
7	Prof. Hitesh C. Rana	Examiners/Setters in Mechanical Engineering	Bhagwan Mahavir University
8	Prof.Dharmik A. Patel	Examiners	Bhagwan Mahavir University
9	Prof. Mitesh H. Patel	Examiners	Bhagwan Mahavir University

Research Guide

Sr. No.	Name of The Research Supervisor	Year of Recognition	Area of Research	No. of Student Completed	No. of Student Pursuing	Department
1	Dr. Hiralal.S.Patil	2017	Design, Teratology and Materials Processing & Characterisation	0	08	Mechanical Engineering
2	Dr. Shailesh S. Patel	2014	Fuzzy Logic, Numerical Techniques,	02	02	Applied Sciences and Humanities (Mathematics)
3	Dr.Dilip.C.Patel	2017	Mechanical Design	0	06	Mechanical Engineering
4	Dr.Bhavin G. Patel	2022	Concrete, Structure Analysis	0	01	Civil Engineering
5	Dr. Rakesh J. Motiyani	2022	Electric Power	0	01	Electrical Engineering
6	Dr. Harshal G. Vashi	2022	Labor Legislation, Quality Management, Principles of Management	0	03	Applied Sciences and Humanities (Management)

Sr. No.	Name of the scholar	University	Name of the Supervisor	Year and months of registration of the scholar	Awarded Ph.D. / Ph.D. Pursuing/ Open Seminar/ Synopsis
Automobile Department					
1	Prof.Ashish O. Jain	GTU	Dr. Hiralal S. Patil	2017	Ph.D. Pursuing
2	Prof.Toral Patel	GTU	Dr. Paresh D. Patel	2018	Ph.D. Pursuing
3	Prof.Ankit K. Patel	GTU	Dr. Pravin Rathod	2019	Ph.D. Pursuing
4	Prof.Mayur Jalanapurkar	GTU	Dr. Hiralal S. Patil	2019	Ph.D. Pursuing
5	Prof.Kenal Tandel	GTU	Dr. Haresh P. Patolia	2020	Ph.D. Pursuing
Civil Engineering					
6	Prof. Nilesh R. Parmar	SVNIT	Dr.B.K.Vendhan	June 2018	Ph.D. Pursuing
7	Prof. Hemina Z. Patel	GTU	Dr. Neeraj D. Sharma	2018	Ph.D. Pursuing
8	Prof. RajankumarJ. Lad	GTU	Dr. Neeraj D Sharma	January 2022	Ph.D. Pursuing

Faculty Pursuing Doctor of Philosophy

Sr. No.	Name of the scholar	University	Name of the Supervisor	Year and months of registration of the scholar	Awarded Ph.D. / Ph.D. Pursuing/ Open Seminar/ Synopsis
9	Prof. Vikunj K. Tilva	GTU	Dr.Kamalsinh M Padhiar	July 2022	Ph.D. Pursuing
10	Prof. Sunil V. Jaganiya	GTU	Dr.Kamalsinh M. Padhiar	July 2022	Ph.D. Pursuing
11	Prof. Pritesh R. Rathod	GTU	Dr.Yogendra K Tandel	July 2022	Ph.D. Pursuing
Computer Engineering					
12	Prof. Archana Nayak	GTU	Dr. Nirbhay Chaubey	Sept 2017	Open Seminar Completed and submitted the Synopsis to GTU
13	Prof. Kaushik Patel	GTU	Dr. Kaushika Patel	July 2021	Ph.D. Pursuing
14	Prof. Brijeshkumar U.Patel	GTU	Dr.Kaushika D Patel	July 2021	Ph.D. Pursuing
Electrical Engineering					
15	Prof. Ankur P. Desai	GTU	Prof.(Dr.) Archana Nanoty	Sep-2018	Ph.D. Pursuing
16	Prof. Bhavesh S Patel	GTU	Dr. Chirag A Naik	Oct-2019	Ph.D. Pursuing
17	Prof. Bhavin S Trivedi	GTU	Dr. Pritesh R Markad	Oct-2019	Ph.D. Pursuing
18	Prof. Dhaval K. Patel	Sarvepalli Radhakrish-nan University	Prof. E.Vijaykumar	Dec- 2020	Ph.D. Pursuing
19	Prof. Dhruvang R. Gayakwad	SVNIT	Dr. Hitesh R Jariwala	Jan-2021	Ph.D. Pursuing
20	Prof. Ketan K. Lad	GTU	Dr. Maulin Joshi	Feb-2021	Ph.D. Pursuing
21	Prof. Jay R. Desai	GTU	Dr. Maulin Joshi	Feb-2021	Ph.D. Pursuing
22	Prof. Rohit B. Damor	Mizoram University	Dr. Subhashish Deb	2023	Ph.D. Pursuing
Mechanical Engineering Department					
23	Prof. Hariketan B. Patel	GTU	Dr. Hiralal S. Patil	February 2019	Synopsis and Thesis submitted
24	Prof. Bharat H. Gajera	GTU	Dr. Hiralal S. Patil	August-2019	Ph.D. Pursuing
25	Prof. Hitesh C. Rana	GTU	Dr. C. K. Desai	August, 2019	Ph.D. Pursuing
26	Prof. Daksh R. Tandel	GTU	Dr.Alpesh V Mehta	June 2020	Ph.D. Pursuing
27	Prof. Dhaval S. Chaudhari	GTU	Dr. K.D.Maniya	September 2021	Ph.D. Pursuing
28	Prof. Krunal A. Hathiwala	Sarvajanik Uni.	Dr. Pankaj Ghoil	October 2022	Ph.D. Pursuing
29	Prof. Dharmik A Patel	GTU	Dr. Vijay D. Dhiman	December 2022	Ph.D. Pursuing
Applied Sciences and Humanities Department					
30	Prof. Ishita V. Panchal	GTU	Dr. Chetankumar Lad		Ph.D. Pursuing
31	Prof. Aakash N. Patel	VNSGU	Dr. K. G. Raval	December 2021	Ph.D. Pursuing
32	Prof. Divya C. Patel	VNSGU	Dr. Promod N.Mishra	January 2023	Ph.D. Pursuing

Details of Patent

- **Dr. D. C. Patel has registered a design patent for a Fixture for estimating tensile properties of adhesive, Design Number: 374457/001 on 21st November 2022.**
- **A Design Patent with the Title Fixture for lap joint bonding by Dr. D. C. Patel, has been successfully accepted.**
- **A Design Patent on the Title Oil Cleaning and Blending System with Patent Application no.:367358-001 by Prof. Ashish Omprakash Jain, Prof.(Dr.) H.S. Patil has been successfully accepted, applied in July 2022**
- **Prof. (Dr.) Rakesh J Motiyanihas registered design patent for a System to carry over the campaign conducively on (u/s 11a) 15th April 2022.**
- **Prof. (Dr.) Rakesh J Motiyanihas registered design patent for a Device for analysis of market communication in Tourism indicators in India on (u/s 11a) 15th April 2022.**
- **Prof. (Dr.) Rakesh J Motiyanihas registered design patent for a Effective hybrid technique for logistics industries on (u/s 11a) 15th March 2022.**
- **Prof. Dhaval Patel has registered design patent for a A Solar Vehicle on 13th June 2022 registered Under the Government of India at Indian patent office Kolkata, Design Number: 366011-001 & CBR Number: 202691.**
- **Prof. Ankur P Desai has registered design patent for a Six-Phase Transformer on 31st October 2022 in the office of the Controller General Patent, Design & Trade Mark, Govt. of India, Design Number: 373274-001& CBR Number: 207787.**
- **Dr. Harshal G. Vashi register patent**

  1.Application number: 202221009290; date of filing: 22/02/2022; (title of invention: device for analysis of market communication in tourism); Publication date (u/s 11a): 01/04/2022

  2. Application number: 202241010806; date of filing: 28/02/2022; (title of invention: effective hybrid technique for logistics industries); Publication date (u/s 11a): 11/03/2022

  3.Application number: 202241015873; date of filing: 22/03/2022; (title of invention: the effect of the global financial crisis on few macroeconomic indicators in India); Publication date (u/s 11a): 25/03/2022

Student Achievement

Automobile Engineering Department

- **Deepanshu Dubey and Om Pandya, students of 1st year Automobile department have participated in GTU zone level event badminton tournaments at SMT BNB Swaminarayan College, Valsad on 17th August, 2022 and performing very well.**
- **Priyansh Bhavsar had secured 1st Runner up participating in "Cartooning" in Regional "XITIJ GTU 10th Youth Fest" held at SNPITRC, Umrakh-Bardoli on 16th September, 2022 and was selected for Final round at GTU level.**
- **Akash Chauhan (Team Leader), Darshan Naik, Dhvanit Maisurya, Fenil Patel and Siddharth Sukhiyajiwala along with their mentor "Prof. Ashish O. Jain" had participated in Azadi Ka Amrit Mahotsav Hackathon 2022 (Regional Round), organized by Higher & Technical education Department, Government of Gujarat; organized at Veer Narmad South Gujarat University, Surat on 7-8 October, 2022 and were selected for the Finale at State Level.**
- **Akash Chauhan (Team Leader), Darshan Naik, Dhvanit Maisurya, Fenil Patel and Siddharth Sukhiyajiwala had participated in Finale of Azadi Ka Amrit Mahotsav Hackathon 2022, organized by Higher & Technical education Department, Government of Gujarat; organized at CVM Campus, VVnagar on 10-11 February, 2023 and results are awaited.**

Civil Engineering Department

HECKATHON 2022

Our Civil Engineering Students of 6th semester - Bhandari Shivang,Tandel Sandhya, Patel Riya, Patel Chirag, Rathod Adityakumar,Biradar Khushal and Ahir Yashmi- has participated in a state level Azadi ka Amrit Mahotsav Hackathon 2022, organized by Education Department (Higher and Technical) Government of Gujarat. Team of the students have worked on problem ID PID 714 i.e. storm water management (underpass at Ahmedabad-Mehsana Palapur road (SH-14) Modhera circle, Mehsana). Our team has cleared regional round of Hackathon held on 7th and 8th October 2022 at VNSGU, Surat under co-ordination of Prof. Pritesh Rathod. They have appeared in grand finale of Hackathon held in Anant National University, Ahmedabad under co-ordination of Prof. Sunil Jaganiya.

Computer Engineering Department

Student of Computer Engineering 2nd Year, Raju Purbia got 10 CPI till his 3rd Semester (each semester 10 SPI) and ranked 6th in GTU.

Patel Dev from 1st Year and Dev Dange from 2nd year computer engineering had been selected to represent Gujarat Technological University Taekwondo Team Men for Participating in the West Zone Inter University Tournament at national level.

SMART INDIA HACKATHON

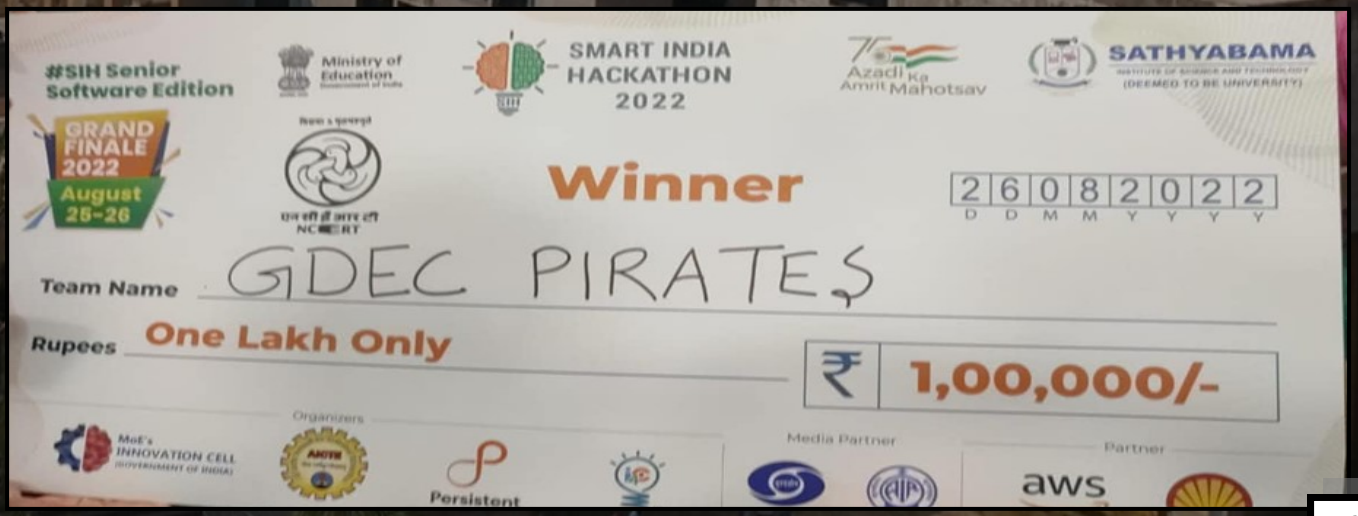
Smart India Hackathon is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving. It is a proud moment for GIDC Degree Engineering College, as our teams GDEC MECHATRON (Mechanical Department) and GDEC PIRATES (Computer Department) won the Grand Finale of Smart India Hackathon 2022 at National Level Competition held on 25th -26th August, 2022 at Greater Noida (Delhi) and Chennai respectively. Prices worth Rupees 1 lakh were awarded to each team for their first rank in the respective category.

Team Name : GDEC PIRATES

Team Members: Dev Dange, Rajpurohit Govind, Yashvardhan Patil, Harshit Rajput, Ahir Riya, Bhadauria Bhawna

Team Mentor: Prof. Brijesh Patel

Venue: Sathyabama Institute of Science & Technology, Chennai



Shortlisted For Darkathon 2022

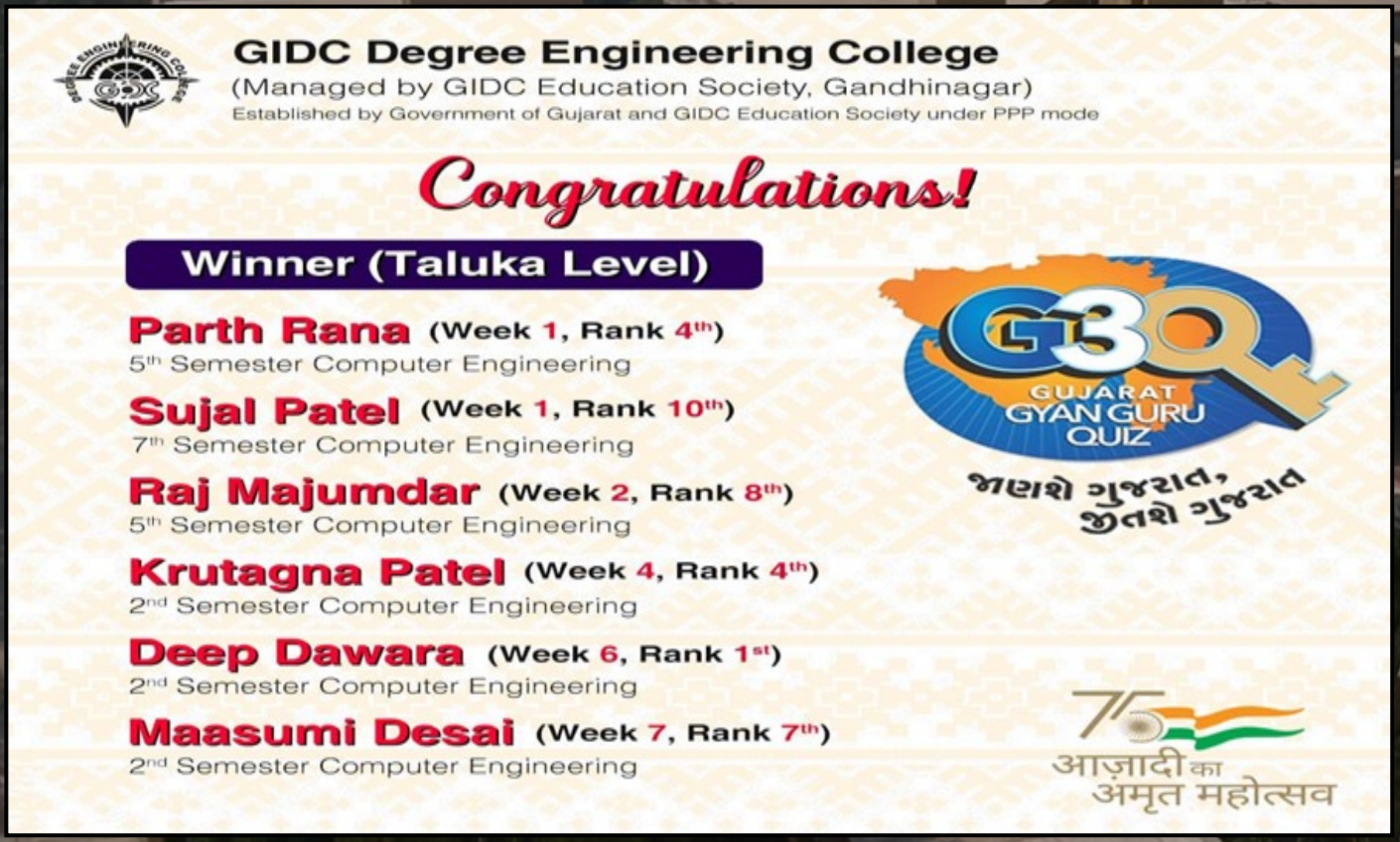
Patil Yashvardhan, Computer Engineering Department, shortlisted for Round-2 Narcotics Control Bureau Darkathon 2022. The "Darkathon 2022" initiative is designed to find solutions to drug trafficking on the darknet.

Teakwondo Tournament

Dev Patel , student of 3rd Semester, Computer Engineering Department, secured 2ndposition in "TEAKWONDO" Tournament in Spirit-2022, organized by GTU.

GTU INNER COLLEGE TOURNAMENT

Shubham Rana, student of 5th Semester, Computer Engineering Department, secured 1st rank in Powerlifting Tournament, GTU Inter College Tournament.



Youth Festival

- **Raju Nanalal Purbia, Hardik Limbachiya and Parth Rana from Computer Department at Youth festival and secured 2nd position.**

- **Dev Umeshbhai Dange , student of 3rd year, Computer Engineering Department, secured 2nd position in the "Cross Country" Tournament in Spirit-2022, organized by GTU.**

Mechanical Department & Civil Department

GDEC MECHATRON

Team Members: Jay Lad, Tapan Parsi, Bhavin Mistry, Vraj Desai, Jinal Lad, Sandhya Tandel
Team Mentor: Dr. Dilip. C. Patel, Prof. Hariketan B. Patel
Venue: National Institute of Engineering and Technology, Greater Noida

Short Term Training Programme /Faculty Development Programme (FDP) /Workshop/ Conference Attended by Faculty				
Sr. No.	Faculty Name	Event Name	Organized by	Month/Year
Automobile Engineering Department(02)				
1	Prof. Sunil R. Khokhar	Effects Of EV On Vehicle Dynamics	Elite Techno Groups	16th April, 2022
2	Prof. Mayur J. Jalanapurkar	Advancement In Tribology For Sustainability	Sponsored By DST-SERB, Goi, Organized By Dept. Of Mech. Engg. NIT Warangal,	26-27th August 2022
3	Prof. Toral V. Patel	Battery Cell Technology Challenges And Trends	OSTFALIA UNIVERSITY GERMANY	19-20th November,2022
4	Prof. Mayur J. Jalanapurkar	56th Online Faculty Development Program For Design Engineering (Level 1)	Centre Of Industrial Design In Association With Design Innovation Centre-GTU	14-18 February, 2022
5	Prof. Kenal D. Tandel	Module 5: Technology Enabled Learning And Life Long Self Learning	AICTE & NITTT	Febraury - March 2022
6	Prof. Mayur J. Jalanapurkar	Module 7_ Creative Problem Solving, Innovation And Meaningful R & D	AICTE & NITTT	Febraury - March 2022
7	Prof. Mayur J. Jalanapurkar	Module 8_ Institutional Management & Administrative Procedures	AICTE & NITTT	Febraury - March 2022
8	Prof. Ashish Omprakash Jain	Design, Drafting And Analysis Of Industrial Piping System	Online Fdp By Gdec, Abrama -Navsari With Aicte-Gtu Sponsored	21-26 March, 2022
9	Prof. Sunil R. Khokhar	Design, Drafting And Analysis Of Industrial Piping System	Online Fdp By Gdec, Abrama -Navsari With Aicte-Gtu Sponsored	21-26 March, 2022
10	Prof. Ashish O. Jain	Structural Analysis Of Nano-materials	Swayam Fdp By Iit-Roorkee	July-August, 2022
11	Prof. Ashish O. Jain	Brief Introduction To Psychology	Swayam Fdp By Iit-Kanpur	July-August, 2022
12	Prof. Mayur J. Jalanapurkar	Matlab And Its Applications In Engineering And Research	Self-Sponsored Sttp, Organized By Dept. Of Chemical Engg. Svnit Surat.	26– 30, September, 2022
13	Prof. Mayur J. Jalanapurkar	Solar, Wind And Bio Energy Applications	Nitttr, Chennai	17-22 October, 2022
14	Prof. Mayur J. Jalanapurkar	Refresher Course On Energy, Thermal & Automobile Technology	Nitttr, Chennai	28 Nov. - 2 Dec, 2022
Civil Engineering Department (06)				
15	Prof. Nilesh Parmar	Workshop On Facilitation Of The Gram Panchayat	Unnati, Ahmedabad And SVNIT UBA Cell	2022
16	Prof. Nilesh Parmar	One Day Webinar On Performance Based Specification For Concrete Structure	Ultratech Cement Ltd & Indian Concrete Institute	2022
17	Prof. Sunil Jaganiya	One Day Wabinar On “Structural Audit, Repair, Rehabilitation & Retrofitting Of Buildings: Process & Methodologies”	Ultratech Cement Ltd & Indian Concrete Institute	29th January 2022.
18	Prof. Sunil Jaganiya	One Day Wabinar On "Achieving Comfort For All - Without Energy Depletion"	Ultratech Cement Ltd & Indian Concrete Institute	19th February 2022
19	Prof. Sunil Jaganiya	One Day Wabinar On “Developing Sustainable & Durable Concrete With Plastic Waste”	Ultratech Cement Ltd & Indian Concrete Institute	05th March 2022

Sr. No.	Faculty Name	Event Name	Organized by	Month/Year
20	Prof. Sunil Jaganiya	One Day Wabinar On "Global Trends In Sustainable Design Of Transport Infrastructure"	Ultratech Cement Ltd & Indian Concrete Institute	09th April 2022
21	Prof. Sunil Jaganiya	One Day Wabinar On "Durability And Microstructure Of Concrete"	Ultratech Cement Ltd & Indian Concrete Institute	24th December 2022
22	Prof. Rajan Lad	One Day Wabinar On"The Critical Foundation Of Signature Bridge, Delhi"	Ultratech Cement Ltd & Indian Concrete Institute	20th August 2022
23	Prof. Rajan Lad	One Day Wabinar On"Monitoring The Lifecycle Of Concrete Structure Using Piezo Sensors"	Ultratech Cement Ltd & Indian Concrete Institute	27th August 2022
24	Prof. Rajan Lad	One Day Wabinar On"Forensic Engineering – Concept And Cases"	Ultratech Cement Ltd & Indian Concrete Institute	17th September 2022
25	Prof. Rajan Lad	One Day Wabinar On"Precast Technology In Construction: Benefits, Challenges & Potential Solutions"	Ultratech Cement Ltd & Indian Concrete Institute	1st October 2022
26	Prof. Rajan Lad	One Day Wabinar On"Crack Prevention Techniques For RCC Slabs"	Ultratech Cement Ltd & Indian Concrete Institute	15th October 2022.
27	Prof. Krutika Chauhan	One Day Wabinar On"Crack Prevention Techniques For RCC Slabs"	Ultratech Cement Ltd & Indian Concrete Institute	15th October, 2022
28	Prof. Krutika Chauhan	One Day Wabinar On"The Critical Foundations Of Signature Bridge Delhi"	Ultratech Cement Ltd & Indian Concrete Institute	20th August, 2022
29	Prof. Krutika Chauhan	One Day Seminar On "Emerging Technologies For Sustainable Development"	SVNIT, Surat	23rd July 2022.
30	Prof. Jaldip J Patel	One Day Wabinar On"Short Panel Concrete Pavement"	Ultratech Cement Ltd & Indian Concrete Institute	30th April 2022
31	Prof. Jaldip J Patel	One Day Wabinar On"Monitoring The Lifecycle Of Concrete Structure Using Piezo Sensors"	Ultratech Cement Ltd & Indian Concrete Institute	27th August 2022
32	Prof. Jaldip J Patel	One Day Wabinar On "Crack Prevention Techniques For RCC Slabs"	Ultratech Cement Ltd & Indian Concrete Institute	15th October 2022
33	Prof. Jaldip J Patel	One Day Wabinar On "Relevance & Importance Of ESG For Sustainable Development Goals Of Organization"	Ultratech Cement Ltd & Indian Concrete Institute	3rd September 2022
34	Prof. Mittal Wadia	One Day Wabinar On"Self-Compacted Concrete And Speciality Products"	Ultratech Cement Ltd & Indian Concrete Institute	24th December 2022
35	Dr. Bhavin Patel	Online Paper Published Orientation Training Programme For Mentors	National Initiative For Technical Teachers Training	7th to 11 February 2022
36	Prof. Nilesh Parmar	3 Days Online Advanced Course On "Microstructural Characterization Techniques And Mix Design Of Special Concretes"	CSIR-SERC, Chennai	2022
37	Prof. Nilesh Parmar	An International Conference On "Smart Environment Management And Solutions"	ICEMS	2022

Sr. No.	Faculty Name	Event Name	Organized by	Month/Year
39	Prof Sunil Jaganiya	12 Week Online Advanced Course of "Retrofitting And Rehabilitation of Civil Infrastructure"	NPTEL	Apr-22
40	Prof Pritesh Rathod	12 Week Online Advanced Course of "Retrofitting And Rehabilitation of Civil Infrastructure"	NPTEL	May-22
41	Prof. Rajan Lad	4 Week Online Advanced Course of "Schedule Techniques in Projects"	NPTEL	Jan-Feb 2022
42	Prof. Krutika Chauhan	4 Weeks Online Certification Course if Geotechnical Engineering Laboratry	NPTEL	July-August, 2022
43	Prof. Hemina Patel	Emerging Trends in Structural Equation Modeling & Time Series	Rest Society For Research International (Rsri) Krishnagiri, Tamil Nadu	May-22
Computer Engineering Department(07)				
44	Prof. Pankti Naik	FDP on "Computer System Design"	AICTE Training and Learning (ATAL) Academy	03/01/2022 To 07/01/2022
45	Prof. Brijesh Patel	STTP on "Blockchain Technology And Its Applications	CGPIT, UTU	1-5 November, 2022
Electrical Engineering Department(09)				
46	Prof.Ankur P Desai	Webinar: Fundamentals Of Etap Software	Unified Systems, Lucknow	25 Nov-2022
47	Prof.Ankur P Desai	Webinar:Accelerate Xev Motor Drive Ecu Development And Testing With Hil	Typhoon Hil	13 Dec-2022
48	Prof.Ankur P.Desai	Sttp :- Digital Signal Processor: An Introduction With Code Composer Studio And Psim Software	SVNIT, Surat	14 to 24 April-2022
49	Prof.Jay R. Desai	Fdp :- Machine Learning, Deep Learning And Visualization	Gujarat Power Engineering & Research Institute (Gperi)	21-28 March -2022
50	Prof.Dhruvang R. Gayakwad	Advanced In Renewable Energy And Electrical Vehicles	NIT Silchar	26-30 March -2022
Mechanical Engineering Department(19)				
51	Prof. Hariketan B. Patel	4 Credit Course on Academic Writing	Swayam Online Courses	Feb-22
52	Prof. Dharmikkumar A. Patel	56th Online Faculty Development Program for Design Engineering (Level 1)	Center of Industrial Design in Association With Design innovation Centre Gujarat Technological University	14 to 18 February 2022
53	Prof. Akash A. Patel	56th Online Faculty Development Program for Design Engineering (Level 1)	Center of Industrial Design n Association with Design Innovation Centre Gujarat Technological University	14 to 18 February 2022
54	Prof. Dhavalkumar S. Chaudhari	56th Online Faculty Development Program for Design Engineering (Level 1)	Center of Industrial Design in Association with Design Innovation Centre Gujarat Technological University	14 to 18 February 2022
55	Prof. Bharat H. Gajera	NITTT Module 1_ Orientation Towards Technical Education and Curriculum Aspects	National Institute of Technical Teachers Training	Feb-22

Sr. No.	Faculty Name	Event Name	Organized by	Month/Year
56	Prof. Hitesh C. Rana	NITTT Module 1_ Orientation Towards Technical Education and Curriculum Aspects	National Institute of Technical Teachers Training	Feb-22
57	Prof. Dharmikkumar A. Patel	NITTT Module 1_ Orientation Towards Technical Education and Curriculum Aspects	National Institute of Technical Teachers Training	Feb-22
58	Prof. Bharat H. Gajera	NITTT Module 2_ Professional Ethics & Sustainability	National Institute of Technical Teachers Training	Feb-22
59	Prof. Hitesh C. Rana	NITTT Module 2_ Professional Ethics & Sustainability	National Institute of Technical Teachers Training	Feb-22
60	Prof. Dharmikkumar A. Patel	NITTT Module 2_ Professional Ethics & Sustainability	National Institute of Technical Teachers Training	Feb-22
61	Prof. Bharat H. Gajera	NITTT Module 3_ Communication Skills, Modes & Knowledge Dissemination	National Institute of Technical Teachers Training	Feb-22
62	Prof. Hitesh C. Rana	NITTT Module 3_ Communication Skills, Modes & Knowledge Dissemination	National Institute of Technical Teachers Training	Feb-22
63	Prof. Bharat H. Gajera	NITTT Module 4_ Instructional Planning And Delivery	National Institute of Technical Teachers Training	Feb-22
64	Prof. Hitesh C. Rana	NITTT Module 4_ Instructional Planning And Delivery	National Institute of Technical Teachers Training	Feb-22
65	Prof. Dharmikkumar A. Patel	Module 5_ Technology Enabled Learning And Life-Long Self-Learning	National Institute of Technical Teachers Training	Feb-22
66	Prof. Akash A. Patel	Module 5_ Technology Enabled Learning And Life-Long Self-Learning	National Institute of Technical Teachers Training	Feb-22
67	Prof. Dharmikkumar A. Patel	NITTT Module 6_ Student Assessment And Evaluation	National Institute of Technical Teachers Training	Feb-22
68	Prof. Akash A. Patel	NITTT Module 6_ Student Assessment And Evaluation	National Institute of Technical Teachers Training	Feb-22
69	Prof. Bharat H. Gajera	Online Faculty Development Programme On Design, Drafting, And Analysis Of Industrial Piping System	AICTE-GTU at GDEC	21st to 26th March 2022
70	Prof. Hitesh C. Rana	Online Faculty Development Programme On Design, Drafting, And Analysis Of Industrial Piping System	AICTE-GTU at GDEC	21st to 26th March 2022
71	Prof. Dharmikkumar A. Patel	Online Faculty Development Programme On Design, Drafting, And Analysis Of Industrial Piping System	AICTE-GTU at GDEC	21st to 26th March 2022
72	Prof. Akash A. Patel	Online Faculty Development Programme On Design, Drafting, And Analysis Of Industrial Piping System	AICTE-GTU at GDEC	21st to 26th March 2022
73	Prof. Krunal A Hathiwala	Online Faculty Development Programme On Design, Drafting, And Analysis Of Industrial Piping System	AICTE-GTU at GDEC	21st to 26th March 2022
74	Prof. Dhavalkumar S. Chaudhari	Online Faculty Development Programme On Design, Drafting, And Analysis Of Industrial Piping System	AICTE-GTU at GDEC	21st to 26th March 2022
75	Prof. Hariketan B. Patel	Online Elementary FDP On "Sustainable Green Composites: Design, Manufacturing And Characterization"	AICTE Training and Learning (ATAL) Academy at NIT Meghalaya	9th to 13th August 2022

Sr. No.	Faculty Name	Event Name	Organized by	Month/Year
76	Prof. Akash A. Patel	NITTT Module 2_ Professional Ethics & Sustainability	National Institute of Technical Teachers Training	Jul-22
77	Prof. Bharat H. Gajera	NITTT Module 5_ Technology Enabled Learning and Life -Long Self Learning.	National Institute of Technical Teachers Training	Jul-22
78	Prof. Hitesh C. Rana	NITTT Module 5_ Technology Enabled Learning and Life -Long Self Learning.	National Institute of Technical Teachers Training	Jul-22
79	Prof. Bharat H . Gajera	NITTT Module 6_ Student Assessment and Evaluation	National Institute of Technical Teachers Training	Jul-22
80	Prof. Bharat H . Gajera	NITTT Module 7_. Creative Problem Solving , Innovation and Meaningful R & D	National Institute of Technical Teachers Training	Jul-22
81	Prof. Hitesh C. Rana	NITTT Module 7_. Creative Problem Solving , Innovation and Meaningful R & D	National Institute of Technical Teachers Training	Jul-22
82	Prof. Dharmikkumar A. Patel	NITTT Module 7_. Creative Problem Solving , Innovation and Meaningful R & D	National Institute of Technical Teachers Training	Jul-22
83	Prof. Akash A. Patel	NITTT Module 7_. Creative Problem Solving , Innovation and Meaningful R & D	National Institute of Technical Teachers Training	Jul-22
84	Prof. Bharat H . Gajera	NITTT Module 8_. Institutional Management & Administrative Procedures	National Institute of Technical Teachers Training	Jul-22
85	Prof. Hitesh C. Rana	NITTT Module 8_. Institutional Management & Administrative Procedures	National Institute of Technical Teachers Training	Jul-22
86	Prof. Dharmikkumar A. Patel	NITTT Module 8_. Institutional Management & Administrative Procedures	National Institute of Technical Teachers Training	Jul-22
87	Prof. Akash A. Patel	NITTT Module 8_. Institutional Management & Administrative Procedures	National Institute of Technical Teachers Training	Jul-22
88	Prof. Daksh R. Tandel	8 Week Online Course on " Introduction to Research"	NPTEL	Aug- Oct 2022
Applied Sciences and Humanities Department				
89	Prof. Aakash N. Patel	International Conference on Functional Materials and Applied Physics (FMAP-2022)	SVNIT, Surat	14 & 15 Oct, 2022
Library				
90	Mrs. Priyanka S Kher	Enabling Innovation in 21st Century Insts: the Tech Stack Strategies for Libraries by Dr.M.G.Sreekumar.	DELNET (Developing Library Network)	24th Jan 2023

Research Paper Presented in Conferences/Published in Journals by Faculty

Sr No.	Faculty Name(s)	Title of Paper	Journal/ Conference	Month/Year
Automobile Engineering Department				
1	Prof. Toral V. Patel	Heat Transfer Investigation of Shock Absorber Test Rig with Different Damping Fluid.	International Journal of Mechanical Engineering	February, 2022
2	Prof. Ankit K. Patel	Heat Transfer Investigation of Shock Absorber Test Rig with Different Damping Fluid.	International Journal of Mechanical Engineering	February, 2022
3	Prof. Mayur J. Jalanapurkar	Heat Transfer Investigation of Shock Absorber Test Rig with Different Damping Fluid.	International Journal of Mechanical Engineering	February, 2022
4	Prof. Ashish O. Jain	The Effect of Temperature and Frequency on the Tribological properties of Cylinder Liner Materials Cast Iron and AA6061-T6 on Piston Ring Liner Assembly.	Dickensian Journal	May, 2022
5	Prof. Toral V. Patel	CFD Analysis of Shell and Tube Heat Exchanger by Changing Geometrical Shape of Baffles.	Indian Journal of Natural Sciences	October, 2022
6	Prof. Ankit K. Patel	CFD Analysis of Shell and Tube Heat Exchanger by Changing Geometrical Shape of Baffles.	Indian Journal of Natural Sciences	October, 2022
7	Prof. Sunil R. Khokhar	Construction and Design of Safer Braking System for Automatic Transmission	Indian Journal of Natural Sciences	February, 2023
8	Prof. Ankit K. Patel	Construction and Design of Safer Braking System for Automatic Transmission	Indian Journal of Natural Sciences	February, 2023
Civil Engineering Department				
9	Dr. Bhavin Patel	Finite Element Modeling of an Embankment Seated on Pervious Concrete– Stone Column	Australian Geomechanics Journal Volume 57,Number 2	Jun-22
Computer Engineering Department				
10	Prof. Bhumika H. Patel, Prof. Hetal M. Patel	Cloud Security in a Multi-Tenant Environment	Stochastic Modeling and Applications	May 2022
11	Prof. Bhumika H. Patel, Prof. Hetal M. Patel	Data Mining Algorithms Based on the Clustering Technique	Stochastic Modeling and Applications	May 2022
12	Prof. Bhumika H. Patel, Prof. Hetal M. Patel	Smart Grid Network: Threats, Vulnerabilities, and Security	Stochastic Modeling and Applications	May 2022
13	Prof. Brijesh Patel	Localization Error Analysis on Wlan Finger Printing Indoor Positioning System with Different Approaches	Indian Journal of Natural Sciences	June 2022
14	Prof. Kaushik Patel	Analyse Various Anomaly Detection Technique in Video Surveillance System with Different Approaches	Indian Journal of Natural Sciences	August 2022
15	Prof. Archana Nayak	An Effective Demand Based Optimal Route Generation in Transport System Using Dfcm and Abso Approache	International Journal of Advanced Computer Science (Web Of Science And Scopus Indexed Journal)	June 2022

Sr No.	Faculty Name(s)	Title of Paper	Journal/ Conference	Month/Year
16	Prof. Archana Nayak	Intelligent Passenger Demand Prediction Based Re-Routing for Comfort Perception in Public Bus Transport Systems	International Journal Of Communication Publisher Wiley-Blackwell (Scopus Indexed Journal	September 2022
17	Prof. Archana Nayak	A Comprehensive Comparative Analysis of Passenger Demand Prediction for Improving the Urban Bus Transportation System (UBTS)	International Journal of Engineering Trends and Technology (Scopus Indexed Journal)	November 2022
Electrical Engineering Department				
18	Dr. R J Motiyani	Incidence of Computer Vision Disorder During The Covid-19 Periods	Journal of Fundamental & Comprehensive Research (UGC Care Group-I Journal)	2022
19	Dr. R J Motiyani	Employability Skills Development in an Indian Electrical Engineering Degree Programme	Journal Of The Asiatic Society Of Mumbai (UGC Care Group-I Journal)	2022
20	Dr. R J Motiyani	Innovative Human Resource Practices and Organizational Success	UGC Care Group-I Journal of Management & Entrepreneurship	2022
21	Prof. Bhavin Trivedi	Review of Different Converters Used with Different Control Strategies in Electric Vehicles for Battery Charging	International Conference GTU Icon 2022	20 to 23 Sept 2022
22	Prof. Ankur P Desai	A Novel Practical Approach to Identify Equivalent Circuit Parameters of Six-Phase Asymmetrical Induction Motor	Scopus Index	2 Nov 2022
23	Prof. Ankur P Desai	An Investigation of Direct Torque Control for a Six-Phase Asymmetrical Induction Motor	Scopus Index	24-26 Nov,2022
24	Prof. Ankur P Desai	Experimental Realization of a Novel 48-Sector Space Vector Decomposition-Based Svpwm Technique For A Six-Phase Two-Level Vsi-Fed Six-Phase Asymmetrical Induction Motor	Scopus Index	13 Feb,2023
25	Prof. Ankur P. Desai	"A New 48-Sector Space Vector Decomposition based SVM-DTC for Performance Improvement of Direct Torque Controlled Six-Phase Asymmetrical Induction Motor Drive"	Springer Nature, Indexing in SCI, Scopus, UGC Care List (India), SCImago, EI Compendex	Feb-23
Mechanical Engineering Department				
26	Dr. D.C. Patel	"Fatigue Life Estimation of Miter Bend"	International Conference On Recent Developments in Mechanical Engineering – ICRDME	24-25 June-2022
27	Prof. Hariketan B. Patel, Prof. (Dr.) H. S. Patil	"Tribological Performance Based Machinability Investigations of Al_2O_3-Zro_2 Ceramic Cutting Tool in Dry Machining of Ti-6Al-4V Alloy"	Tribology International Journal SCI Journal (Q-1) Journal	9 July 2022

Sr No.	Faculty Name(s)	Title of Paper	Journal/ Conference	Month/Year
27	Prof. Hariketan B. Patel, Dr.(Prof.) H. S. Patil, Prof. Dhavalkumar S. Chaudhari	"Optimization of Machining Parameter in Turning of Inconel 718 Using Al_2O_3-Zro_2 Ceramic Cutting Tool"	International Conference on "Recent Advances In Materials, Manufacturing And Machine Learning (RAMMML-2022)" Organized By "Department of Mechanical Engineering, Yeshwantrao Chavan College of Engineering, Nagpur" In Association With " The Institute of Engineering (Maharastra State Centre and Nagpur Local Centre)"	26 To 27 April 2022
28	Prof. Hariketan B. Patel, Dr.(Prof.) H. S. Patil, Prof. Dhavalkumar S. Chaudhari	"Optimization of Machining Parameter in Turning of Inconel 718 Using Al_2O_3-Zro_2 Ceramic Cutting Tool"	International Conference on "Recent Advances in Materials, Manufacturing and Machine Learning (RAMMML-2022)" Organized By "Department of Mechanical Engineering, Yeshwantrao Chavan College of Engineering, Nagpur" In Association With " The Institute of Engineering (Maharastra State Centre and Nagpur Local Centre)"	26 To 27 April 2022
30	Prof. Hariketan B. Patel, Dr. Hiralal S. Patil	"Tribological Behavior and Cutting Performance of Alumina-Zirconia Ceramics Insert Under Dry Machining Of Inconel 718"	10th National Conference on Recent Developments in Mechanical Engineering [Rdme 2022] At Modern Education Society's College of Engineering, Pune, India	15 & 16 September, 2022
31	Dr. H. S. Patil , Prof. Dhaval S. Chaudhari	" A Review on Material Flow During Friction Stir Welding of Non-Ferrous Alloy"	2nd Multy-Disciplinary International Conference GTU ICON 2022 Organized by Graduate School of Engineering and Technolgy, Gujarat Technological University, ISBN: 978-81-955306-2-5	22 September 2022

Sr No.	Faculty Name(s)	Title of Paper	Journal/ Conference	Month/Year
32	Prof. Daksh R Tandel, Prof. Hariketan B Patel	"Multi-Response Optimization For Sustainable Turning Of Ti-6Al-4V Alloy Using Taguchi-DEAR Methodology"	Recent Advances In Manufacturing Modelling And Optimization, 2022, Pp. 275–288	28 April 2022
Applied Sciences and Humanities Department				
33	Dr.Harshal G. Vashi, Dr. Rakesh J. Motiyani, Dr. Bhavin G. Patel	Innovative Human Resource Practices and Organizational Success	Journal Of Management & Entrepreneurship	2022
34	Dr.Harshal G. Vashi, Dr. Rakesh J. Motiyani, Dr. Bhavin G. Patel	Incidence Of Computer Vision Disorder During The Covid-19 Periods	Journal of Fundamental & Comparative Research	2022
35	Dr.Harshal G. Vashi, Dr. Rakesh J. Motiyani, Dr. Bhavin G. Patel	Employability Skills Development In An Indian Electrical Engineering Degree Programme	Journal Of The Asiatic Society Of Mumbai	2022
36	Prof. Aakash N. Patel	Ultrasonic three dimensional scanner	International Conference on Functional Materials and Applied Physics organised by SVNIT, Surat (FMAP-2022)	14 & 15 Oct, 2022

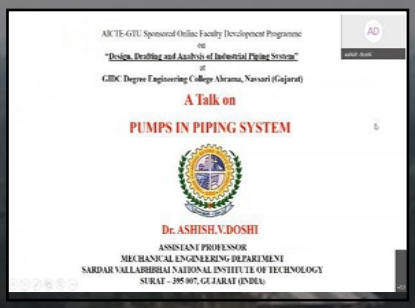
Memorandum of Understanding

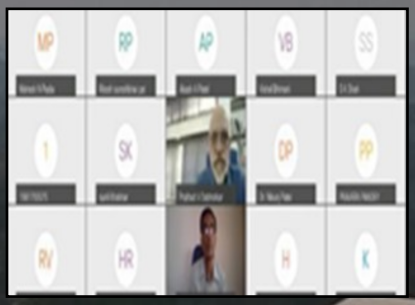
- The Government of Gujarat (Government Polytechnic, Navsari)
- Government Polytechnic, Waghai
- Sona Extrusion Pvt. Ltd. Plot 470,471 &472 New GIDC Kabilpor, Navsari, 396424, Gujarat.
- Tucson Hydro control Pvt. Ltd., Umbergaon, Gujarat

Short Term Training Programme /Faculty Development Programme (FDP) / Workshop/Conference Organised at Institute

Online Faculty Development Programme on
Design, Drafting and Analysis of Industrial Piping System
Jointly Sponsored by GTU and AICTE
(21.03.2022 - 26.03.2022)

Mechanical Engineering Department of GIDC Degree Engineering College, Navsari has conducted online FDP on "Design, Drafting and Analysis of Industrial Piping System" under the aegis of GTU and AICTE during 21.02.2022 to 26.03.2022. The eminent speakers from premier national institutes and industries were invited for the 6 Days FDP programme. Dr. Rajesh Kahjuria and Dr. Sunil Somani was invited as Chief Guest of the inaugural function, they shared their views on the need for comprehensive, constant, rigorous faculty development program in a dynamic, disruptive technological teaching-learning ecosystem, changing trends, and translating academic research into impactful applications. The session was also addressed by Dr. N. D. Sharma [Principal, GIDC Engineering College]. More than 50 participants along with institute faculty members had attended the online inaugural function. The objective of this FDP was to offer a common platform to researchers from academic institutes, R & D organization and industry working in different mechanical and its sub domains. Upon completion of this course the participant would be able to perform piping design, piping stress calculations and drafting, perform manual pipe stress calculations using formulae, graphs, and charts.





Two week training program on "Value Adding Course on Solidworks

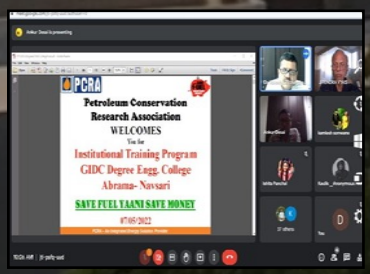
Mechanical Engineering Department has successfully conducted two week training program on "Value adding Course on Solidworks" for final year students of Mechanical and Automobile Department in month of June-July 2022. Eighteen students from Mechanical and Automobile Department have participated in training course. Training program was coordinated by Dr. D. C. Patel, Prof. Hariketan B. Patel, Prof. Hitesh C. Rana and Prof. Akash A. Patel. In this training program students learned about Basics of Autocad, Solidworks sketch modelling, Advanced Part Modelling, Advanced Assembly Modelling, Solidworks Surface Modelling, Solidworks Sheet Metal, Solidworks Mould Design, Solidworks Weldments, Solidworks Drawings, Solidworks Motion Simulations, Solidworks FEA Simulations and Solidworks Flow Simulations.

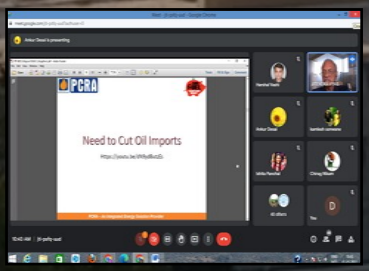
Seminar on Ansys Workbench

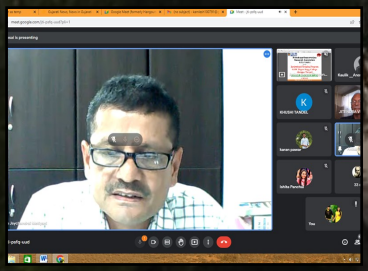
Seminar on ANSYS WORKBENCH was organized by Mechanical Engineering Department on 21st September 2022 for students of mechanical engineering department. Detail information of ANSYS WORKBENCH software was given by speaker Mr. Deepak Kundaram from Khodiyar CAD center, Surat. Introduction to Computer Aided Engineering, Introduction to ANSYS WORKBENCH, Static structural Analysis, Application of ANSYS in different field etc. were discussed in seminar by expert. Around 50 students participated in this Seminar. Here are some images from seminar.

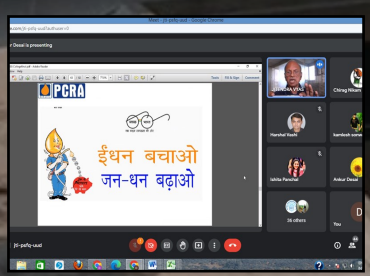
Online Workshop on "Energy Conservation Awareness" Sponsored by Petroleum Conservation Research Association (PCRA)

Department of Electrical Engineering organized a one day online workshop on Energy Conservation Awareness. The workshop is sponsored by Petroleum Conservation Research Association (PCRA) which is a registered society setup under the aegis of ministry of Petroleum and Natural GAS, Govt. of India. Prof. Ankur P Desai, Assistant Professor welcomed Mr.Jitendra Vyas, External Faculty, PCRA (WR) and then Prof.(Dr.) Rakesh J Motiyani gave brief informations of the workshop and also gave introduction to expert of the workshop. Mr.Jitendra Vyas sir explained about the global scenario of energy of World,the scenario of Energy of India,type of energies,the needs of energy conservation and various solutions and tips.The workshop was very fruitful and informative to participants who attended the workshop.At end of session,a vote of thanks speech was given by Prof.Ankur P Desai. The workshop was impossible without the efforts and valuable inputs from faculties of department. Dr.N.D.Sharma, Principal Sir was very helpful to us. As a principal, he has inspired us to arrange workshops to students. Not only does that permit workshops, but his academic guidance, fairness, and responsiveness to kind of queries also remain him a role model, thereof we are extending our gratitude to Dr.N.D.Sharma, Principal Sir. Dr.Rakesh.J.Motiyani, H.O.D. of the Electrical Engineering Department was faithful to us, he is also always ready for solving the problem related to academics. He has injected us with the familiarity and methodology of planning of workshop. thereof we are extending our gratitude to Dr. Rakesh .J. Motiyani.



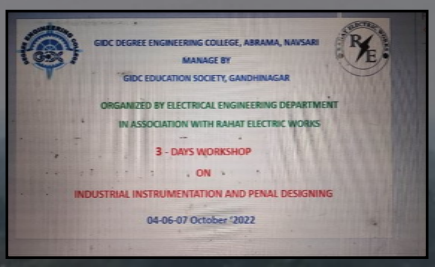






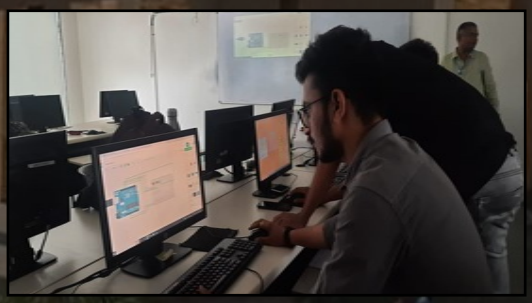
Three Days hands on Workshop on Industrial instrumentation & Panel designing

The Electrical Engineering Department of GIDC Degree Engineering College, Navsari organized the three days' workshop on "Industrial instrumentation & Panel designing" from 4th, 6th& 7thOctober 2022in association with RAHAT ELECTRIC WORKS. It was coordinated by Prof. Dhaval Patel, Prof. Ketan Lad and Mr.KamleshSonwane.Total 81 students of 5th and 7th semester were participated in this workshop. Mr. Ayub sheikh and Mr. Yakub sheikh Rahat electric works explained different instrumentsand its wiring used in industry. He also explained panel designing and PLC ladder programming in this workshop. The workshop will be benefited the students. It will help them when they will appear in industrial job, as well as become an entrepreneur in area of electrical engineering.



Two-Day Workshop on "Arduino and its Applications

The Electrical Engineering Department of GIDC Degree Engineering College, Navsari organized the two-day workshop on "Arduino and its Applications" from 17th to 18th Oct-2022. It was coordinated by Prof. Ankur Desai, Prof.Bhavin Trivedi, Prof.Khyati Naik, Mrs. Chetana Patel, Mrs. Apexa Desai, and Mr.Kamlesh Sonwane under the guidance of Prof.(Dr.) Rakesh Motiyani, H.O.D. of department. A total of 40 students participated with enthusiasm.Prof.Ankur Desai discussed the basic programming of Arduino, Interfacing with various sensors i.e. gas sensor, temperature sensor, PIR sensor, etc, with Arduino. He also explained the different applications using Arduino. Students also performed the same with the online simulator and solved the various problems Prof. Ankur Desai gave. The workshop will be benefited the students. It will help them in the subject of design engineering to develop working prototypes.



Science Fair-2022

Throughout the year 2022 GIDC Degree Engineering College has witnessed various technical as well as creative events. And Science fair, "AAVISHKARAM" was one of them. As Navsari district level "Science, Mathematics and Environment-2022" - science fair was hosted by GIDC Degree Engineering College in the campus on 28th and 29th December, 2022. It was organized at GDEC with the continuous help, co-ordination and guidance of sponsoring authorities G.C.E.R.T.,Gandhinagar; Principal Shri Dr. Yogeshbhai K. Patel, Shri Hirenbhai Vyas from District Institute Of Education & Training, Navsari; Dr. Rajeshri L. Tandel, District education officer, Navsari; Dr. Bhagirathsinh S. Parmar, District Primary Education Officer, Navsari; Shri Rohitbhai Desai, Shri Bharatbhai Naik, Pradyuman bhai, Swaminarayan School, Italva; GIDC Education Society Gandhinagar, and Prinicipal Dr. Hiralal S Patil from GIDC Degree Engineering College. Prof. Dr. Shailesh Patel, Head of ASH Department; Prof Archana Nayak, Head of Computer Department and Prof. Vikunj Tilva from Civil Engineering Department seized the opportunity to organize Science fair in our Institute with their endless efforts.

In the inauguration Ceremony, President of the event-Shri. Bhikhubhai Ahir. Hon. President of Navsari Jilla Panchayat; Inaugurator- Shri R C Patel – Hon. MLA of Jalalpore constituency; . Chief guest- Shri Rakeshbhai Desai - Hon. MLA of Navsari constituency; Guests of Honour -Smt. Darshanaben Patel, Hon. President of Jilla Panchayat Shikshan Samiti;. Smt. Roshaniben Patel, Hon. President of Taluka Panchayat, Jalalpore; Smt Linakumari Patel, Hon. Sarpanchshri of Abrama, Jalalpore; Smt. Harsha ben Naik and Shri. Sanjaybhai Desai, Hon. trustee members of GIDC Education Society also gave their precious time from busy schedule and made this event more delightful with their blessings. To make it successful and to make it reach at sky limit various committees were organized. GDEC staff members, Prof. Dhaval. Patel Prof. Pritesh Rathod, Prof. Daksh Tandel, Mr. Divyesh. Patel, Mr. Parimal Patel, Mr. Kamlesh Sonwane, Mr. Ismail Sayied, Mr. Nikunj Chaudhari, Prof. Akash. Patel, Prof. Mayur Jalanpurkar, Prof. Arjun Patel, Prof. Hetal Patel, Prof. Ishita Panchal, Mr. Hitesh Patel, Ms. Apeksha Desai, Ms. Amruta Naik, Ms. Chetna Patel, Ms. Anita Patel, Mr. Gautam Deshmukh, Mr. Bhavin. Patel, Prof. Sunil Jaganiya, Prof. Ankit Patel, Prof. Sunil Khokhar, Prof. Bhavesh Patel, Mr. Bhavesh Tandel, Mr. Kiran Nayka, Mr. Bhavin M. Patel, Prof. Mihir Mishra, Prof. Kushal Patel, Prof. Jay Desai, Prof. Dharmik Patel, Prof. Rajan Lad, Prof. Hemina Patel, Prof. Aakash Patel, Mr. Brijesh Patel, Mr. Dixit Patel, Ms. Foram Patel, Mr. Himanshu Patel, Mr. Harish Patel, Dr. Harshal Vashi, Prof. Nilesh Parmar, Prof. Toral Patel, Prof. Bhumika Patel, Prof. Khyati Naik, Prof. Abhishek Sapre, Prof. Ashish Jain, Prof. Hariketan Patel, Prof. Pankti Naik, Prof. Brijesh Patel, Prof. Kaushik Patel, Prof. Jaldip Patel, Prof.Krutika Chauhan, Prof. Mittal Wadia, Ms. Priyanka Kher, Ms. Jigna Desai actively participated in it. Apart from this more than 70 GDEC students gave their whole hearted dedication for making this event successful by making attractive decorations, maintaining discipline and many more; The efforts were made to boost the knowledge of students by hording the posters of scientists, researchers as well as various science models. They were exhibited in the gallery; which were contributed by M.N.N. Higher Secondary School, Kharel. It was the third time that GIDC Degree Engineering College had organized such successful event in the campus. Earlier Avishkaram was organized with huge success.

The event was started with lamp lightening ceremony and followed by prayer, welcome speech by Prinicipal Dr. Hiralal S Patil, floral welcome of the guests, motivational speech by respected guests, and inauguration of the event by respected chief guest Shri R C Patel. This opening ceremony was ended with the vote of thanks by Prof. Dr. Shailesh S Patel.

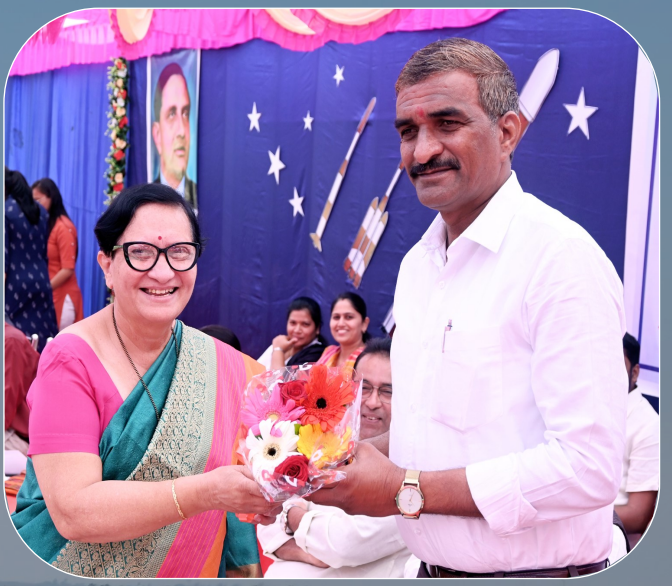
"आविष्कार"

જિલ્લા કક્ષાના
વિજ્ઞાન, ગણિત અને પર્યાવરણ પ્રદર્શન-૨૦૨૨
નું આયોજન કરવા બદલ
જી.આઈ.ડી.સી.ટીબી એન્જીનીયરીંગ કોલેજ,અમ્રામાંને
સ્મૃતિ ભેટ
તા: ૨૮ થી ૩૦ ડિસેમ્બર ૨૦૨૨

There were 60 project entries in this science fair. The Entries were discriminated into two categories. In higher secondary there were 30 entries and in secondary also there were 30 entries. All of the future scientists had represented there ideas into five categories namely 1) Advancement in in information and Communication Technology 2) Eco friendly material 3) Health and cleanliness 4) Transport and innovation historical development with current innovation 5) Mathematics for us. All of young scientists were from Navsari district only. These young scientist made very creative and helpful projects for the society; as the theme of the science fair was based on "Science, Mathematics and Environment." It was really helpful to enrich the knowledge of society. They all were the best but as a part of procedure the winners had to be chosen; so to jugde them 10 judges from various institutes were invited.

All the young scientist got recognition for their innovation with trophy and certification. This science fair got very nice response by having more than 1500 teachers, students and parents companions. All the visitors were even gifted with some special kits. Students kits were given to students and teachers were having their separate specialized kits. Expert lectures were organized in the college at various places to enhance the knowledge of teachers. All of the visitors were taken care through out the day for their needs. All the required facilities were provided by the Institute. The participants and teachers were served with tasty breakfast and lunch.

GIDC
DEGREE ENGINEERING
COLLEGE
APPROVED BY AICTE
AND AFFILIATED TO GTU
BACHELOR OF ENGINEERING
CIVIL
MECHANICAL
ELECTRICAL
COMPUTER
AUTO OBLE



Report on National Level Tech-Fest UDAAN-2022

National Level Tech-Fest UDAAN Sky has no Limit -2022 a technical event took place in GDEC on 11th& 12th, April 2022 at GIDC Degree Engineering College (GDEC). The ceremony was followed by the lamp lightening and felicitation with plants.

Convener Dr. H. S. Patil conveyed the inaugural address and welcomes the invited dignitaries of the function. In his address he said that tech fest play the major role to improve students creativity, team building and leadership abilities, practical experience and hence personality development by showcasing their inherent talents and also he appealed the students to make the use of maximum benefit from this kind of platforms by participating in large numbers to enrich their knowledge and to become excel in their career. Lastly he summarizes various events held in two days.

Principal, Dr. N. D. Sharma has welcomed the invited guests and briefed about the institute growth in academic as well as curricular activity in his inaugural address. He also summaries the guest about various grant received by the institute from GUJCOST for design lab and SSIP for Start up and innovation. In addition, he motivated the students for the maximum participation in the each event of the Udaan.

Trustee member Smt.Harshaben H. Naik inspired students to grow their skills by being Inquisitive about new technologies and encourage students to innovate newer things that benefits to all. He motivated students to achieve their goal in their life.

The Guest of Honour Mr.Sudhir Naik CEO Technofab ltd. Navsari, emphasis on quality of education and encourage them to come out of defined circle by innovation. He made familiar the student with current scenario of industry requirement of engineers in industry.

The Guest of Honour Mr.Shrikrishna Rishwadkar General Manager, Thesis Ltd. Navsari, advised to follow the path of Hardwork than there is no need of motivational speech for success.

The Guest of Honour Mr.Hindustani Modi CEO Goldenmace IT Solutions Navsari, encourage the student for right use of technology for the progress in their life.

In the vote of thanks, Dr. D. C. Patel thanked the chief guest, guest of honor and trustee members for being a part of this function.

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 –Expert speech on technical topics in each department, Innovative Prototype Development, Sherlock, Mech-Mania, Electro-Extreme, Autokriti, Technical Paper Presentation, Robot Race etc. while non-technical events were treasure hunt, ad mad, 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 1500 participants from institute as well as outside the institute participated enthusiastically.

Organizing Team

Patron	**Prof. Dr. N. D. Sharma**
Programme Convener	**Prof. Dr. H. S. Patil**
Programme Coordinators	**Dr. D. C. Patel and Prof. Archana Nayak**
Department Programme Coordinator	**Prof. Kenal Tandel (Automobile Department)** **Prof. Sunil V. Jaganiya (Civil Department)** **Prof. Kaushik S. Patel (Computer Department)** **Prof. Bhavin Trivedi (Electrical Department)** **Prof. Hariketan Patel (Mechanical Department)**

UDA'AN

UDA'AN

HYTECH

(Managed by GIDC Education Society)
Abrama, Navsari (Gujarat)

Navsari (Gujarat)
Udaan

Report on Maitri Olympiads 22

Maitri Olympiads 22 was organised by GIDC Degree Engineering College on 11th and 12th March for second, third and final year students and on 6th and 7th May 2022 for first year students.

Following sport games were organized for boys and girls individually.

- **Team event**
  1. **Volleyball – One team per class**
  2. **Kabaddi-One team per department**
  3. **Football-One team per department**
- **Doubles game**
  1. **Badminton – For boys**
  2. **Carrom -For boys and girls**
- **Singles game**
  1. **Table tennis-For boys and girls**
  2. **Chess-For boys and girls.**

GDEC in Media

GIDC ડિગ્રી એન્જિનિયરીંગ કોલેજના બે છાત્રની સિદ્ધિ

નવસારી | નવસારી GIDC ડિગ્રી એન્જિનિયરીંગ કોલેજના બે છાત્રએ ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટીમાં પ્રથમ ક્રમે આવવાની સિદ્ધિ મેળવી પ્રદેશને ગૌરવાન્વિત કર્યો છે. કોલેજના ઓટોમોબાઈલ એન્જિનિયરીંગના છાત્ર દીપાંશુ સુનિલકુમાર દુબે ગત શિયાળુ સત્રના સેમેસ્ટર-1ની પરીક્ષામાં 9.37 SPI પ્રાપ્ત કરી, સમગ્ર યુનિવર્સિટીની ઓટોમોબાઈલ એન્જિનિયરીંગ શાખામાં પ્રથમ સ્થાને રહ્યો હતો. અહીં ઉલ્લેખનીય છે કે કોલેજનો ઓટોમોબાઈલ એન્જિનિયરીંગ વિભાગ અદ્યતન સંસાધનોથી સજ્જ છે અને તકનિકી બાબતમાં સમગ્ર ગુજરાતમાં આગવું સ્થાન ધરાવે છે. કોલેજના કમ્પ્યુટર એન્જિનિયરીંગના છાત્ર રાજુ નાનાલાલ પુરબીયાએ ગત શિયાળુ સત્રના સેમેસ્ટર-3ની પરીક્ષામાં 10 SPIનું અતિ ઉત્કૃષ્ટ પરિણામ પ્રાપ્ત કરી સમગ્ર યુનિવર્સિટીમાં અને સાથે રાજ્યમાં પ્રથમ સ્થાને રહ્યો હતો. અહીં નોંધનીય છે કે તેમણે ફક્ત ગણ્યા સત્રમાં જ નહીં પરંતુ અગાઉના સત્રો સેમેસ્ટર-1 અને 2માં પણ 10 SPI મેળવી સમગ્ર રાજ્યમાં પ્રથમ સ્થાને રહેવાની જવલંત સફળતા મેળવી છે. છાત્રોએ મેળવેલી સિદ્ધિએ GIDC કોલેજનું નામ વિભાગ, પ્રદેશ અને રાજ્યમાં નામાંકિત કર્યું છે.

નવસારી GIDC ડિગ્રી એન્જિનિયરિંગ કોલેજના બે વિદ્યાર્થીઓ સમગ્ર રાજ્યમાં પ્રથમ સ્થાને

નવસારી : જીઆઈડીસી ડિગ્રી એન્જિનિયરિંગ કોલેજ નવસારીના બે વિદ્યાર્થીઓ સંપૂર્ણ ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટીમાં પ્રથમ ક્રમે આવવાની સિધ્ધિ મેળવી પ્રદેશને ગૌરવાન્વિત કર્યો છે. ઓટોમોબાઈલ એન્જિનિયરિંગના વિદ્યાર્થી દુબે દીપાંશુ સુનીલકુમાર ગત શિયાળુ સત્રના સેમેસ્ટર-૧ ની પરીક્ષામાં ૯.૩૭ એસપીઆઈ પ્રાપ્ત કરી સમગ્ર યુનિવર્સિટીની ઓટોમોબાઈલ એન્જિનિયરિંગ શાખામાં પ્રથમ સ્થાને રહ્યા હતાં. અહીં ઉલ્લેખનીય છે કે કોલેજનો ઓટોમોબાઈલ એન્જિનિયરિંગ વિભાગ પણ અદ્યતન સંસાધનોથી સજ્જ છે અને તકનીકી બાબતમાં સમગ્ર ગુજરાતમાં આગવું સ્થાન ધરાવે છે.કોમ્પ્યુટર એન્જિનિયરિંગના છાત્ર પુરબીયા રાજુ નાનાલાલ, ગત શિયાળુ સત્રના સેમેસ્ટર-૩ ની પરીક્ષામાં ૧૦ એસપીઆઈ નું અતિ ઉત્કૃષ્ટ પરિણામ પ્રાપ્ત કરી સમગ્ર યુનિવર્સિટીમાં અને સાથે સાથે રાજ્યમાં પ્રથમ સ્થાને રહ્યા હતાં. અહીં નોંધનીય છે કે તેમણે ફક્ત ગણ સત્રમાંજ નહીં પરંતુ અગાઉના સત્રો સેમેસ્ટર-૧ અને ૨ માં પણ ૧૦ એસપીઆઈ મેળવી સમગ્ર રાજ્યમાં પ્રથમ સ્થાને રહેવાની જવલંત સફળતા મેળવી છે.

દિવ્ય ભાસ્કર

નવસારી 26-04-2022

અબ્રામા જીઆઈડીસી ડિગ્રી એન્જિનિયરીંગ કોલેજનો વાર્ષિક મહોત્સવનું આયોજન

નવસારી | ગુજરાત રાજ્યની અગ્રણી પી.પી.પી. ધોરણે ચાલતી ગવર્નમેન્ટ કોલેજ, જી.આઈ.ડી.સી. ડિગ્રી એન્જિનિયરિંગ કોલેજ, અબ્રામા, નવસારી ખાતે વિદ્યાર્થીઓની આંતરિક પ્રતિભાને ઉજાગર આપવાના હેતુથી વાર્ષિક મહોત્સવ અંતર્ગત વિવિધલક્ષી પ્રવૃત્તિઓનું આયોજન કરવામાં આવ્યું હતું. આ અંતર્ગત રમત-ગમત મહોત્સવમા આશરે 1000 જેટલા પ્રતિસ્પર્ધીએ ક્રિકેટ, વોલીબોલ, ફુટબોલ, બેડમિન્ટન, ચેસ, કેરમ જેવી રમતોમાં ઉત્સાહભેર ભાગ લીધો હતો. આ ઉપરાંત કોલેજના ભુતપુર્વ વિદ્યાર્થીઓ માટે 16મી એપ્રિલે એક ડિવસીય ક્રિકેટ મેચનું આયોજન કરાયું હતું. વિદ્યાર્થીઓના તકનીકી કૌશલને પ્રોત્સાહિત કરનાર રાષ્ટ્રીય કક્ષાના કાર્યક્રમ ઉડાન-2022 અંતર્ગત ગ્રુપ ડિસ્કશન, એપ્ટિટ્યુડ ટેસ્ટ, ટેક્નિકલ ક્વિઝ, રોબો રેસ, પ્રોજેક્ટ / ઈનોવેટિવ આઈડિયા પ્રેઝેંટેશન, પી-ટુ-સ્પોર્ટ્સ, ઈલેક્ટ્રો હન્ટ, લેઝર મેઝ, લાઈવ વાયર, ઓવરહેડ્સિંગ, શેરલોક, લેન ગેમિંગ, સી.એન.સી. કોડિંગ વગેરે કાર્યક્રમોમાં 1 હજાર પ્રતિસ્પર્ધીએ ભાગ લીધો હતો. આ સાથે સાંસ્કૃતિક કાર્યક્રમો નૃત્ય, નાટક, નાટ્ય વગેરેનું વિદ્યાર્થીઓએ પ્રદર્શન કર્યું હતું. કાર્યક્રમના સમાપન મહોત્સવમાં તમામ વિજેતાને ઈનામ વિતરણ તેમજ સંસ્થાના તેજસ્વી તારલાઓનું બહુમાન કરાયું હતું. સામાજિક પ્રવૃત્તિના હેતુસર કોલેજ તથા સ્નેહતંતુ ચેરીટેબલ ટ્રસ્ટ ના સહયોગથી સંસ્થાના ઉન્નત ભારત અભિયાન સેલ દ્વારા બ્લડ ડોનેશન કેમ્પ અને વૃક્ષારોપણ કાર્યક્રમો આયોજન કરાયું હતું. આ તમામ કાર્યક્રમમાં સંસ્થાના ટ્રસ્ટીઓ હર્ષદિન નાયક, સંજયભાઈ દેસાઈ, અતિથિવિશેષ ગણ્યા તથા આચાર્ય ડો. નીરજ શર્માએ ઉપસ્થિત સૌ સહભાગીઓ તેમજ વિદ્યાર્થીઓને શુભકામના પાઠવી હતી.

અબ્રામા ડિગ્રી એન્જિ. કોલેજની ફી ઘટાડાતા વાલીઓને રાહત

પ્રથમ અને ડિપ્લોમાં પછી દ્વિતિય વર્ષના છાત્રોને ફાયદો

ભાસ્કર ન્યૂઝ | નવસારી

નવસારીના અબ્રામામાં આવેલી ગ્રાન્ટેડ ઈજનેરી કોલેજમાં ધોરણ-12 વિજ્ઞાન પ્રવાહ પછીના અભ્યાસની ફીમા ઘટાડો કરવાની જાહેરાત કરતા છાત્રો સાથે વાલીઓમાં આનંદની લાગણી છવાઈ હતી.

ગુજરાત સરકાર દ્વારા નવસારી જિલ્લામાં સરકારી તથા અનુદાનિત ઈજનેરી કોલેજ નહીં હોવાના સંજોગોમાં વિદ્યાર્થીઓને ઈજનેરી શિક્ષણની તક મળે એવા ઉમદા હેતુથી PPPના માધ્યમથી કુલ રૂ. 55 કરોડના ખર્ચથી જલાલપોર તાલુકાના અબ્રામા ગામે જીઆઈડીસી ડિગ્રી એન્જિ. કોલેજની વર્ષ-2012મા સ્થાપના કરવામાં આવી હતી. આ કોલેજમાં સિવિલ, ઈલેક્ટ્રીકલ, મિકેનિકલ, ઓટોમોબાઈલ તથા કમ્પ્યુટર એન્જિનિયરીંગના અભ્યાસક્રમો ઉપલબ્ધ છે. સરકારના ઉમદા આશયના પ્રયત્નના ભાગરૂપે જીઆઈડીસી એજ્યુકેશન સોસાયટી દ્વારા વર્ષ-2020-21થી ધોરણ-12 પછી પ્રથમ વર્ષ તથા ડિપ્લોમાં પછી દ્વિતિય વર્ષમાં સીધો પ્રવેશ મેળવનાર વિદ્યાર્થીઓ માટે સેમેસ્ટર ફી રૂ. 12500 કરી દેવાયાની જાહેરાત કરતા વાલીઓમાં આનંદની લાગણી છવાઈ છે. આ કોલેજનું ઈન્ફ્રાસ્ટ્રક્ચર, કોલેજની કેફેટી તથા ઉપલબ્ધ સાધનો અને અન્ય સવલતો જીટીયુ તથા એઆઈસીટીઈએ નક્કી કરેલા પારાશોરણો કરતા પણ ઉત્તમતા ધરાવે છે. નવસારી તથા વલસાડ જિલ્લાના કાંઠા વિસ્તારના વિદ્યાર્થી અને વાલીઓએ આ ફી ઘટાડાનો અવશ્ય લાભ લેવો જોઈએ. જલાલપોરની આ કોલેજમાં ફી ઘટાડાનો અને ઉચ્ચ શિક્ષણનો લાભ લેવા કોલેજના સંચાલકોએ અપીલ કરી છે.

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સરકાર દ્વારા ફી ઘટાડાતા વાલીઓને રાહત

ગુજરાત સરકાર દ્વારા નવસારી જીલ્લામાં સરકારી તથા અનુદાનિત ઈજનેરી કોલેજ ન હોવાના સંજોગોમાં વિદ્યાર્થીઓને ઈજનેરી શિક્ષણની ઉત્તમ તક મળે એવા ઉમદા હેતુથી PPP ના માધ્યમ થી મા.ગુજરાત સરકારશ્રી તથા જી.આઈ.ડી.સી. ગાંધીનગરના સંયુક્ત ઉપક્રમે રૂ.૫૫ કરોડથી પણ વધુ રોકાણ થી જી.આઈ.ડી.સી. ડીગ્રી એન્જી. કોલેજની સ્થાપના વર્ષ ૨૦૧૨માં જલાલપોર તાલુકાના અબ્રામા ખાતે કરી હતી.

આ કોલેજમાં સિવિલ, ઈલેક્ટ્રીકલ, મીકેનીકલ, ઓટોમોબાઈલ તથા કોમ્પ્યુટર એન્જીનિયરીંગના અભ્યાસક્રમો ઉપલબ્ધ છે. સરકારના ઉમદા આશયના પ્રયત્નના ભાગરૂપે જી.આઈ.ડી.સી. એજ્યુકેશન સોસાયટી દ્વારા વર્ષ ૨૦૨૦-૨૧ થી ધોરણ ૧૨ પછી પ્રથમ વર્ષ તથા ડીપ્લોમાં પછી દ્વિતિય વર્ષમાં સીધો પ્રવેશ મેળવનાર વિદ્યાર્થીઓ માટે સેમેસ્ટર ફી ફકત રૂ.૧૨,૫૦૦/ કરી દેવાઈ છે જે જાણવાજોગ છે.

આ કોલેજનું ઈન્ફ્રાસ્ટ્રકચર, કોલેજના સ્ટાફ તથા ઉપલબ્ધ સાધનો અને અન્ય સવલતો જી.ટી.યુ તથા એ.આઈ.સી.ટી.ઈ એ નક્કી કરેલા ધારા ધોરણો કરતા પણ ઉત્તમતા ધરાવે છે. નવસારી તથા વલસાડ જીલ્લાના કાંઠા વિસ્તારના વિદ્યાર્થીઓ અને વાલીઓએ આ

નવસારી GIDC ડિગ્રી કોલેજની આસિસ્ટન્ટ પ્રોફેસર PHD થયા

મેઘા ટેલર

માનસી દેસાઈ

નવસારી | નવસારી જીઆઈડીસી ડિગ્રી એન્જિનિયરીંગ કોલેજમાં આસિસ્ટન્ટ પ્રોફેસર તરીકે ફરજ બજાવતા મેઘા કમલેશ ટેલર દ્વારા રજૂ કરાયેલા મહાશોધ નિબંધ "Mathematical problem of multi-fluid flow in porous media and their solution by computation methods'ને અને આ કોલેજના ભૂતપૂર્વ આસિસ્ટન્ટ પ્રોફેસર માનસીબેન કિશોરભાઈ દેસાઈ દ્વારા રજૂ કરાયેલ મહાશોધ નિબંધ "athematica approach in different phenomena arising in multiphase flow in porous media'ને ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી, અમદાવાદ દ્વારા સ્વીકૃતિ આપી ગણિત વિષયમાં પીએચ.ડી.ની પદવી એનાયત કરી હતી. મેઘાબેન અને માનસીબેને આ સંશોધન કાર્ય ડો. શૈલેશ એસ. પટેલ (પ્રોફેસર, ગણિત વિભાગ, જીઆઈડીસી ડિગ્રી એન્જિનિયરીંગ કોલેજ, નવસારી)ના માર્ગદર્શન હેઠળ કર્યું હતું.

અબ્રામા GIDC ડિગ્રી એન્જિનિયરિંગ કોલેજમાં જોબ ફેરને સારો પ્રતિસાદ

| નવસારી |

નવસારી અબ્રામા ખાતે જી. આઈ.ડી.સી. ડિગ્રી એન્જિનિયરિંગ કોલેજના ટ્રેનિંગ એન્ડ પ્લેસમેન્ટ સેલ દ્વારા વિસ્તારના ઈજનેરી વિદ્યાર્થીઓ-સ્નાતકો માટે જોબ ફેરનું આયોજન કરવામાં આવ્યું હતું . આ જોબ ફેરમાં મિકેનિકલ, ઈલેક્ટ્રીકલ તથા કેમિકલ વિદ્યાશાખાઓના તામામ સ્નાતકોને આમંત્રણ હોવાથી કોલેજ સહિત આસપાસની ૨૨ થી વધુ એન્જિનિયરિંગ કોલેજના ૫૦૦ થી વધુ વિદ્યાર્થીઓ -સ્નાતકોએ ઉત્સાહભેર નોંધણી કરાવી ભાગ લીધો હતો. ક વિવિધ સેક્ટરની ૧૮ નામાંકિત કંપનીઓએ ભાગ લઈ વિદ્યાર્થીઓ પર પોતાની પસંદગી ઉતારી હતી.

આ પ્રકારના ઉત્કૃષ્ટ આયોજન દ્વારા જી.આઈ.ડી.સી. ડીગ્રી એન્જિનિયરિંગ કોલેજે પોતાના ૧૦૦ ટકા પ્લેસમેન્ટના મિશનમાં સુવર્ણપંખ ઉમેરી દક્ષિક ગુજરાતમાં આગવું સ્થાન પ્રાપ્ત કર્યું છે.

અહીં ઉલ્લેખનીય છે કે વિસ્તારની એકમાત્ર પુબ્લિક પ્રાયવેટ પાર્ટનરશીપ કોલેજ, જી.આઈ.ડી.સી. ડિગ્રી એન્જિનિયરિંગ કોલેજ દ્વારા શૈક્ષણિક અભ્યાસક્રમ સહિત ઔદ્યોગિક તાલીમ, ઔદ્યોગિક પ્રવાસ તેમજ યોગ્ય રોજગાર પર વિશેષ ભાર આપવામાં આવે છે.

વિશેષ નોંધનીય છે કે જી.આઈ.ડી.સી. ના પીઠબળ દ્વારા અહીં વિદ્યાર્થીઓને તમામ અદ્યતન શૈક્ષણિક સવલતો અન્ય ખાનગી કોલેજોની સરખામણીએ સત્તરીઠ ફકત રૂા. ૧૨,૫૦૦ ની નજીવી ટયુશન ફી માં પૂરી પાડવામાં આવે છે.

૫૦૦ થી વધુ વિદ્યાર્થીઓની નોંધણી : ૧૮ કંપનીઓએ ભાગ લીધો

નવસારી જીઆઈડીસી ડિગ્રી કોલેજનું ગૌરવ

નવસારી | સુરત સુરતના હેકાથોન સુરતના રીજીયોનના રાઉન્ડ અમદાવાદ, રાજકોટ વિદ્યાનગર, રાજકોટ અને સુરત ખાતે તાજેતરમાં યોજાઈ હતી. આ સ્પર્ધામાં સુરતની ઓલ યુનિવર્સિટીમાં યોજાઈ હતી. જેમાં 16 કોલેજના 600 વિદ્યાર્થીઓ સહિત 36 ટીમો ભેગીને સુરતના સરકારની એજીકોલેજ, વેસ્કાકોર અને સર્વિસને વધુ સારી રીતે ડેવલોપ કરી શકાય અને એનું મેનેજમેન્ટ કેવી રીતે કરી શકાય તે માટે કોડ તૈયાર કર્યો હતો. આ હેકાથોનમાં રીજીયોનના રાઉન્ડમાં જીઆઈડીસી ડિગ્રી એન્જીનિયરીંગ કોલેજના કમ્પ્યુટર એન્જીનિયરીંગ વિભાગના વિદ્યાર્થીઓની બે ટીમે ભાગ લીધો હતો. વિદ્યાર્થીઓએ મહિલા અને બાળ વિકાસ વિભાગને લગતી સમસ્યાની નિવારણ માટે વેબસાઈટ અને એપ્લિકેશન બનાવી હતી. આ ટીમો સુરત ખાતે યોજાયેલ ફાઈનલ સ્પર્ધા માટે પસંદગી પામી હતી. આ ટીમોને પ્રોફેસર ડો. કે.એન.દેસાઈની દ્વારા માર્ગદર્શન પુરું પાડવામાં આવ્યું હતું. આ ટીમોએ ફાઈનલ સ્પર્ધામાં તા. ૨૪, ૨૫ માર્ચ-૨૦૧૮ના રોજ પંડિત દીનદયાલ પેટ્રોલિયમ યુનિવર્સિટી ગાંધીનગર ખાતે, એમ કોલેજના આચાર્ય ડો. કે.એન.દેસાઈની દ્વારા જણાવવામાં આવ્યું છે.

રાજ્ય હેકાથોન રિજિયોનલ સ્પર્ધામાં નવસારીની GIDC કોલેજટીમ વિજેતા

» રાજ્યના નાગરિકોને બાંધકામ સુવિધાઓ પુરી પાડવા વેબસાઈટ અને એપ્લિકેશન બનાવી હતી

નવસારી, તા. ૨૧

સ્માર્ટ ગુજરાત હેકાથોન સ્પર્ધાના રિજિયોનલ રાઉન્ડ અમદાવાદ, વલ્લભ વિદ્યાનગર, રાજકોટ અને સુરત ખાતે તાજેતરમાં યોજાયા હતા. આ સ્પર્ધા સુરતની ઓલ્ટો યુનિવર્સિટીમાં યોજાઈ હતી. જેમાં ૧૬ કોલેજના ૬૦૦ જેટલા વિદ્યાર્થીઓ સહિત ૩૬ કુલ્લા ભેગીને ગુજરાત સરકારની એપ્લિકેશન, વેબસાઈટ અને સર્વિસને વધુ સારી રીતે ડેવલોપ કરી શકાય અને એનું મેનેજમેન્ટ કેવી રીતે કરી શકાય તે માટે કોડ તૈયાર કર્યો હતો. આ હેકાથોનમાં અલગ અલગ કોલેજના કમ્પ્યુટર સાયન્સ, બી.ઈ.ક. ઈલેક્ટ્રોનિક્સ, મીકેનીકલ, આઈ.ટી., એન્જીનીયરીંગ આઈ.ટી. અને મિકેનિકલના વિદ્યાર્થીઓએ ભાગ લીધો હતો.

આ રિજિયોનલ રાઉન્ડમાં નવસારી-ની જીઆઈડીસી ડિગ્રી એન્જિનિયરિંગ કોલેજના કમ્પ્યુટર એન્જિનિયરિંગ વિભાગના વિદ્યાર્થીઓની બે ટીમોએ ભાગ લીધો હતો. વિદ્યાર્થીઓએ મહિલા અને બાળ વિકાસ વિભાગને લગતી સમસ્યાની નિવારણ માટે વેબસાઈટ અને એપ્લિકેશન બનાવી હતી. આ રાઉન્ડમાં પસંદ પામેલી ટીમો હવે ફાઈનલ સ્પર્ધા માટે જીઆઈડીસી ડિગ્રી કોલેજની બે ટીમો સહિત કુલ ૧૨ ટીમો સુરત ખાતે તા. ૨૪, ૨૫ માર્ચના રોજ પંડિત દીનદયાલ પેટ્રોલિયમ યુનિવર્સિટી ગાંધીનગર ખાતે યોજાનાર ફાઈનલ સ્પર્ધા માટે જીઆઈડીસી ડિગ્રી કોલેજના વિદ્યાર્થીઓ પસંદગી પામ્યા છે.

નવસારીની ડિગ્રી એન્જિનિયરિંગ કોલેજના બે જૂથોની સ્માર્ટ ઈન્ડિયા હેકાથોનમાં પસંદગી

અબ્રામા | નવસારી

સ્માર્ટ ઈન્ડિયા હેકાથોન કે જે વિશ્વનું સૌથી મોટું નાગરિકલક્ષી ઓનલાઈન કાર્યક્રમ માટેનું આયોજન ઈન્ટરનેટ ઓફ થિંગ્સ છે. જેમાં જીઆઈડીસી ડિગ્રી એન્જિનિયરિંગ કોલેજ નવસારીના બે જૂથોને પસંદગી મેળવી છે.

જેમાં મેઘ પુજન વિદ્યાર્થીઓ દેવ ડોંગે, પાર્થવન પાટીલ, પ્રતિક રાજપુરોહિત, આરવ ઓઝરિયા, વસિમ રાજપુત અને રિયા અમીન આચાર્ય વિશેષ પ્રોત્સ અને મુખ્ય પ્રોત્સ્ય માર્ગદર્શન હેઠળ રાષ્ટ્રીય કૌશલ્ય સંસ્થાન અને તાલીમ પરિષદ (એનસીવીઈઆરટી), ભારત વિકાસ અને સહકાર વિભાગ (ડીએમઈઓ)ના પોર્ટલ પોર્ટલ: પોલ્યુરી અને અન્યની જોકુર સુખાકારી માટે ભારત ડિજિટલ ટ્વીન વિકાસવવા અને જાળવવા માટે પોતાનું પ્રદર્શન પોર્ટલનું છે. જ્યારે બીજા જૂથના વિદ્યાર્થીએ જય ભટ્ટ, તથન પારેખ, અવિન વિરવી, વ્રજ દેસાઈ, અંકુશ પારેખ અને હવી પોરવે પો. ડો. ડિવીપ પોલ્યુરી માર્ગદર્શન હેઠળ ભાર અને જાહેર વિભાગ વિભાગ, ભારતનું મંત્રાલય ભાર અને જાહેર વિભાગના પોર્ટલ પોર્ટલ: પોલ્યુરી જાળવવા પોર્ટલ માટે વિશેષી સેવા ડિઝાઈન માટે પોતાનું પ્રદર્શન પોર્ટલનું છે.

અહીં ઉલ્લેખનીય છે કે ૨૦૧૭ની અત્યાર સુધી સ્માર્ટ ઈન્ડિયા હેકાથોનમાં ૮૧૨૩ થી વધુ કોલ્લાઓ ૧૫ જાળવી વધુ વિદ્યાર્થીઓએ, ૩૮૧ કોલ્લાઓ ૨૧૮૫થી વધુ પોર્ટલ પોર્ટલ પોર્ટલ માટે આવ્યા ડિઝાઈ પોર્ટલ પોર્ટલ છે. જેમાંથી ૯૫૨૫ આવ્યા ડિઝાઈ પસંદગી પામ્યા છે.

ગુજરાત રાજ્ય પોલીસ આવાસ નિગમ લિ., સુરત

જાહેર નિવિદા નં. ૦૬ (૨૦૨૨-૨૩)

GDEC in Media

નવસારીની ડિગ્રી એન્જિનિયરિંગ કોલેજના વિદ્યાર્થીઓનો હેકોથોન સ્પર્ધામાં ભવ્ય વિજય

નવસારી, તા. ૨૧

નવસારીનાં પ્રાધ્યાપક હર્ષલ જી.વશી પી.એચ.ડી. થયા

નવસારી તા. ૨૪

નવસારી જી.આઈ.ડી.સી. ડીગ્રી એન્જી. કોલેજ ખાતે આસીસ્ટ પ્રોફેસર તરીકે ફરજ બજાવતા હર્ષલ ગુણવંતરાય વશી દ્વારા રજુ કરાયેલા મહાશોધ નિબંધ ''A Study on Enhancing Employability Skills of Engineering Graduates of South Gujarat'' ને ગુજરાત ટેકનોલોજીકલ યુનીવર્સિટી, અમદાવાદ દ્વારા સ્વીકૃતિ આપી મેનેજમેન્ટ વિષયમાં પીએચડીની પદવીને નોટીફીકેશન જાહેર કરી બહાલી આપી છે. હર્ષલ ગુણવંતરાય વશીએ આ સંશોધન કાર્ય ડો.તૃજ્ઞી એસ. અલ્મોલા, ડાયરેકટર, નર્મદા કોલેજ ઓફ મેનેજમેન્ટ, ભરૂચનાં માર્ગદર્શન હેઠળ કર્યુ હતું.

દિવ્ય ભાસ્કર નવસારી 30-12-2022

divyabhaskar.com દિવ્ય ભાસ્કર, નવસારી, શુક્રવાર, 30 ડિસેમ્બર, 2022

નવસારી જિલ્લાભરની શાળાની અલગ-અલગ 60 કૃતિ રજૂ કરાઇ

અબ્રામા જીઆઇડીસી એન્જિનિયરીંગ કોલેજમાં જિલ્લા કક્ષાનું વિજ્ઞાન-ગણિત-પર્યાવરણ પ્રદર્શન યોજાયું

ભાસ્કર ન્યૂઝ | નવસારી

નવસારીના અબ્રામામાં આવેલી જીઆઇડીસી ડિગ્રી એન્જિનિયરીંગ કોલેજમાં જી.સી.ઇ.આર.ટી ગાંધીનગર પ્રેરિત જિલ્લા શિક્ષણ અને તાલીમ ભવન નવસારી તેમજ જીઆઇડીસી એન્જિનિયરીંગ કોલેજના સંયુકત ઉપક્રમે જિલ્લા કક્ષાનો બે દિવસીય ગણિત-વિજ્ઞાન પ્રદર્શન મેળાનું આયોજન કરાયું છે. જલાલપોરના ધારાસભ્ય આર.સી.પટેલની અધ્યક્ષતામાં આ પ્રદર્શનનો શુભારંભ કરાયો હતો.

બાળકોમાં વૈજ્ઞાનિક અભિગમનો વિકાસ થાય તથા વિવિધ વૈશ્વિક સમસ્યાના સમાધાનમાં વિજ્ઞાન અને ટેકનોલોજીનો ઉપયોગ કરતા થાય તેવા હેતુને ધ્યાનમાં લઈને દર વર્ષે શિક્ષણ વિભાગ અને ગુજરાત શૈક્ષણિક સંશોધન અને તાલીમ પરિષદ ગાંધીનગર દ્વારા ગણિત-વિજ્ઞાન-પર્યાવરણ પ્રદર્શનનું આયોજન કરાય છે. જે અંતર્ગત જલાલપોરના અબ્રામા જીઆઇડીસી ડિગ્રી એન્જિનિયરીંગ કોલેજમાં આયોજિત બે દિવસીય જિલ્લા કક્ષાના ગણિત-વિજ્ઞાન પ્રદર્શન મેળામાં નવસારી જિલ્લાભરની વિવિધ શાળાના 200 જેટલા વિદ્યાર્થીએ 60 અલગ અલગ કૃતિ રજૂ કરી છે. જેમાં પ્રાથમિક અને માધ્યમિક અનુક્રમે 30-30 30 કૃતિ રજૂ કરાઇ છે. આ પ્રદર્શન કુલ પાંચ વિભાગ માહિતી અને પ્રત્યાયન ટેકનોલોજીમાં ઉન્નતિ, ઇકો ફેન્ડલી સામગ્રી, સ્વાસ્થ્ય અને સ્વચ્છતા પરિવહન અને નાવિન્ય વાર્તામાં નાવિન્ય દ્વારા

ઐતિહાસિક વિકાસ તેમજ ગણિત સહિતના પાંચ વિભાગોને કેન્દ્રમાં રાખીને બાળ વૈજ્ઞાનિકોએ કૃતિઓ તૈયાર કરી છે. આ પ્રસંગે નવસારી જિલ્લા પંચાયત પ્રમુખ ભીખુભાઈ આહીર, નવસારી ધારાસભ્ય રાકેશ દેસાઈ, જલાલપોર તા. પંચાયત પ્રમુખ રોશનીબેન પટેલ, અબ્રામાના લીનાબેન પટેલ, જીઆઈડીસી કોલેજના આચાર્ય એચ.એસ. પાટીલ, જીઆઈડીસી એજ્યુકેશન ટ્રસ્ટના હર્ષાબેન નાયક, સંજયભાઈ દેસાઈ સાથે શિક્ષણાધિકારીઓ, વિવિધ શાળાના આચાર્યો, શિક્ષકો, મહાનુભાવો અને વાલીઓએ પ્રદર્શન નિહાળ્યું હતું. પ્રદર્શનમાં પ્રોજેકટનું નિરીક્ષકો દ્વારા નિરીક્ષણ કરી મૂલ્યાંકન કરવામાં આવશે.

Annual Function under GDEC Institute Students Club

GIDC Degree Engineering college had organized Annual function as a part of Annual Student activities under various GDEC institute student clubs like; Literature and drama club, Dance club, Singing club , fine arts club & photography club on 13th April, 2022. Students participated actively and made it successful; the college was filled with joy and happiness all around.

The GDEC institute Students Club provides various opportunities to the students to relax, to enhance their skills and talents.

The Faculty and Student Coordinator of the various clubs made many efforts to plan, to guide & to organize the various events and competitions at college level. Students from GDEC participated in high number in competitions. The competitions like Drama, Dancing, Singing, Rangoli, Mehandi, Elocution, photography, etc.

The GDEC Institute Students Club had created a platform which provides the students so many opportunities to show their talent in variety of events and competitions.

Objective of GDEC institute Students Club

- **To encourage students in Cultural events/activities/competitions and to develop more and more talent among students in Cultural activities.**
- **To enhance the talents of the students, so they can show and participate in maximum number in different cultural events/activities/competitions.**
- **To organize various programmes for preserving cultural heritage and transmitting cultural values and history.**

Name of the Events Team Members

Dance club coordinator	**Singing club coordinator**	**Drama club coordinator**
Prof. Pankti Naik Prof. Bhavin Trivedi	Prof. Ashish Jain Prof. Daksh Tandel	Prof. Ishita Panchal Dr. Megha Tailor
Fine arts club coordinator	**Photography club**	**Events Facilitator**
Prof. Hemina Patel Prof. Dharmik Patel	Prof. Khyati Naik Prof. Rohit Damor	Prof. Archana Nayak

GDEC Institute Students Club

Dance Club
Music Club
Yoga Club
Fine Arts Club
Literature & Drama Club
Photography Club

GIDC Degree Engineering College
GDEC Institute Students Club
Music Club
Yoga Club

Fine Arts Club
Literatur

Fine Arts Club
Photography Club

MAITRI OLYMPIADS

Various Event at GDEC

Career Progress & Growth in Full Stack, Data Science & Ui / Ux By 2025

Training and Placement cell of GIDC Degree Engineering College organized an Expert session for the first year student (2022-26 batch) of the college as part of the Induction Program on 16th December, 2022. Mr. Brijesh Patel, Founder and CEO of Innovate369 and his team were invited to give a presentation on "Career Advancement and Growth in Full Stack, Data Science & UI/UX by 2025" The session was commenced by Prof. NileshParmar with a brief introduction about the speaker and his team.

Mr. Brijesh Patel inspired the first year students for their career development and informed them about the various employment opportunities open to them after graduation. He also shared his experience at Google. He also talked about how careers in full-stack programming, data science, and UI / UX can develop. About 65 students of first Year from all departments participated in the session. Students got knowledge about the company's various information like Services, Clients, working environment etc. from the session. Prof. Kushal D. Patel, Computer Engineering Department has concluded this session with a vote of thanks.

Orientation Of Code Unnati Program By (Sap & Edunet Foundation)

BosLeo is a US based technology company dedicated to developing new products and services for business clients in finance, pharma, audit, education, and entertainment industries. BosLeo develops products and services for clients through innovative applications of web, mobile, analytics, and other software technologies. Bosleo is multinational Technology Company having their branches in US, Germany, Thailand and India, providing the best of the Work Quality and Work Culture Throughout. In India they have branches at Surat, Valsad, Nashik and Pune. Mr. Jai Desai, from BosLeo gave a brief introduction regarding various technologies on which the company works. Around 40 pre-final year students participated in this session.

ORIENTATION OF CODE UNNATI PROGRAM BY (SAP & EDUNET FOUNDATION)

Edunet Foundation has partnered with SAP India, and would like to extend the benefit of SAP Open Learning Platform for the Engineering students from our college to get Certification in the courses that are most relevant for the Engineering students considering the current skill trends required in the job market. Edunet Foundation organizes a brief orientation session with Computer and Electrical Engineering students so as to make them aware about the program, its key features, and the process of registration on 28th July, 2022.

The program was commenced with brief Introduction about Edunet Foundation, SAP and Code Unnati Program by Mr.DhruvilJakasaniya, Program Manager, Edunet Foundation. In addition, Overall overview of program course, content were presented by Mr.Pravin Prajapati, Master Trainer & SME .Edunet Foundation. Program was concluded with Registration cum Assessment Camp for the students in which interested students were appeared for skilled test of interest level & basic programming competencies on which students will be selected for free of cost Course Program

Welcome & Orientation Programme

An orientation programme was organized for the newly admitted students. Students with their parents, Mr.ShreyashKashyap, NHB Ball & Roller, Navsari as a chief guest, Smt. Harshaben H. Nayak, Member, GIDC Education Society, Shri. Sanjay I. Desai, Member, GIDC Education Society, other dignitaries, faculty members were welcomed by the principal of the institute Dr. (Prof.) H. S. Patil. The major objective of the programme was to make the parents and students aware of the academic aspects of the course, the rules and regulations of the institute and ensuring parental participation in monitoring the performance and progress of students.

Blood Donation Camp & Thalassemia Test

A blood bank is a center where blood gathered as a result of blood donation, is stored and preserved for later use in blood transfusion. In our GIDC Degree Engineering Collage one day blood donation camp was organized On13th October 2022. The college is association with Lions club of Navsari which was conveyed by Dr. Bhavin G. Patel from civil engineering department Prof. Rajan Lad and Lab assistant Anita Patel were also involved to make this event successful. In this camp Thalassemia Screening Test was also done.

Ganesh Chaturthi

Our GIDC Degree Engineering College celebrated GANESH UTSAV - 2022 from 31st August'2022 to 04th September'2022. On 31st August'2022- Anant Chaturdashi, Ganeshotsav started by welcoming Lord Ganesha for Sthapana at Civil Engineering Department with rituals – MahaAarati and Pooja in an atmosphere full of devotional fervor. Mandap for Sthapana of Lord Ganesha was decorated with pleasant Lightings, Devotional Bhajana's- Shlok's, Stotra's and Sound System. The Sthapna of Idol of Lord Ganesha was made by the hands of civil engineering students of 7th semester Dev Patel and VelishDhimmar. Students danced with enthusiasm and zeal to the beats of traditional instruments like Dhol – Taasha to welcome the Lord Ganesha. The Lord Satyanarayan Poojan with Lord Ganesha was organized in Civil Engineering Department on 3rd September'2022. Delicious and Mouthwatering laddus and hulwa made by students were offered for the final Aarti. On 4th September'2022 visarjan was carried out peacefully and lord Ganesha bid adieu to everyone and blessed us till he visits next year.

Dahi Handi

Sweeter than honey, tastier than curd, pleasanter indeed than any happiness and joy is the company, is the power of the name of Krishna. The Birthday of Lord Krishna is celebrated with great devotion and enthusiasm, on this Janmashtami day, in India. Krishna Janmashtami, also known as Krishnashtami, is observed on the Ashtami tithi, the eighth day of the dark half or Krishna Paksha of the month of Shraavana. Lord Krishna is known worldwide and celebrated as an avatar of God Vishnu. GIDC Degree Engineering College had organized Dahi Handi celebration, where students participated the celebration enthusiastically.

Srinivas Arka: How to continue to find inspiration in learning and contribute meaningfully to society.

Srinivas Arka, a world-renowned author, teacher and philosopher, has inspired thousands to explore and develop their own intuitive awareness. Through his methods, we achieve a more balanced and fulfilling life while at the same time helping those around us through increased empathy and understanding.
The Event started with welcome address from Principal Dr.H.S.Patil. Principal encouraged students to make most of the available opportunity to create spiritual awakening and deepen their subconscious awareness.

Following the presentation, students asked a variety of questions, including the following:

1) In reaction to his address, we discussed why India has forgotten its rich Vedic culture and cultural legacy and why we are only now viewing it through a Western lens. What is causing this disconnect right now?
2) How can we become more cognizant of our subconscious, which rules over our conscious mind, to a greater extent These questions were answered lucidly and meaningfully in a way that students could comprehend.

Student Feedback

The students' feedback revealed that their initial impression of Srinivas Arka was distinct since they hadn't expected him to integrate spirituality and modern learning. His admiration for Sanskrit and the advanced culture especially affected and inspired them. For them, it represented a cutting- edge concept.
The talk was conducted on 14th February 2023 and was co ordinated by Prof.Toral Patel , Prof.Ishita Panchal.

hese questions were answered lucidly and meaningfully in a way that students could comprehend.

Swachh Sagar & Samrudh Sagar

Honorable HOD of Civil Engineering Department Dr.Bhavin Patel and whole Teaching and non-teaching staff of the department has participated in the Nation-wide coastal Clean Up Drive event at Dandi Beach, Navsari on 17th September 2022.

Women's Day Celebration

Women empowerment is very necessary to make the bright future of the family, society and country. Women need fresh and favorable environment so that they can take their own right decisions in every area whether for themselves, family, society or country. Various Events executed on following dates under Women Development Cell (WDC) of GIDC Degree Engineering College

Sr. No.	Events	Date
1	One day Picnic for all GDEC Women Faculty/Staff	5th March, 2022.
2	Self-defence program	6th May, 2022.
3	On International Women's day organized Event like • Slogan writing • Poster making • Photography competition.	8th March, 2022.

At GDEC Various Events were organized on 8th March ,2022 to celebrate International Women's day under WDC cell, with the Theme of Women Empowerment-Events like Slogan writing, Poster making and Photography competition. On 5th March 2022, One day Picnic was organized under WDC cell, GDEC for Women Faculty/Staff of GIDC Degree Engineering College. Take all the female employees for a lunch outing at the end of day. Later, treat them to their favorites desserts for bringing a smile to their face.
Self-defence program was organized on 6th May, 2022 for all the Girls students and female staff. Self-defence provides women with personal power and skills that may help prevent future violence and abuse. With this GIDC Degree Engineering has made a significant footstep towards women empowerment. Under the guidance of expert trainer Paresh Patel (Academy, Sawaj Taekwondo Training Center), college successfully organized selfdefence training, which was designed to "help women identify their risks and evaluate their strengths, and to explore their options for dealing with the threat of violence." All the co-ordinators supported the event with great enthusiasm, with this GIDC Degree Engineering has made a significant footstep towards women empowerment.

Events Convener	Events co-ordinators
Prof .Archana Nayak Head of Computer Engineering Department Prof .Toral Patel Head of Automobile Engineering Department	Prof. Pankti Naik, Prof. Ishita Panchal, Prof. Khyati Naik, Prof. Hemina Patel, Ms. Amruta Naik, Ms. Apexa Desai, Ms. Foram Patel

Mehendi Competition Organized By GDEC Fine Arts Club

The Mehendi Competition was organized by GDEC Fine Arts club on 8th April 2022. There were 30 participants who took part in the competition. Prof. Hemina Patel and Prof. Dharmik Patel coordinated the event. Patel Ridhdhikumari Arvindbhai from the Civil department secured 1st rank in the competition. Lad Rachna Jagdishbhai from the Computer Department was the runners-up in this competition.

Model Making Competition Organized By GDEC Fine Arts Club

The Model making Competition was organized by GDEC Fine Arts club on 8th April 2022. There were 101 participants who took part in the competition. Prof. Hemina Patel and Prof. Dharmik Patel coordinated the event. Mistry Nisha Jayesh from Computer Department secured 1st rank in the competition. More Prabhat Ghanshyam bhai from the Mechanical Department was the runners-up in this competition.

International Yoga Day Celebration2022

GDEC Yoga club organized a yoga session on the occasion of International Yoga day on 21st June 2022. Around 150 students and faculties actively participated in a yoga session. All students and faculties also took the pledge for yoga and attended yoga quiz. The yoga session was coordinated by Prof. Bharat H. Gajera, Prof. Dharmik A. Patel, and Mr. Himanshu Patel.

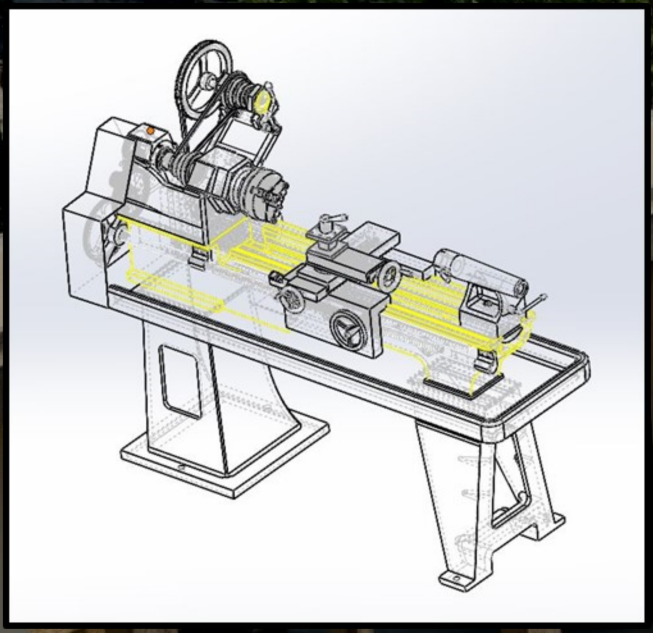
Yoga Session for 1st Year Student in Induction Program

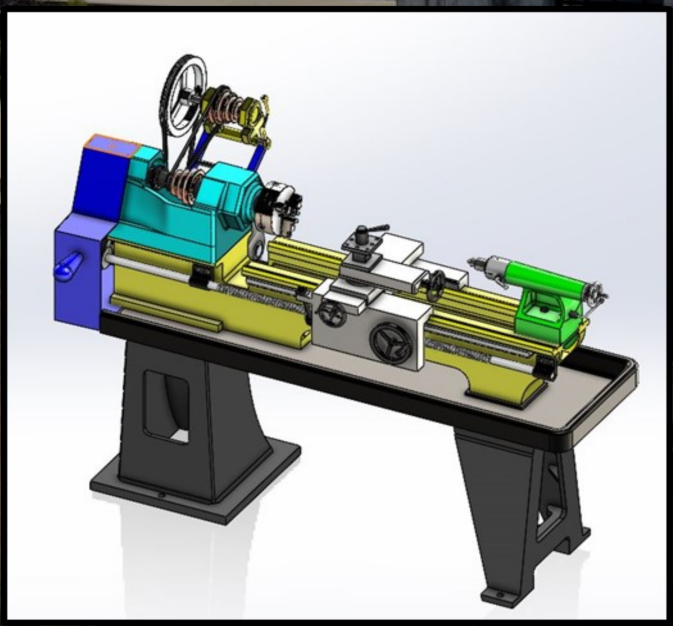
GDEC Yoga club organized a yoga session for the 1st year students on 15th October 2022 as a part of 1st year induction program. Around 125 students actively participated in a yoga session. The yoga session was coordinated by Prof. Bharat H. Gajera, Prof. Dharmik A. Patel, and Mr. Himanshu Patel.

Students articles for Profusion 2023

MODELING OF LATHE MACHINE

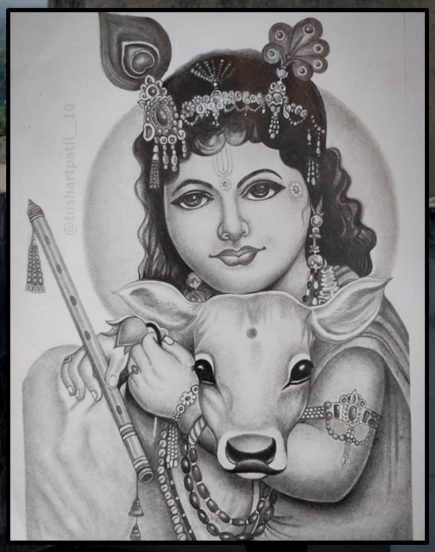
201100119521-PATEL NEELKUMAR PRAVINKUMAR
201100119527- ISHAN S. CHALKE
201100119536-ELISH B. MODI
201100119537-RAJ R. PANCHAL
201100119546-PRABHAT G. MORE
(Mechanical 4th Year)





ISHAN SHRIKANT CHALKE (201100119527) ((Mechanical 4th Year)

By - Tushar Patil Enroll – 221130119025 (Mechanical 2nd Year)



हंसना किसीने सिखाया नहीं, लेकिन एक ज़माने में हम बेवजह हंसते थे।
और आज उस हंसी की जगह stress ने ले ली हैं।
हम सबकी lives में अनगिनत tensions हैं, Agreed!
लेकिन इन tensions को overcome करके खुश रहना ही तो सिखना हैं हमें।
और किसी महान इंसान ने भी कहा हैं, problems तो हैं सबके साथ, बस नज़रिए की हैं बात।
तो आओ एक बार मुस्कुराया जाए उसी नादानी के साथ और हम फिर से जीयेंग उसी बचपने के साथ.....
Shraddha Soni (Electrical Department)

एक महान इंसान ने कहा हैं अपने आप के भी पीछे खड़ा हूं मैं जिंदगी कितना धीरे चला हूं मैं।
लेकिन हमारे लिए तो हमेशा जीतना important होता हैं।
चाहे कोइ भी race हो, हम उसी मकसद से दौड़ते हैं।
क्योंकि जिंदगी के हर stage पर हमें यही सिखाया गया हैं कि जीतना ही सब कुछ हैं।
और शायद ये हमारी life का सबसे बड़ा spoiler हैं।
क्या कर लोगे ऐसी जीत का जो दौड़ का मज़ा sacrifice करके मिलेगी?
शायद regret के अलावा और कुछ कर भी नहीं पाओगे।
Actually life calculus की तरह हैं।
जैसे calculus variable terms और constant terms दोनो से चलता हैं,
वैसे ही life में variable हैं complications और constant हैं मेहनत।
और इस बीच बहुत ज़रूरी हैं tears और smiles को balance karna.
तो जिस दिन हम ये life ki calculus और balancing सीख जायेंगे,
शायद उस दिन हम सही मायने में जिंदगी जियेंगे.....
Shraddha Soni (Electrical Department)

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GPSC વર્ગ ૧-૨

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(૨) સામાન્ય જ્ઞાન - ૨	૧૮૦ મિનિટ	૨૦૦ ગુણ

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(૧) ગુજરાતી	૩ કલાક	૧૫૦ ગુણ
(૨) અંગ્રેજી	૩ કલાક	૧૫૦ ગુણ
(૩) નિબંધ	૩ કલાક	૧૫૦ ગુણ
(૪) સામાન્ય જ્ઞાન - ૧	૩ કલાક	૧૫૦ ગુણ
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(૩) અંગ્રેજી વ્યાકરણ	૨૦ ગુણ
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(૨) અંગ્રેજી ટાઈપિંગ કસોટી	૨૦ ગુણ
(૩) કોમ્પ્યુટર ઉપયોગની પાયાની જાણકારીના સંદર્ભમાં પ્રેક્ટિકલ કસોટી	૬૦ ગુણ

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IBPS/SBI બેંક પરીક્ષા

PRELIM + MAIN EXAM + INTERVIEW ની સંપૂર્ણ તૈયારી કરાવનારી એકમાત્ર સંસ્થા

IBPS CLERK & PO (PRELIM EXAM)(Negative Marks1/4)

SECTION	NO. OF QUESTIONS	TIME (Min.)	MARKS
Numerical Ability & DI	35	20	35
Reasoning Ability	35	20	35
English Language	30	20	30
Total	**100**	**60**	**100**

IBPS CLERK (MAIN EXAM)(Negative Marks1/4)

SECTION	QUESTIONS	TIME(Min.)	MARKS
Reasoning & Computer Knowledge	50	45	60
English Language	40	35	40
Quantitative Aptitude	50	45	50
General & Financial Awareness	50	35	50
Total	**190**	**160**	**200**

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