

Photography Workshop



A third state level 2-days Photography Workshop (Photoengineers) had organized by T&P Cell on 25-26 April 2022. The whole event is co-ordinate by Prof. S. T. Patel and Prof. B. K. Patel. Total 23 participants from various engineering colleges and organizations across the Gujarat have actively participated in the workshop. Saurabh Desai, a well known Nature, Fine art and Wildlife photographer whose work has been published on many national and international platforms have shared his experience as a main speaker. Prof. Milap Madhikar has also delivered various talk on the subject.

ગુજરાત સિંચ

વલસાડના વિદ્યાર્થીઓએ અકસ્માત અટકાવતાં રોલિંગ બેરિયર બનાવ્યાં

ગવર્નમેન્ટ એન્જિનિયરિંગ કોલેજના વિદ્યાર્થીઓએ રિસર્ચ કરી આ બેરિયર તૈયાર કર્યા

વલસાડ: વલસાડ જિલ્લામાં રોજબરોજ અકસ્માતો થતા રહે છે. જેમાં અનેક લોકોના મૃત્યુ પણ નિપજે છે. ત્યારે આવા ગંભીર વાહન અકસ્માતોમાં વાહનોને ઓછું નુકસાન થાય અને લોકોના મૃત્યુ અટકે એ માટે વલસાડ ગવર્નમેન્ટ કોલેજના વિદ્યાર્થીઓ દ્વારા શોક ઉર્જાને રોટેશન ઉર્જામાં રૂપાંતરીત કરતા સેફ્ટી રોલિંગ બેરિયરનો પ્રોજેક્ટ તૈયાર કરાયો છે.



વલસાડ ગવર્નમેન્ટ કોલેજના વિદ્યાર્થીઓને વાહનોમાં થતાં જીવલેશ અકસ્માતોમાં નુકસાન ઘટાડવાનો પ્રોજેક્ટ અપાયો હતો. જેમાં રાજ પટેલ, બિનલ મિસ્ત્રી, મનિષ પટેલ અને સુનિલ ભગરિયાએ પ્રા.ધવલ બારોટ સાથે સિવિલ એન્જિનિયરિંગના એચઓડી

દેવેન્દ્ર પટેલના માર્ગદર્શન હેઠળ સેફ્ટી બેરિયરનો પ્રોજેક્ટ તૈયાર કર્યો છે. આ સેફ્ટી બેરિયર વાહનોથી થતી શોક ઉર્જાને રોટેશનલ ઉર્જામાં રૂપાંતરીત કરી વાહનોના આંચકાને શોષી તેને આગળ ધકેલી દે છે. જેના થકી વાહન બેરિયરને તોડવાના બદલે આગળ ધપી જાય છે અને પલટી મારતા પણ અટકી જાય છે. જેના થકી અકસ્માતની તીવ્રતા ઘટી જાય અને અંદર સવાર લોકોનો જીવ બચી શકે છે. આ બેરિયર વલસાડમાં હાઈવે પર, અનેક વળાંકવાળા માર્ગ પર, પહાડી વળાંકવાળા રોડ પર લગાવવા માટે પણ વિદ્યાર્થીઓએ સૂચન કર્યું હતું.

Environment week celebration

Environment pollution is a global issue as it is increasing gradually and causing a serious impact on living organisms including humans. The Environment and Energy Cell coordinated by Dr Kashyap L. Mokariya and Prof Dipendrasinh C. Parmar, ECO Club coordinated by Dr Badresh R. Sudani, NSS coordinated by Prof Jignesh R. Joshi and with support of all head of departments, faculty member and students one-week Environment awareness campaign was conducted in which students from all departments participated.

An expert session for nature in India was organized by Shri Mautik Dave State Head WWF (World Wide Fund) on 4th June 2022. He also talked about the environmental activities carried out by the WWF and the activities related to animal protection. He also talked about the trees to be planted in different areas and regions according to the geographical area of the place. The second session was delivered by Dr Kashyap L. Mokariya regarding the Importance of spreading awareness for Environment. He highlighted the Natural Pollution and manmade pollution. The Industrial pollution (45%), waste burning (17%), Diesel Generator (9%), Transport sector (14%) (Probably second largest in world), Dust and construction (8%), Domestic cooking (7%). He also highlighted the importance of tree plantation along with Dr Badresh R. Sudani. Dr B R Sudani also explained pen recycling activity and biomass Briquette making. An environmental awareness play was prepared by first year and second year electrical engineering students and supported by chemical engineering students. More than 150 trees were planted not only in GEC Valsad campus but also in Government Officer Colony Valsad, Segvi, Pallihill, Mograwadi, Halar. Students performed plays and spread awareness in many places of Valsad district.



Tree plantation in Government Officer Colony



An environmental awareness play performed by students



Group photo with Students

Technology Day:

On the occasion of Technology Day, LD College of Engineering, Ahmedabad organized National Technology Day on 5-6 May 2022 with many competitions. Three teams from Government Engineering College Valsad participated in the circuit design competition and one of them won the second prize.

Team members Bhavin A. Halpati (210190109014) and Nayan D. Varlekar (210190109006) from 1st year Electrical Engineering Department.



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

Total 53.22% of 3rd semester students secured first class with distinction in winter 2021 examination and following table shows the list of top ranker students from each department.

BE 3rd semester Toppers:

Sr. No.	Branch	EnrollmentNo.	Name of Top Ranker student (Highest SPI)
1	Chemical	200190105023	KoladiyaSanketMukeshbhai
2	Civil	210190106509	Bhandari AkshilkumarSanjaybhai
3	Electrical	200190109035	Patel KhushiJayeshbhai
4	Environmental	200190113008	Singh SejalTripurari
5	Mechanical	200190119079	TandelDhvanilKiritbhai

On the occasion of national Technology day GEC, Valsad has provided an opportunity to the students to showcase their skill of presenting their technical skill and knowledge through an event: Poster Presentation Contest 2K22. The theme of the event was "Recent Advancement in Science and Technology". Around 50 posters on different topics were presented by the students. Around 50 teams consisting of 200+ students have participated in the event. Prof. S. V. Damania inaugurated the event and given a speech on the occasion. The event was coordinated by Dr. R. C. Malan and Dr. B. R. Sudani. Prof. H. M. Jariwala, Dr. S. K. Srivastava, Prof. S. K. Patel, Prof. H. N. Patel have provided his expertise as jury member of the contest. The event management was handled by Prof. V. R. Visavaliya and his team.



Expert sessions on 'Innovation and Opportunities for Sustainable Development'

Poster Presentation Contest: 2022- National Technology Day

Out of the Box Thinking for Problem Solving

IIC-GECV has conducted two expert sessions on 'Innovation and Opportunities for Sustainable Development' at K. B. S. Haria Commerce College and Natraj Professional Science College, Vapi on 07th July, 2022. Dr. B. R. Sudani and Dr. R.C. Malan has delivered the talks on the said topic. Around 200 students have participated in the event.

An online Session on "Out of the Box Thinking for Problem Solving" was organized as an MIC driven activity under IIC-GECV on 28th June, 2022. Prof. V. Kamakoti, Director, IIT Madras has provided information regarding the newly launched course by IIT, Madras for the students to make them able to think out of the box. The activity has been coordinated by Dr. C. Malan, President IIC-GECV.

Expert Session

An International webinar on Technology Driven Innovation and Start-ups in Electrical Vehicles was conducted on Microsoft team platform on 21st June, 2022. A session expert Dr. Pritam Gujarati, is a business developer, i-Switch technologies and business service LLC, Oman. He is also a certified energy auditor. 281 participants including students, faculty and industry persons from cross different countries have been benefited by the webinar. Dr. K. L. Mokariya, Head Electrical Engineering Department and Dr. R. C. Malan, Head Applied Science Department have coordinated the webinar under the guidance of respected Dr. V. S. Purani sir, Head of the institute.

Expert Lecture/Talk delivered by Faculty Members:

An Invited talk was delivered by Prof. H. N. Patel and Prof. S. K. Patel from Mechanical Engg. dept. on "Taluka level 9th to 12th standard students' career awareness program" at B. R. International school, Kharvel, Dharmapur, Valsad on 02nd June 2022. More than 60 school students got benefitted. Following are the glimpses of the expert talk.



Pictures of the Taluka level 9th to 12th standard students' career awareness program

Webinar organized by the Department:

A webinar was organized by Electrical Department under SSIP and IIC on 22nd June 2022. Mr. Bhairav Shinde Chief Account Manager of GTT Foundation, Dr. Kashyap L. Mokariya head of the Electrical department and Dr. Rajesh C. Malan Head of the Applied Sciences and Humanity delivered a session on "Social Innovations, Skills, Challenges and Solutions". Total 68 enthusiastic students of Second semester from Electrical, Mechanical and Civil Engineering department had participated in this Session. Mr. Bhairav Shinde chief account Manager GTT Foundation has delivered a session on importance of soft skills for the students, what are the needs of industry in terms of soft skills. Dr. Kashyap L. Mokariya Head of the Electrical department has delivered a session on what is Social Innovation, what are the challenges in Social Innovation, the skills required for the social innovations. At the end Dr. Rajesh C. Malan President IIC committee has delivered a session on need of entrepreneurs and start-ups for the country. The session was coordinated by Prof. Nitin I. Patel and Prof. Devendra N. Tandel.



Student interacting with the expert

PLACEMENT

Following students from Civil Engineering department are selected in the "Sterlite Power, Silvassa" under Training & Placement Cell, Valsad under "Apprenticeship 2022-2023".

Candidate Name	Discipline	Business
Pratik Ashokbhai Vegad	Civil	Sterlite Power
Pooja Patel	Civil	Sterlite Power

ACPC

An ACPC and ACPDC awareness program-2022 was conducted at G.E.C. VALSAD on 12/06/2022 during 10:00 to 12:00 for ACPC and 04:00 to 06:00 for ACPDC. The venue of the program was seminar hall, Civil Engineering dept. Prof. N. S. Patel & prof. R. C. Malan were the nodal institute officers coordinating this seminar. As shown in Figure 1, Prof. N. S. Patel presented the seminar and total 120 participants including parents got benefitted for from this program.



Glimpses of the awareness program

Faculty achievement:

The department congratulates Prof. H. N. Patel for publishing a review paper with details as follows:

1. A review paper titled "Recent advances in performance enhancement techniques and the perspective of solar energy for automobile air-conditioning system-a critical review" written by Prof. H.N. Patel, Mechanical Engg. Dept., GEC Valsad as the principal author, under the guidance of co-author Prof. Dr. K. V. Modi, GEC Bhuj has been published in the "Solar Energy" journal of the Elsevier publication. (Impact factor 7.188).
The paper can be viewed/cited using the following details:

DOI number: <https://doi.org/10.1016/j.solener.2022.06.003>.

Journal ISSN: 0038-092X

2. Prof. H. A. Vaidya has reviewed two research papers in the 'SOLAR ENERGY' journal in this quarter.

Other achievement by Faculties:

As per instructions received from the Director of Technical Education, the SSIP coordinators of GEC Valsad, GP Surat, and GEC Surat (Dr S & S S Gandhi College) have to remain present in the SSIP/GKS stall at the Exhibition of Global Patidar Business Summit 2022 at Sarsana Convention Centre, Nr. Khajod Crossing, Althan Road, Surat-395007, Gujarat, India for three days from 29th to 1st May 2022. Being SSIP Coordinator of the Institute Dr Kashyap L. Mokariya was present at the place on 30th April and 1st May 2022, as per communication with authorities. SSIP/GKS has taken a total of 10 stalls in the exhibition. In 9 stalls, startups were exhibiting their products /services and in one stall the SSIP coordinators of the colleges mentioned were present in the exhibition to brief about SSIP activities visit us. All queries of SSIP phase 1 and SSIP phase 2 were resolved and the role of technical education institutes, Higher Education Institutes and schools were properly conveyed. The ongoing start-up schemes of Gujarat Government and Events at iHub Gujarat was properly conveyed to a large audience visited the stall (Approximately 1000 people). Exhibition spread huge amount of awareness amongst the attendee.



Industrial Visit

Details of Industrial Visit: The Environmental Engineering Department organized Industrial visits at five different locations for the students of the department. The first visit was held at Water Treatment Plant, Valsad dated 5th April 2022 (24 students from 4th semester); 6th April 2022 (6th semester students, batch-1: 30 students) and 7th April 2022 (6th semester, batch-2: 34 students). All the three batches were accompanied with Prof. Meera K. Kunvarani on day 1, Prof. Monali N. Chaudhary on day 2 and Prof. Monali H. Patel on day 3.



4th semester students with Prof. Meera K. Kunvarani



6th semester students (Batch 1) with Prof. Monali N. Chaudhary



6th semester students (Batch 2) with Prof. Monali H. Patel

The second Industrial visit was conducted at Common Effluent Treatment Plant & Centre of Excellence, Vapi dated 12th April 2022 (6th semester students, batch-1: 35 students) and 13th April 2022 (6th semester, batch-2: 34 students). Both the batches were accompanied with Prof. K. K. Modi & Prof. M. N. Chaudhary on day 1 and Prof. M. H. Patel & Prof. M. K. Kunvarani on day 2.



6th semester students (Batch 1) at CETP, Vapi



6th semester students (Batch 2) at COE, Vapi



4th semester students conducted at J.B. Chemicals & Pharmaceuticals Ltd.

The third Industrial visit was conducted at J.B. Chemicals & Pharmaceuticals Ltd., Panoli, Ankleshwar dated 25th April 2022 (27 students from 4th semester) along-with Prof. M. N. Chaudhary and Prof. M. K. Kunvarani.

The fourth Industrial visit was conducted at Bharuch Enviro Infrastructure LTD (BEIL), Ankleshwar dated 25th April 2022 (27 students from 4th semester) along-with Prof. M. N. Chaudhary and Prof. M. K. Kunvarani.

The fifth Industrial visit was conducted at TSDf site, Vapi Green Enviro Ltd., dated 4th May 2022 (14 students from 4th semester) along-with Prof. K. K. Modi.



4th semester students at Bharuch Enviro Infrastructure LTD



4th sem Students at TSDF site

The faculties of Environmental Engineering Department visited few industries and consultancies located near Surat and Vapi GIDC's. The purpose of the visit was to evaluate the performance of final year students undergoing 12 week internship programme. Further, agendas like Expert lecture, Student industrial visit, Student training, MoU, etc. were also discussed.



Faculty with their students at industrial training

TECHNICAL VISIT

50 pre-final year (6th Sem) students and 35 second year (4th Sem) students of Civil engineering department were visited the Ukai dam, Ukai on 8th April 2022 along with Faculties, Prof. Viral D. Patel, Prof. Neha M. Patel, Prof. Soham H. Mistry, and Prof. Keval M. Tandel.



Visit to the Ukai dam, Ukai

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Poem by Ms. Riya Patel

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THE COMPANION

New encounters, busy days

Silence of nights, incompetent days

Night turns to dawn

But may the unchangeable truth change to voidness?

Someone's birth, someone's reincarnation?

Beautify silence among the four walls

Peace asked "May I enter?"

I didn't hesitate even though I know its arrival and departure keeps fluctuating

And I'll keep trying my best for it

The moment the fleeting breeze enters, soft, cool and alarming

I felt peace after months

And here I felt euphoric and resilient

I let myself connect to the Earth

Everyone's Companion

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