

Principal's message:

Dear students and faculties,

Greetings!

This quarter has certainly been a very busy time with lots of activities. As time progresses I know that we are all looking forward to a gradual return to "normal". The faculties have continuously been playing an important role in shaping the career of young students of the college through various activity cells like Mega Placement Camp, UBA, SSIP, IIC, NISP, RUSA and Finishing School. The technology has expanded beyond our imagination in the past three decades. In the present day, Technical Education has become borderless which promotes virtual, interactive and collaborative learning. We should be prepared to face the world and compete with the quality of technology education in Global arena. These activities enable our students to play more effective role in global knowledge economy and global job markets.

On 13th June 2014 India has become the permanent signatory of the Washington Accord. The membership of Washington Accord is an international recognition of the quality of undergraduate engineering education offered by the member country and is an avenue to bring it into the world class category. It encourages and facilitates the mobility of engineering graduates and professional at International level. In response to Washington Accord, the National Board of Accreditation (NBA) has been setup by All India Council of Technical Education (AICTE) for the recognition of the Technical education programme. It is time to prepare ourselves and make strategy to compete with the changing world and Technology with forward looking ideas to transform GCE Valsad as NBA accredited Institution at the earliest.

I anticipate your cooperation and partnership.

T&P Cell

Reliance Industries Limited has selected following students through campus placement as a "Graduate Engineering Trainee" having an annual package of 7.5 Lacs.

Name	Discipline	Package
Deep Shah	Civil	7.5 LPA
Binal Mistry	Civil	7.5 LPA
Astha Tandel	Electrical	7.5 LPA



Government Engineering College Valsad
www.gecv.ac.in | gec-Valsad-dir@gsparat.gov.in | info@gecv.ac.in

Congratulations
to our shining stars for getting placed in

Reliance Industries Limited
Package: 7.5 LPA

Training and Placement Cell, GEC Valsad

Mega Placement Camp-2022

ધબકાર



વલસાડ સરકારી ઈજનેરી કોલેજ ખાતે ગુજરાત સરકારનો પ્લેસમેન્ટ કેમ્પ યોજાયો હતો.

વલસાડ સરકારી ઈજનેરી કોલેજ ખાતે ગુજરાત સરકારનો પ્લેસમેન્ટ કેમ્પ યોજાયો

રાજ્યની અલગ અલગ ક્ષેત્રની ૭૩ કંપનીઓએ ભાગ લીધો : જિલ્લાની ૧૪ કોલેજોમાંથી રજીસ્ટર થયેલા ૨૩૯૬ પૈકી ૩૮૬ વિદ્યાર્થીઓ પ્રાથમિક તબક્કે પસંદ થયા

ધબકાર પ્રતિનિધિ, વલસાડ, તા. ૧૨ વલસાડ સરકારી ઈજનેરી કોલેજ ખાતે તા. ૧૧ના રોજ પ્લેસમેન્ટ સેલ, શિક્ષણ વિભાગ, ગુજરાત રાજ્ય દ્વારા પ્લેસમેન્ટ કેમ્પ-૨૦૨૨નું આયોજન કરવામાં આવેલ હતું. દક્ષિણ ગુજરાતની તમામ ડિગ્રી-ડીપ્લોમાં ઈજનેરી તેમજ આર્ટ્સ, કોમર્સ, સાયન્સ વગેરે સંસ્થાઓના વિદ્યાર્થીઓને રોજગારીની ઉત્તમ તક મળી રહે તે હેતુસર આ પ્લેસમેન્ટ કેમ્પ આયોજિત કરવામાં આવેલ હતો. ઔદ્યોગિક યુનિટ્સને પોતાની જરૂરિયાત અનુસાર યોગ્ય લાયકાત તેમજ કૌશલ્ય ધરાવતા ઉમેદવાર મળી રહે તે માટે આ પ્લેસમેન્ટ કેમ્પ ખુબ જ અગત્યનો સાબિત થયેલ હતો. કોરોના સંક્રમણને ધ્યાનમાં રાખી આ પ્લેસમેન્ટ કેમ્પ ઓનલાઇન તથા ઓફલાઇન બંનેમાંથી જે અનુકૂળ હોય તેમ રાખી શકાય તે પ્રકારની વ્યવસ્થા ઉભી કરવામાં આવી હતી. કંપનીઓનાં પ્લેસમેન્ટ કેમ્પમાં રજીસ્ટ્રેશન કરાવવા માટે દક્ષિણ ઝોનની તમામ સરકારી અને અનુદાનિત ઉચ્ચ અને ટેકનીકલ શિક્ષણ સંસ્થાઓના અધ્યાપકો તેમજ અન્ય અધિકારી-કર્મચારીઓ દ્વારા પ્રયત્નો કરવામાં આવેલ હતા. જેના પરિણામે આ પ્લેસમેન્ટ કેમ્પ માં સમગ્ર રાજ્યમાંથી અલગ અલગ ક્ષેત્રની ૭૩ કંપનીઓએ ભાગ લીધો. જેમની કુલ ૪૫૦ થી વધારે વેકેન્સી સામે વલસાડ જિલ્લાની ૧૪ કોલેજોમાંથી ૨૩૯૬ વિદ્યાર્થીઓ પ્લેસમેન્ટ કેમ્પ માટે રજીસ્ટર થયા હતા. જેમાંથી ૩૮૬ વિદ્યાર્થીઓએ ઓનલાઇન ઈન્ટરવ્યુ આપ્યા હતા. તે પૈકી કુલ ૩૮૬ વિદ્યાર્થીઓ પ્રાથમિક તબક્કે પસંદ થયા હતા. પસંદગી પામેલ વિદ્યાર્થીઓને કંપનીઓ તરફથી નોકરી માટે પ્રોવીઝનલ સિલેક્શન પત્ર આપી દેવામાં આવેલ હતું. આ પ્લેસમેન્ટ કેમ્પનું આયોજન સરકારી ઈજનેરી કોલેજના આચાર્ય અને પ્લેસમેન્ટ કેમ્પના દક્ષિણ ગુજરાત, ઝોન-૪ નાં ઝોનલ અધિકારી ડો. વી. એસ. પુરાણીનાં માર્ગદર્શન હેઠળ કરવામાં આવેલ હતું. દક્ષિણ ગુજરાત ઝોનનાં વાઈસ ઝોનલ અધિકારી ડો. કે. ડી. પંચાલ, સરકારી ઈજનેરી કોલેજ, સુરત, વલસાડ જિલ્લાના નોડલ અધિકારી ગિરીશ રાણા, સ. ઈ. કો. વલસાડનાં ટ્રેનિંગ એન્ડ પ્લેસમેન્ટ અધિકારી એસ. ટી. પટેલ અને તેમની ટીમનાં સંયુક્ત પ્રયાસોથી પ્લેસમેન્ટ કેમ્પનું સફળતા પૂર્વક આયોજન થયેલું હતું.

Overall Placement Status

Industries		Institutes	
Registered	Present	Registered	Present
89	74	14	12

Students			
Registered	Present	Interviewed	Selected
2396	663	981	408

FINISHING SCHOOL

From 01/01/2022 to 31/03/2022 under the Finishing school training program, both Batch-1 & Batch-2 had completed their Functional English skill training [SET-B & SET-D] through offline/online mode dated 03/01/2022 to 07/01/2022 and 08/01/2022 to 12/01/2022 (total hours - 40 for batch-1) and 02/01/2022 to 06/01/2022 and 07/01/2022 to 11/01/2022 (total hrs - 40 for batch-2). Ms. Jashma Das & Ms. Noopur D. Thakkar (Empanelled trainer, KCG Finishing School) were appointed to provide the said training.



First day of functional English training

Republic day celebration



The Government of India is celebrating the 75th year of Independence as "Azadi ka Amrut Mahotsav across the country. Our college GEC Valsad celebrated 73rd Republic Day with great zeal. The Chief Guest for the day was prof. S. V. Damania, in charge Principal of GEC Valsad. The guest member presided over the flag hoisting ceremony by Prof J. R. Joshi. Our Principal Sir hoisted the flag, all the supporting staff, securities guards, teaching staff, and their family members saluted the national flag. The principal addressed the gathering and urged them to do their best and feel proud to be Indian. We had a speech delivered by Dr. K. A. Mokariya who shared their thoughts on the occasion of Republic Day.

Smart India Hackathon

Smart India Hackathon 2022 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. GEC Valsad shows its keen interest to contribute for the success of Smart India Hackathon -2022.

In this regard to provide a gateway to the students of the institute, the Institutional Hackathon 2022 (IH22) was organized on 29th March 2022. To make the students well aware about the program all the students were sensitized by the faculty of institute by class-to-class personal sensitization before the commencement of the IH-22. A large number of participations obtained from each of the department. The teams were scrutinized by the jury members of the relevant field of the proposed idea. The summary of the programme is as follows.

Participation Statistics

Department	Teams Participated	Students Participated	Teams Nominated for SIH
Chemical	10	60	5
Civil	2	12	2
Electrical	5	24	3
Environment	2	12	2
Mechanical	5	20	3
Total	24	128	15



Rashtriya Uchchatam Shiksha Abhiyan

A workshop on “rocket modelling” was organised at GEC Valsad under RUSA for newly admitted BE first year students on 07/01/2022. Mr. Atul Makwana, director of Airwing flying machine Pvt. Ltd. shared his expertise with students. The workshop aimed to motivate the students to learn the concepts of science behind rocket modelling. A total of 45 students participated in the workshop. They prepared the rocket models as per the guidance of the expert and successfully launched the self-modelled rockets near the administration building of the institute. Students enjoyed the learning and found this workshop very helpful. Figure 4 shows a glimpse of the workshop.



Glimpse of the workshop on rocket modelling

Gujarat Technological University (GTU) Winter-2021 Exam Result Analysis

Among all GTU affiliated institutes, the Civil, Electrical, and Environmental engineering departments have secured the Top 5 rank for BE 5th semester exam. Similarly, the Civil and Environmental Engineering departments have secured Top 5 rank for BE 7th semester exam.

59.64% of 5th semester and 65.73% of 7th semester students secured first class with distinction in the winter 2021 examination and the following tables show the list of top-ranked students from each department.

BE 5th semester Toppers

Sr. No.	Branch	Enrollment No.	Name of Top Ranker student (Highest SPI)
1	Chemical	190190105006	BASSAN JASMEETKAUR CHARANJEETSINGH
2	Civil	190190106026	YOUSMAN MUNSHI
3	Electrical	190190109070	TANDEL RADHIKABEN SUBHASHBHAI
4	Environmental	190190113029	MITHANI KHYATI PIYUSHBHAI
5	Mechanical	190190119049	PANCHAL SMIT BIRENBHAI

BE 7th semester Toppers

Sr. No.	Branch	Enrollment No.	Name of Top Ranker
1	Chemical	180190105046	PARMAR DILIPBHAI ATULBHAI
2	Civil	180190106035	PATEL NANCY RAMANLAL
3	Electrical	180190109039	PATEL PRATIKKUMAR MOHANLAL
4	Environmental	180190113053	SINGH RANJEETSINGH RAJESHBHAI
5	Mechanical	180190119077	PATEL URMIL UTTAMBHAI

AICTE-ISTE REFRESHER PROGRAM: MOO FDP

To plan and help in imparting quality technical education in the country and to support technical institutions in fostering research, innovation and entrepreneurship through training in various emerging areas AICTE-ISTE is always motivated and provide fund to organize a variety of training program. In this direction, recently, the All India Council for Technical Education (AICTE) approved the proposal made by GEC Valsad and gave financial assistance to organize one-week Faculty Development Program on “Multi-Objective Optimization: Algorithms and Engineering Applications” in online mode. The said online FDP was coordinated by Dr. N. M. Patel, Professor & Head, Chemical Engineering Department, and organized by Prof. S. T. Patel (Asst. Prof. Mechanical), Prof. D. N. Tandel (Asst. Prof., Electrical), Prof. A. R. Magodara (Asst. Prof., Chemical) and Dr. S. K. Srivastava (Asst. Prof., Chemical) during 22/02/2022 to 28/02/2022.



VALEDICTORY SESSION

Total of 17 experts from the various institutes of national repute like IIT Gandhinagar, IIT Patna, IIT Bhuvneshwar, and L.D. College of Engineering Ahmedabad, LE College Morbi, VGEC Chandkheda, PDEU Gandhinagar, SVNIT Surat, Nirma University, IITRAM Ahmedabad and G H Patel College of Engineering & Technology, Vallabh Vidyanagar and GEC Valsad delivered total 21 sessions during the program. There were 82 participants registered in the FDP from various prestigious academic institutes across India. The program was a grand success. The experts and participants had appraised the program. The FDP provided a common platform to various professors from engineering institutions across the country to help in their research and motivated them to work in the field of multi-objective optimization.

Gate Qualified

Students of the Environmental Engineering Department and Chemical Engineering Department had cleared the reputed GATE-2022 examination.



Department: Environmental Engineering

Jaydip Jadav

All India rank in Environment Engineering's paper: 88

All India rank in Civil Engineering's paper: 9466



Department: Chemical Engineering

Patil Shubham Supadu

All India rank in Chemical Engineering's paper: 507



Department: Chemical Engineering

Hemal Paresh Parmar

All India rank in Chemical Engineering's paper: 932



Department: Chemical Engineering

Lad Chitrang Jayantibhai

All India rank in Chemical Engineering's paper: 1647



Department: Chemical Engineering

Aarsh Vimalkumar Modi

All India rank in Chemical Engineering's paper: 2251

UNDER IICHE STUDENT'S CHAPTER

For Chemical Department:

An online webinar was organized on “Process Safety and Risk Management” which was delivered by Mr. Joy Shah (Founder and Chief consultant Innov8 ProTech Solutions) on 12/02/2022.

An online webinar was organized on “Entrepreneurship skills, attitude and behavior development” which was delivered by Dr. Kedar Shukla (Director, ROFEL MBA Vapi) on 25/02/2022.

An online webinar was organized on “Process Intensification of Chemical Processing Applications using Cavitation Reactors” which was delivered by Dr. P. R. Gogate (Professor, Chemical Engineering INSTITUTE OF CHEMICAL TECHNOLOGY, MUMBAI) 18/01/2022.

IIC is an initiative of MHRD and it is a Part of NISP- National level Innovation Council. It has been launched to systematically foster the culture of innovation amongst all higher education institutions. Its primary mandate is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are in their formative years. In this quarter Team IIC, SSIP and NISP organised following webinars/seminars for the students of GEC Valsad under the guidance of IIC coordinator Prof. R. C. Malan, Applied Science & Humanities Department, along with SSIP (Student Start-up & Innovation Policy) coordinator Prof. K. L. Mokariya, Electrical Department, more than 1000 students and faculties were benefitted through these events.

The Expert session on “Technology Innovation as Career Opportunity for Engineers” was organised by the Chemical Engineering Department on the date 24th February 2022 under IIC. The Session was delivered by Dr. P. B. Jhala (Former Sr. Deputy Director, ATIRA and Research Adviser, IPR and NID). Total of 247 participants benefited. Respected Principal Dr. V. S. Purani has enlightened the session by briefly addressing the event. Dr. P. B. Jhala has shared knowledge on development for Innovation and entrepreneurship. He suggested opportunities for building a career in the field of Innovation & entrepreneurship. Prof. H. M. Jariwala and Prof. B. A. Domadiya coordinated the event.



Expert session on “Technology Innovation as Career Opportunity for Engineers”



National Science Day Celebration



Students' visit at Innovation Hub, District Science Centre Dharampur

Government Engineering College, Valsad celebrated the National Science Day in collaboration with District Science Centre Dharampur. Three expert sessions were arranged as a part of the celebration. Dr. B. R. Sudani, Dr. R.C. Malan and Prof. R. V. Prajapati delivered the sessions based on the theme of National Science Day, 2022. The event was organized under the banner of NISP, IIC and SSIP- GECV. IIC -SSIP GECV organized students' visit at Innovation Hub, District Science Centre Dharampur. The event was coordinated by Dr. R. C. Malan and Prof. R. V. Prajapati.

An exposure visit of 100kW Off-Grid Solar Power Plant was organized under IIC and SSIP for problem identification in the existing system and their probable solution on 22nd February, 2022. The event was coordinated by Dr. R. C. Malan and Prof. R. V. Prajapati. Dr. K. L. Mokariya (Head of the department) has served as an expert for an introductory lecture followed by a site visit.

Institute Innovation Council, GEC Valsad, IIChe-GECV student chapter and SSIP GECV have jointly organized an online expert talk on Entrepreneurship Skill, Attitude and Behavior Development on 25th February, 2022. The expert talk was organized for all students (Semester-1, 4, 6, 8) and faculties of GEC Valsad. The expert talk comprised 64 (students and faculty members) from all engineering departments. The programme began with a welcome speech given by Prof. Rahul V. Prajapati (IIC, coordinator). Thereafter, Mr Ramesh Prajapati gave a brief about the session. Prof. Dhaval T. Barot has given introduction of speaker Dr. Kedar Shukla and invited guest speaker to start the session. Speaker has started the session and explained all the fundamental aspects of entrepreneurship skills in the current system. This lecture on Entrepreneurship Skill, Attitude and Behavior Development met its entire desired objectives and students have understood the role of Entrepreneurship in their carrier. The session ended with a vote of thanks by Mr J R Shah (Consultant, IIChe Member) in appreciation to Dr. Kedar Shukla for giving his time to educate the students on Entrepreneurship Skills, Attitude and Behavior Development.



An exposure visit of 100kW Off Grid Solar Power Plant



An online expert talk on Entrepreneurship Skill, Attitude and Behavior Development



E Symposium Building Innovation Ecosystem in Educational Institute

A workshop on “Design Thinking, Critical Thinking, and Innovation Design” by Shri Vikrant Shah, Director, M/S Neya Water Solutions, Ahmedabad was organized to focus on the development of the manufacturing area. For manufacturing, it is very much required to identify problems or identify society's needs. Development of need-based, market-friendly products is to be required critical thinking of area, designing of techno-economic processes and innovation ability. The workshop was coordinated by Prof. R. V. Prajapati and Prof. R. C. Malan.

A live telecast of E Symposium Building Innovation Ecosystem in Educational Institute was arranged for students and faculty members of GEC-Valsad by IIC-GECV. E-Symposium was held from 11th to 12th Jan 2022 as part of the ‘National Innovation Week’, Azadi Ka Amrit Mahotsav (AKAM) celebration from 10th – 16th Jan 2022. The Ministry of Education, AICTE and Ministry of Commerce and Industry (DPIIT) in collaboration with the Ministry of Culture, Govt. of India were jointly organized it. The students and faculty members were participated in the above telecast and got the advantage of the National level E-symposium. Event was coordinated by Dr. R. C. Malan.



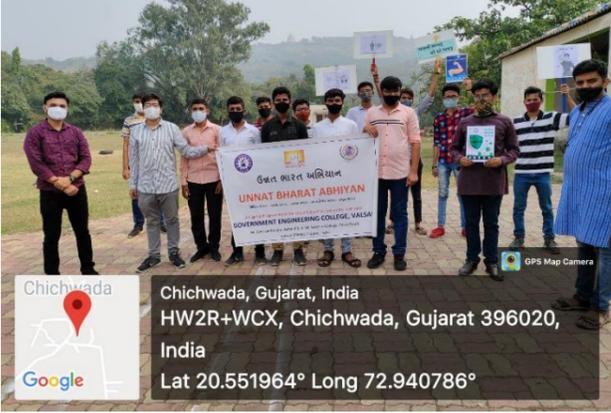
E Symposium Building Innovation Ecosystem in Educational Institute

The inaugural of SSIP 2.0 was planned by Education Department, Government of Gujarat on 13th of January-2022. GEC Valsad has executed the event as per the guidelines provided by SSIP Gujarat. The events include Inaugural virtual message by Hon. Principal Secretary, Education Department, Journey of institute/university under SSIP1.0 by SSIP Coordinator GEC Valsad Dr K L Mokariya, Presentation on SSIP 2.0 by Institute SSIP Coordinator Dr K L Mokariya, Start-up journey talk by two successful Start-ups/PoCs of GEC Valsad Ganesh Patil and Dhruveel Lahiya, Address by the In-charge Principal GEC Valsad on the Event day Prof N M Patel on SSIP1.0 overview, Presentation of a Video film on SSIP 2.0 and Contribution and outcome of GEC Valsad and the Head of the institute Dr V.S Purani on roadmap for next FIVE years of SSIP 2.0



Unnat Bharat Abhiyan (UBA)

The Covid-19 vaccines are the most potent weapon in our armory for the fight against the pandemic and this can be won successfully by the combined efforts of Governments and citizens. Hence, 30 students of UBA cell GEC, Valsad did march as Public Awareness Campaign at Chichwada village on the 6th of January, 2022. Various information of taking appropriate precautions to stay safe and away from COVID was shared in the form of slogans and posters



Glimpse of the "Public Awareness Campaign on COVID-19 in Chichwada Village"

Slogan Writing Competition

The Government of India is celebrating the 75th year of Independence as "Azadi ka Amrut Mahotsav" across the country and as a part of this celebration an online Slogan writing competition was organized on 12/01/2022 by Prof. J. R. Joshi and Prof. D.D. Dhimmarr from the Chemical Engineering Department of GEC Valsad as per the direction given by GTU. A total of 84 entries were received but due to GTU Exam and mid-semester exam, only 47 students participated. The word limit for Slogan's writing was a maximum of 25 words. The language of the Slogan was Hindi, Gujarati, or English.

Azadi ka Amrit Mahotsav

Slogan :-

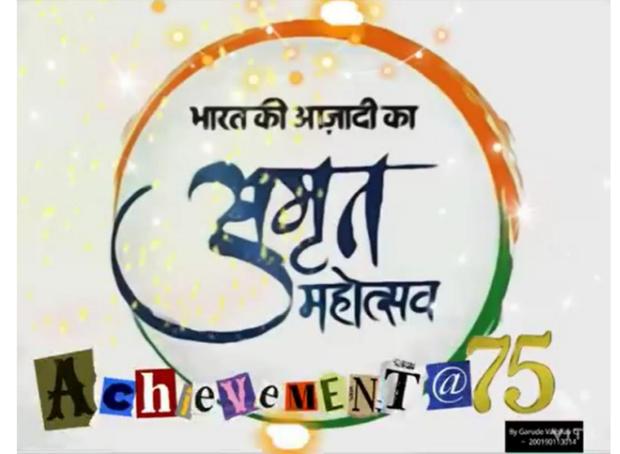
यह देश हर धर्म के लोगो का घर है.
मुझे इसीलिए भारतीय होने का गर्व है।



Slogan writing competition

GIF competition

The Government of India is celebrating the 75th year of Independence as "Azadi ka Amrut Mahotsav" across the country and as a part of this celebration an online GIF Creation competition was organized on 12/01/2022 by Prof. J. R. Joshi and Prof. D. D. Dhimmarr from the Chemical Engineering Department of GEC Valsad as per the direction given by GTU. A total of 55 entries were received but due to GTU Exam and mid-semester exam, only 36 students participated.



GIF competition

Activities done under Amrut Mahotsav par yuga Sankalp- Shresth Bharat ke Panch Prakalp with UBA team.

India recently completed 75 years of its freedom from Colonial British. So, our honourable prime minister of India decided to celebrate this auspicious year as AZADI KA AMRIT MAHOTSAV. This Mahotsav is dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential to enable Prime Minister Narendra Modi's vision of activating India 2.0, fuelled by the spirit of Atma nirbhar Bharat. The official journey of Azadi Ka Amrut Mahotsav commenced on 12/03/2021 which started a 75-week countdown to our 75th anniversary of independence and will end post a year on 15/08/2023.

As a part of this celebration, GOG has introduced Shresth Bharat ke Panch Prakalp. Under this title, all the government institutes are instructed to carry out various programs in selected/adopted 10 villages (1. Shankartalav, 2. Bhagod, 3. Kevada, 4. Atar, 5. Chichwada 6. Segvi, 7. Vashiyar, 8. Tithal, 9. Bhagdawada and 10. Kosamba.) closer to our institute.



Village visit for PanchPrakalp

The panch praklaps are: 1) Corona Sankramanatkavtatharasikaran 2) Paryavaran Swatchata, Jal saurakshantemaj Jal Sanchay, 3) Gau Adharit Prakrutik Kheti, 4) Nashabandhi Temaj Kurivaj Nivaran and, 5) Fit India, 6) Azadi Praptima Swtantra senaniona Yogdan temj Jivan parichaybabat. In this quarter all activities under the banner of Panch Prakalp conducted with Unnat Bharat Abhiyan (UBA).

Painting competition



As a part of the celebration of "Azadi ka Amrut Mahotsav", an online Painting competition was organized on 25th January 2022 by NSS of GEC Valsad as per the direction given by GTU. The event was coordinated by Prof. J. R. Joshi and Prof. S. T. Patel. In this Painting Competition, GEC Valsad invited artistic expression on the theme "My idea of freedom" Total of 49 students participated in the said competition. The time limit for the painting competition was of 75 minutes. At the end of the competition, the result was declared and feedback was provided.



Virtual Lab Activity of GEC, Valsad

To provide remote access to Labs in various disciplines of Science and Engineering, the Ministry of Human Resources Department has started Virtual Lab projects under National Mission on Education through ICT. Since 2018, GEC Valsad has taken up this opportunity as the Nodal Centre under IIT Bombay and made this facility available to the students.

BRANCH	No. of Users	No. of Usage	Available Practicals
Chemical	241	861	18
Electrical	92	438	8
Civil	12	65	14
Environment	19	64	2

Donation drive for Armed Forces Flag Day

Since 1949, 7th December is observed as the Armed Forces Flag Day throughout the country to honor the martyrs and the men in uniform who valiantly fought & continue to fight on our borders to safeguard the country's honor. We must not only show our admiration for the martyrs and the living heroes who were wounded while doing their duties but also for their families who have been a crucial part of this sacrifice. Apart from Government measures at the Centre and the State level, it is the collective duty of every citizen of our country to make his/her unstinted and voluntary contribution towards providing care, support, rehabilitation, and financial aid. Flag Day brings to the forefront our commitment to look after our war disabled Soldiers, Veer Naris, and the families of martyrs who have sacrificed their lives for the country. Under the NSS GEC Valsad, we have collected donations from the student and staff members for "Armed Forced Flag Day" as per the direction of NSS-GTU. The collected amount was 11,670/- and submitted cheque to GTU.



Donation cheque by NSS GTU for Armed Forced Flag Day to Sainik Welfare fund

Activities done by NSS-GEC Valsad

The National Service Scheme (NSS) is a Central Sector Scheme of the Government of India, Ministry of Youth Affairs & Sports. It provides the opportunity to the student youth of Technical Institution, Graduate & Post Graduate at colleges to take part in various government led community service activities & programs. The sole aim of the NSS is to provide hands-on experience to young students in delivering community service. Our NSS volunteers are taking part in various activities such as a national integration camp, a celebration of Azadi ka Amrut Mahotsav, blood donation camps, tree plantation in adopted villages, cleaning, and beautification of villages, service, covid-19 duties given by state governments, collection of the unused and left-out medicine for covid-19 patients, parades on Independence Day and Republic Day celebration at our college. In this NSS GECV team Prof. J. R. Joshi, Assistant Professor, Chemical Engineering Department is working as a coordinator along with his team members such as Prof. M. P. Chauhan, Mechanical Depart and, Prof. A. H. Rana, Civil Engineering Department.

Women's Day Celebration

On the occasion of the Women's Day Celebration, the Women Development Committee of the institute organized a full-day event. It was held on 8th March 2022. The theme for the year 2022 was "Gender equality today for a sustainable tomorrow". After two years of pandemic, the students returned to the institute in offline mode. So, the WDC team organized a series of events with the thought to welcome them with fun and frolic. All the members of the committee gathered and after a series of discussions created a minute-to-minute program schedule for the day.

The program was inaugurated by lighting of the lamp by our Respected Principal sir and all the Heads of the Department. Prof. S. V. Damania, in-charge Principal gave the welcome speech relevant to the occasion and Prof. Monali Patel spoke a few words of Motivation and urged all the girls' students and female faculties to celebrate the day and make beautiful memories to cherish. Then the event was declared open for the girls' students to celebrate.

Girls students participated in the function and showcased their hidden talents of singing and dancing. Also, there were a lot of other events like drama, music, food stall, exhibition, fashion show, and speeches. The food stall was declared open for all the staff and students of the institute. All the faculties and students actively participated in the food stall during the lunch hour, which eventually encouraged the participants. Also during the lunch hour, the exhibition of paintings and art created by students of GECV was held. The students who exhibited their paintings and creativity were Ms. Adithi Pillai (200190113002), Ms. Sejal Singh (200190113008), and Ms. Prakruti Patel (190190106050), Ms. Feni Bhandari (190190106004) and Ms. Muskaan Ansari (200190109007). As a part of gratitude, Ms. Vency Patel, daughter of one of our faculties who is very much creative at a small age also exhibited her creativity in the exhibition. The fashion show was the lime-light of the day. It stole the show and in fact everybody enjoyed it with full enthusiasm. The program concluded with Garba. All the girls' students and female faculties enjoyed the Garba session. The WDC committee is thankful to Civil Engineering Department for providing the hall and corridor for organizing the function smoothly. The committee is also thankful to all the members of the WDC committee for conducting the audition of participants and training them, decoration team, for making the necessary arrangements for the food stall and for all other related teams involved in the function. All the committee members of the Women Development Cell took keen interest and contributed immensely under the chairmanship of Prof. Khyati Modi for the all-round success of the event.



GOVERNMENT ENGINEERING COLLEGE, VALSAD

75 Azadi Ka Amrit Mahotsav

INTERNATIONAL WOMEN'S DAY!

Women Development Cell of Government Engineering College, Valsad cordially invites you to its celebration of International Women's Day which will be held on 8 March 2022.



MARK IT ON YOUR CALENDAR AND COME CELEBRATE WITH US ON 8TH MARCH

Activity List

- Dancing
- Singing
- Mono Acting
- Poem Reciting
- Speech
- Fashion Show
- Decoration
- Food stall _____etc.

01

Venue : Civil Department (EG-1201)

02

Time : 10:30 AM onwards



Minute to Minute Programme

11:00 AM - 11:05 AM	Lamp Lighting by Resp. Principal sir and all HOD's of GEC, Valsad
11:05 AM - 11:10 AM	Inaugural Address by Resp. Principal sir
11:10 AM - 11:15 AM	Welcome address by Prof. Khyati Modi, Chairman, WDC
11:20 AM - 01:00 PM	Activities (Dance, Drama, Singing and Speech)
01:00 PM - 03:00 PM	• Food stall (open for all) • Exhibition
03:00 PM - 04:00 PM	Venue: Civil Department corridor
04:00 PM onwards	Fashion show by GECV girls
	Garba, DJ, Games



Glimpses of Women's Day

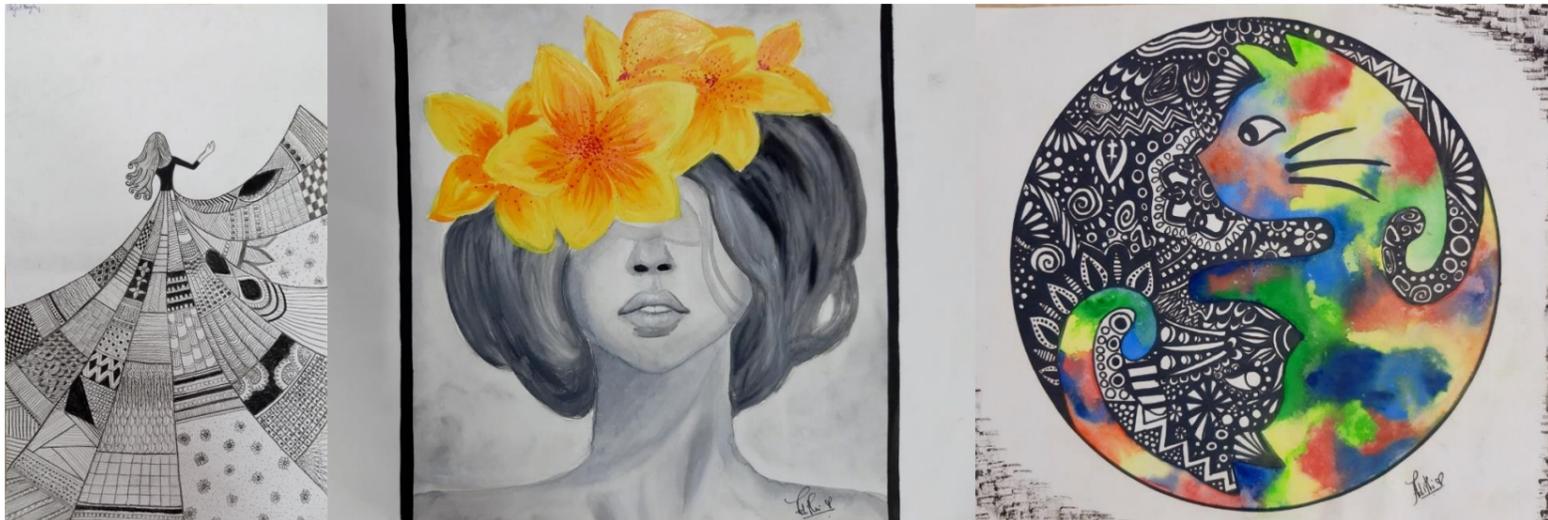


Fashion show participants

Faculties and housekeeping staff on the occasion of Women's day celebration

Fashion show participants

Paintings for exhibition on the occasion of Women's day



Sejal Singh

Adithi Pillai

Adithi Pillai



Vency Patel

Vency Patel

Vency Patel

Prakruti Patel

Ansari Muskaan



Prakruti Patel



Prakruti Patel



Ansari Muskaan

SC-ST Cell

The SC ST Cell of the institute organized a webinar on "Existence of God". Dr. Kaushal Thakkar, HOD Physics, Government College Daman delivered the webinar on "Existence of God" on 16/02/2022. 164 students and 5 faculties attended the webinar. The expert started the session with interesting facts about the universe and its creation. The expert very well explained the science behind the creation of the universe and force that causes or governs the flow of energy. The expert connected a science with the laws of nature by supporting proven scientific facts and explained students in detail about how fraction of seconds has governed the existence of universe and insisted about presence of almighty god. Prof N. S. Patel concluded the webinar by providing more insight on how integrated personality development can help students to achieve their goals of life and thanked all participants, expert and respected Principal Sir. The students were encouraged to advance their understanding in integrated personality development course.



Screenshot of the webinar

Workshop on basics of CAD software

The workshop on "basics of CAD software" was organized by Prof. H. N. Patel and Prof. K. A. Chaudhari of the mechanical engineering department under the guidance of HOD Mechanical, Prof. S. V. Damania. It was conducted on 22/03/2022 from 11:00 AM to 4:00 PM at the CAD Lab facility (A-217) available at Mechanical Engg. Dept. Mr. Deepak Kundaram from Khodiyaar CAD center, surat demonstrated his expertise in Solidworks and Autocad. A total of 72 mechanical engineering students of BE 6th semester actively participated and took the benefit of the workshop. The students did hands-on practice on preparing 2D and 3D CAD Models. They also learned the usefulness of the above software and its real application in industrial field of CAD/CAM.



Screenshot of the workshop

Paper Publication/presentation by the faculty in Journal/Conferences

1. Prof. R. V. Prajapati (Asst. Prof., Chemical Engg. Dept.) and Dr. S. K. Srivastava (Asst. Prof., Chemical Engg. Dept.) has published a research article titled "A Novel SBA-15/H-ZSM-5 Composite Catalyst for Conversion of Furfuryl Alcohol to Ethyl Levulinate." Waste Biomass Valor (2022), Springer Nature. <https://doi.org/10.1007/s12649-022-01707-y>
2. Dr. B. R. Sudani (Asst. Prof., Chemistry) along with students Ayush raj, M. K. Pandey, and P. P. Singh have presented a paper on "Lab scale preparation of activated charcoal from ceiba pentandra bio-waste and comparative efficiency study" in international conference RACES-2022, organized by department of chemical engineering, SVNIT-Surat in association with ICT-IOC Bhuvneshwar during 17th-18th Feb 2022.
3. Prof. R. R. Malan; Applied Science and Humanities Dept., presented a paper titled "Study of groundwater pollution: non-uniform unsteady flow" in the 2nd International Conference (Online Mode) on Mathematical Modelling and Simulation in Physical Sciences (MMSPS-2022) organized by SVNIT, Surat on 5th-6th Feb 2022.
4. Prof. K. D. Patel; Applied Science and Humanities Dept., presented a paper titled "Analytical Solution of Solid Cancer Growth Model with Angiogenesis using Differential Transform Method" in the 2nd International Conference (Online Mode) on Mathematical Modelling and Simulation in Physical Sciences (MMSPS-2022) organized by SVNIT, Surat on 5th-6th Feb 2022.
5. Prof. R. R. Malan; Applied Science and Humanities Dept., presented a paper titled "Contaminant transportation modeling with time-dependent dispersion" at 1st International Conference on "Advances in Water Treatment and Management (ICAWTM-22)" organized by Pandit Deendayal Energy University, Gandhinagar, Gujarat, INDIA on 25th-26th March 2022
6. Dr. K. L. Mokariya, Electrical Engg. Dept. published a paper on 10th March 2022 titled "Solar PV based EV charging in India: The growing start-up ecosystem Analysis, Challenges and solutions" in a Scopus indexed journal "Advances in Dynamical Systems and Applications (ADSA)".
7. Prof. H. N. Lakdawala, Mechanical Engg. Dept., published a paper titled "Experimental Investigations of Jet Expansion for Hydraulic Nozzles of Different Materials" in International Journal of Engineering Trends and Technology, Volume 70, Issue 2, 137-142, February 2022. doi:10.14445/22315381/IJETT-V70I2P216
8. A review paper titled "Development in multiple-phase change materials cascaded low-grade thermal energy storage applications: A review" written by Prof. J. M. Panchal, Mechanical Engg. Dept., GEC Valsad as the main author has been published in the "Cleaner Engineering and Technology" open-access journal of Elsevier. <https://doi.org/10.1016/j.clet.2022.100465>

Other Achievements

1. Prof. K. D. Patel; Applied Science and Humanities Dept., has completed her Ph. D. on "Differential Transform Method to Study the Mathematical Models of Malignant Tumor Growth and Anticancer Treatment" under the guidance of Dr. D. C. Joshi, Professor & Head of the Mathematics Dept., VNSGU, Surat.
2. Dr. S. K. Srivastava (Asst. Prof., Chemical Engg. Dept.) is recognized as a Ph.D. supervisor at Gujarat Technological University and his name is included in the 27th list of Ph.D. supervisors.
3. Prof. H. M. Jariwala (Asst. Prof., Chemical Engg. Dept.) has completed Translation for lecture series of "Basic Principles and Calculations in Chemical Engineering" in Gujarati language offered by IIT Guwahati, Assam.
4. Work order for the Detailed Third-party Quality assurance services for the work of Construction of Administration building, 2no. Lecture Hall Complex & 80 nos. Type-III Quarters at SVNIT Campus, Surat including Internal Water supply and Sanitary Installation, Drainage, Providing Internal Electrical Installation, Solar Photovoltaic Power plant, Lighting protection system, UPS, PA system, CCTV, Pump set, Lifts, Firefighting system, Fire Alarm system, Signages, HVAC system, etc. of Rs. 22,51,111/- have been given to GEC, Valsad under the headship of Prof. D. J. Patel.
5. Dr. K. L. Mokariya, Electrical Engg. Dept., Ganesh R. Patil, Electrical Engg. Dept. student and Industry mentor Shri Hitesh Bhingrajya filled the patent on "PLC, IoT, Controller-based smart, efficient, flexible street light with advance management control system", on 07/01/2022. This patent is published on 04/02/2022.

INDUSTRIAL VISITS

1. The Department of Chemical Engineering organized an industrial visit to Valsad sahakari khand udhyog mandli limited on 29th March, 2022. The visit was organized for fourth-semester students of chemical engineering department. The visit comprised 123 students and was accompanied by four faculty members namely Dr. B. R. Sudani, Dr. N. J. Modi, Prof. A. R. Magodara, and Dr. S. K. Srivastava. The students and faculty members were welcomed by Mr. Mamleshbhai Patel, Plant supervisor, and were briefed about the safety measures to be followed during the industrial visit. Further, Mr. Mamleshbhai Patel gave a detailed explanation to the students about the entire process from unloading the sugarcanes from trucks to obtaining the final product (Sugar) and its packaging. Students were shown various types of equipment such as boilers, multiple-effect evaporators, crystallizer pans, thickeners, crushers, etc. Students also visited the effluent treatment plant and observed the process which is being carried out in different stages. The visit proved to be fruitful for the student and satisfied its objective of demonstrating various unit operations and unit processes and understanding the working of an effluent treatment plant.



VALSAD SAHAKARI KHAND UDHYOG MANDLI LIMITED

2. 70 pre-final year (6th sem) students of the Civil engineering department have been visited the Water treatment plant at Abrama, Valsad on 25th March 2022 along with Faculty Prof. Neha M. Patel & Prof. Keval M. Tandel.



Visit to Water Treatment plant, Abrama, Valsad

Webinar/Expert Lecture/Talk delivered by Faculty Members

1. An invited talk was delivered by Dr. R. C. Malan Applied Science and Humanities Department on "Life and Work of Sir C V Raman" on the occasion of National Science Day at District Science Centre, Dharampur, Valsad on 28th February 2022.
2. A workshop has been organized in Civil Engineering Department in Computer lab for 4th semester students on "learning AUTOCAD Software" and the Speaker of the event was Dipak Kachhad from Khodiyar CAD center, Surat. About 45 students have participated.



Workshop on learning AUTOCAD software

3. Two Expert lecture was delivered by Dr. Kashyap L. Mokariya, Electrical Engg. dept. on "Selection and sizing of solar PV Plants for domestic, commercial load and EV charging in INDIA", and "Solar pumping system with automation and efficient flow control strategy, a boost to National economy" at GUJCOST sponsored 03-day workshop at Parul Institute of Engineering and Technology (Diploma Studies) based on the title "Design and Implementation of solar rooftop system" on 10th March 2022 and 11th March 2022.
4. An expert talk under ECO-Club was delivered by Dr. B. R. Sudani (Asst. Prof. Chemistry.) on "Social awareness about the environment and its conservation" at Moti Saron Village, Ta. Valsad on 8th March 2022.

STUDENTS CREATIVITY

Ms. Sejal Singh
Environmental Engineering Department
Enrolment no. : 200190113008



Women's Day celebration expo (Paintings by Sejal)

Ms. Adithi Pillai
Environmental Engineering Department
Enrolment no. : 200190113002



Women's day celebration expo (Digital Paintings by Adithi)



Abstract painting of Autumn season



Pen sketch of a bird



Abstract painting of blue moon



Zentangle art



Abstract painting of blue moon

Ms. Saloni Rakeshbhai Patel
Electrical Engineering Department
Enrollment No.: 200190109044

જીવન

જીવન એક ગ્રંથ છે ,

એનો અભ્યાસ કરો .

જીવન એક તક છે ,

એને ઝડપી લો.

જીવન એક પ્રેમ છે ,

એને નિભાવી જુઓ .

જીવન એક સાહસ છે ,

એને કરી જુઓ .

જીવન એક વચન છે ,

એનું પાલન કરો .

જીવન એક રમત છે ,

એને રમી જુઓ .

જીવન એક નસીબ છે ,

એને અપનાવી જુઓ .

જીવન એક યાત્રા છે ,

એને પૂર્ણ કરો .

જીવન એક અમૂલ્ય ભેટ છે ,

એને સ્વીકારો . .

Ms. Shweta Chopda
Environmental Engineering Department
Enrolment no.: 180190113008

A poem on the "Communal outrage" on current scenario.

Blame Game

What's this our belief in religion or faith?

These both terms contradict though standing on the same gate,

Political diplomacy & dancing democracy is like never ending trend,

Educational institutions believes in uniform equality then why there is communal outrage,

Hijab is your right & saffron is also polite

But it's leading you to some misconception drive,

Whom you'll blame for this yourself or faith naive?

People are there to brainwash you but don't take that bribe,

Have denomination in your surrounding but don't let this you to describe...

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