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College Song

BY NIREN BHATT

धड़कन की यह सदा है, हर दिल की यही पुकार है ।
हां हम दिल से कहते हैं, हमें अपनी कॉलेज से प्यार है । (२)
यह शहर से कितना भी दूर सही,
पर सबके दिलों से दूर नहीं ।
माना कि दुनिया में इतना मशहूर नहीं,
माना कि यह बहुत सताता है,
माना कि बहुत रुलाता है,
पर छोटे बच्चों से इंसान यही तो बनाता है ।
हम हैं यहां, किस्मत से है यहां,
गम भूलो, खुशियों का है समा, (२)
हमें आंचल में है समेटे,
ये ऐसा दिलदार है ।
हां हम दिल से कहते हैं, हमें अपनी कॉलेज से प्यार है ।
धड़कन की यह सदा है, हर दिल की यही पुकार है ।
हां हम दिल से कहते हैं, हमें अपनी कॉलेज से प्यार है ।
धूप में खूब चलाता है, शोलो में खूब जलाता है,
लेकिन ममता की छांव भरी गोद में, यही सुलाता है ।
पानी नहीं तो क्या हुआ प्यार हमें पिलाता है ।
बेगानी सी इस दुनिया में इज्जत यही दिलाता है ।
जिंदगी के लंबे इम्तिहान लेता है, कांटे भी देता है,
लेकिन फूल भी तो यही देता है ।
ये जहां में हमारी, दास्तान हो हमारी
महका दे कारवां जो वो सुबह हो हमारी, (२)
हम रहेंगे जहां, फूल खिलेंगे वहां,
हम चलेंगे जहां छोड़ेंगे अपना निशान ।
अरमानों की ये बस्ती, सपनों का संसार है ।
हां हम दिल से कहते हैं, हमें अपनी कॉलेज से प्यार है ।
धड़कन की यह सदा है, हर दिल की यही पुकार है
हां हम दिल से कहते हैं,
हमें अपनी कॉलेज से प्यार है । (3)

Vision

To become a leading engineering institute in the state, by developing excellent engineers capable of fulfilling needs of industry, society and nation at large.

Mission

1. To provide conducive academic environment motivating the aspiring engineers to achieve excellence
2. To impart ethics and core values in graduates
3. To promote contemporary infrastructure and external linkages

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Words of Motivation

Dear Students, Faculty and Staff,

It is with immense pride and a deep sense of satisfaction that I address you through the pages of our college magazine. This year has been a testament to the resilience, creativity, and unwavering spirit of our academic community.

It was a year of academic and professional synergy. In our pursuit of staying ahead of the curve, the Applied Mechanics Department and the General Department successfully organized a Short-Term Training Program. These initiatives are crucial in bridging the gap between classroom theory and industry application, ensuring our faculty and students remain at the forefront of technological advancements. This spirit of inquiry was further fueled by several Industrial visits across various departments, providing our students with invaluable first-hand exposure to the professional world.

We celebrated Engineer's Day, Teachers' Day, Navratri, and Ganesh Utsav with great fervor. We also celebrated home coming of our Alumni, batch-2000. Seeing our graduates returning as industry leaders and pioneers was truly inspiring and reinforcing the lifelong bond that exists within our institution.

Our present students emerged as winners at Hackathon, Youth Festival, Excel Expression, and various sports events showcasing their innovative ideas, technical prowess, cultural brilliance and athletic spirit. Together, we all enjoyed achievements on the occasion of Meet and Greet .

I extend my heartfelt congratulations to the editorial team, the faculty coordinators, and, most importantly, the students whose achievements fill these pages. Let us continue to strive for excellence.

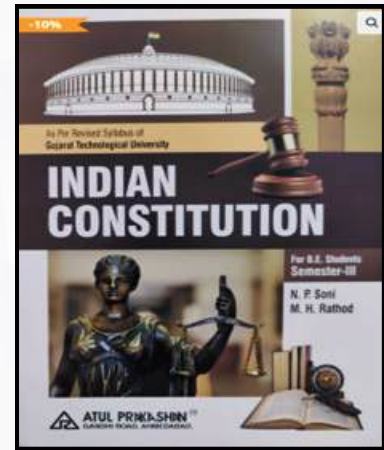
Best regards,
Dr. G. P. Vadodaria
Principal



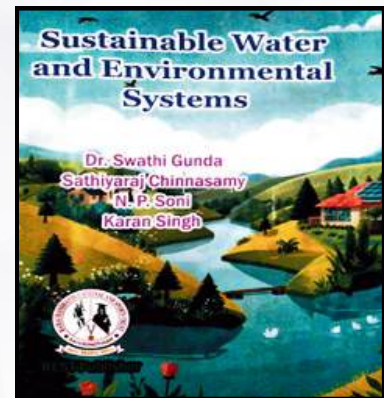
Faculty Achievements

- Prof. K.B. Ghoil completed Ph.D. on “Irrigation Strategies and Water Resource Management in the Shetrunji Right Bank Canal Command Area” in December 2025.
- Prof. B.M. Daxini completed Ph.D. in Instrumentation & Control Engineering from GTU in October, 2025.
- Prof. Tushar S. Vala completed Ph.D. in Mechanical Engineering.
- Prof. K.G. Khatsuriya completed Ph.D. on “A Study of Scattering of Light in Magnetic Field Responsive Colloids” from GTU in December, 2025.
- Prof. N. P. Soni successfully completed 6 months AICTE-QIP-PG Diploma course on Cybersecurity from 23 June to 23 December 2025 at Indian Institute of Information Technology (IIIT), Vadodara (Ext. Diu).
- Prof. N.D. Jogadiya completed AICTE QIP PG Certificate Course on Deep Learning: Fundamentals and Applications with 8.67 CGPA from 16 to 23 December 2025 organized by the Department of Electronics Engineering, Sardar Vallabhbhai Patel National Institute of Technology (SVNIT), Surat.
- Prof. Alpesh Pandya worked as a Reviewer for Indian Geotechnical Conference 2025.
- Prof. Kamlesh Mehta worked as a Reviewer for the Journal of Materials and Engineering Structures, a web of Science-indexed journal.

- A book on *Indian Constitution*, revised edition 2025 was published by Prof. N. P. Soni and Prof. M.H. Rathod.



- A book titled *Sustainable Water and Environmental Systems* was published by Prof. N. P. Soni in September, 2025.



- Prof. Ashish B. Jagani presented research paper on “Data-Driven Comparative Study of Human-Robot Collaboration (HRC) and Full Automation (FAA) in Assembly Line: A Digital Twin approach” at National Conference on STEAM for Sustainable Futures: Interdisciplinary Approaches to Global Challenges Organized by IITE, Gandhinagar on 19/8/2025.
- Prof. Ashish B. Jagani presented research paper on “Challenges in Adopting Robotics & Automation for Material Handling in SMEs: A Bibliometric and Systematic Review” at 19th International Conference on Webometrics, Informetrics and Scientometrics (WIS) & 24th COLLNET Meeting 2025 on 19/9/2025, which has been published in Collaboration and Innovation in Science: Webometrics and Scientometrics Insights for a Sustainable Future (ISBN : 978-93-48514-95-0)” represents the official proceedings of COLLNET 2025.

- Prof. Ashish B. Jagani presented research paper on “Semantic Digital Twin Technology: A Metrics Framework for Flexible Manufacturing Semantic Digital Twin Technology: A Metrics Framework for Flexible Manufacturing” International Semantic Intelligence Conference (ISIC) – 2025 on 6/10/2025 organised by University of Luebeck, Germany and which will be published in LNEE by Springer (Scopus Indexed). Also work as a reviewer in same conference.
- Prof. Ashish B. Jagani presented research paper on “A Technology-Driven Framework for Automating Dull, Dirty, Dangerous, and Dear (4D) Tasks in Small and Medium Enterprises” at 3rd International Conference on Advances in Manufacturing, Thermal and Design Engineering (MATHED-2025) organized by NIT Hamirpur on 27/12/2025 and which will be published in LNME by Springer (Scopus Indexed) Also work as a reviewer in same conference.
- Prof. N. P. Nirmal presented paper on “Digital Twins for Healthcare Equipment Production: A Fresh Review on Smart Manufacturing and Predictive Technologies”, and attended Udayamayatra-2025 National Conference on Manufacturing and Industry at Government Polytechnic, Ahmedabad 4.0 during 31/07/2025 to 02/08/2025.
- Prof. N. P. Nirmal presented paper on “The Role of STEAM in Higher Education Engineering with NEP 2010: Challenges and Solutions”, National Conference on STEAM for Sustainable Futures: Interdisciplinary Approaches to Global Challenges” at Indian Institute of Teachers Education, Gandhinagar, Date of Presentation 19/08/2025.
- Prof. N. P. Nirmal presented research paper on “The Role of Digital Twin Technology in Next-Generation Healthcare Management System: A Review”, “International conference on Frontier of Engineering in Healthcare” jointly organized by IIT Gandhinagar and GTU, Ahmedabad research paper is Presented at IIT Gandhinagar.

- Dr. D.N. Vaishnav presented a paper titled “The River as Text: Human Struggle, Ecological Crisis and Literary Reflections” at International Conference on New Emergence and Contemporary Trends in English Language and Literature on 11/10/2025 in online mode organized by Department of Humanities, Atmiya University, Rajkot, Gujarat.
- Dr. D.N. Vaishnav presented a paper titled “The Delusional Double and Queer Identity in Amruta Patil’s Kari” at National Conference on Gendered Perspective Across Literature, Psychology, and Culture on 1/10/2025 organized in online mode by Department of English & Psychology, Christ College, Rajkot, Gujarat.
- Prof. Alpesh Pandya worked as Coordinator of the STTP organized by Applied Mechanics Department under the title “Recent Developments in Design, Materials and Construction Practices in Civil Engineering” during 18-22 August, 2025.
- Prof. Deepak Solanki worked as Coordinator of the STTP organized by Applied Mechanics Department under the title “Recent Developments in Design, Materials and Construction Practices in Civil Engineering” during 18-22 August, 2025.
- Dr. D.N. Vaishnav chaired a session at National Seminar on “Ecologies of Belonging and Planetary Futures: Interrogating Self, Place and Displacement” in online mode on 3/12/2025 organized by PG Department of English & IQAC, Sacred Heart College, East Campus, Kochi.
- Dr. D.N. Vaishnav delivered an expert talk on Basic English under UDISHA Vocational Training Workshop Series at Government Arts College, Talaja, Bhavnagar on 19/7/2025.
- Dr. D.N. Vaishnav was an invited panelist at Panel Discussion on the occasion of Film Screening on Kavi Kant organized by Purvalaap Foundation and Pattani Archives, Bhavnagar on 28/11/2025.

- Prof. D.H. Solanki registered as a life member of Indian Geotechnical Society.
- Prof. K.A. Mehta registered as a life member of Indian Geotechnical Society.
- Prof. Himmat Sarvaiya registered as a life member of Indian Geotechnical Society.
- Prof. D.P. Advani registered as a life member of Indian Geotechnical Society.
- Prof. B.H. Solanki registered as a life member of Indian Geotechnical Society.
- Prof. Dhaval Advani worked as Co-Coordinator of STTP organized by Applied Mechanics Department under the title “Recent Developments in Design, Materials and Construction Practices in Civil Engineering” during 18-22 August, 2025.
- Prof. Bhagirath Solanki worked as Co-Coordinator of STTP organized by Applied Mechanics Department under the title “Recent Developments in Design, Materials and Construction Practices in Civil Engineering” during 18-22 August, 2025.
- Prof. Hem Bhatt and Prof. D.B. Rangani worked as Coordinator of STTP organized by General Department under the title “Exploring AI Tools in Education: Practical FDP for Empowering Educators” during 1-5 September, 2025.
- Prof. N.S. Sanghani secured 95% Marks in the MOOC of The Joy of Computing using Python and got an ELITE+GOLD badge.
- Prof. D.B. Vaghela was announced NPTEL Discipline Star (IIT Madras).
- Prof. B.K. Borisaniya secured 91% Marks in the MOOC on The Joy of Computing using Python and got an ELITE+GOLD badge.

- Prof. S.J. Agravat secured 90% Marks in the MOOC on The Joy of Computing using Python and got an ELITE+GOLD badge.
- Prof. H. H. Maheta secured 87% in Organization Behaviour (MOOC) training and got an ELITE+SILVER badge.
- Prof. K.V. PATEL secured 87% in The Joy of Computing Using Python (MOOC) training and got an ELITE+SILVER badge.
- Prof. P.M. Chauhan secured 75% in Organization Behaviour (MOOC) training and got SILVER badge.
- Prof. C.H. Makwana is in the top 1% with secured 99.25% on The Joy of Computing Using Python (MOOC) training and got an ELITE+Gold badge.
- Prof. C. H. Makwana received NPTEL DISCIPLINE STAR certificate from IIT Madras NPTEL Team and is invited to felicitation program at IIT-Bombay on 24/1/2026.
- Prof. C.H. Makwana secured 63% in Introduction To Machine Learning (MOOC) training and got an ELITE badge.

Department Activities

Teacher's Day Celebration was conducted on 5/9/2025 with great excitement at Civil Engineering Department. To make the event more engaging and competitive, a ranking system was introduced. After the celebration, the students who taught were evaluated, and from them, the top 3 performers for Semester 1 and Semester 3 were awarded ranks based on clarity of explanation, confidence, and classroom management.

The judgement of the best teacher was carried out by jury members: 1. Prof. N. M. Joshipura 2. Prof. N. D. Acharya.

The top performers for teaching Semester 1 subjects were:

Position	Name of the Student	Semester	Subject Taught
Rank 1	Khosya Madhav	3	programming for problem solving
Rank 2	Bhensdadiya Astha	1	Mathematics1
Rank 3	Zampadiya Namr	3	Mathematics1

The top performers for teaching Semester 3 subjects were:

Position	Student name	Semester	Subject Taught
Rank 1	Malkani Husain	3	Building concrete technology
Rank 2	Gohil Yashpal	3	Professional communication and ethic
Rank 3	Emika Dhar	3	Concrete technology



Engineer's Day Celebration

Civil Engineering Department celebrated Engineers' Day on 15/9/2025. The event was coordinated by Prof. N. P. Soni and witnessed enthusiastic participation from students as well as guidance from faculty members. The celebration aimed to honor the contributions of engineers to society and to encourage budding civil engineers to gain awareness of modern advancements in their field.

The program was centered around a Power Point presentation competition on the theme Recent Developments in Civil Engineering. Total six teams participated, including one team from the 3rd semester and four teams from the 1st semester. Student groups presented on a variety of contemporary topics such as Smart City Infrastructure, 3D Printing Technology, Durable Buildings, and Modern Construction Techniques. Each team put forward innovative ideas and highlighted how these technologies are shaping the future of construction and infrastructure development.

After the presentations, the result of the competition was announced. The first prize was awarded to the team led by Gajjar Dherya, second prize to the team led by Kotadiya Yug, and the third prize to the team led by Emika Dhar. The winners were congratulated for their outstanding performance, and all participants were acknowledged for their dedication and enthusiasm.



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સૌરાષ્ટ્ર સમર્થન

શાંતિલાલ શાહ એન્જિનિયરિંગ કોલેજમાં 'એન્જિનિયર્સ ડે' ની ભવ્ય ઉજવણી

શાંતિલાલ શાહ એન્જિનિયરિંગ કોલેજ ખાતે તાજેતરમાં ભારતરત્ન શ્રી સર એમ. વિશેશ્વરય્યાની જન્મજયંતિ નિમિત્તે 'એન્જિનિયર્સ ડે' ની ભવ્ય ઉજવણી કરવામાં આવી હતી. આ પ્રસંગે કોલેજના વિવિધ વિભાગો દ્વારા વિદ્યાર્થીઓની ટેકનિકલ અને સર્જનાત્મક પ્રતિભાને પ્રોત્સાહન આપવા માટે વિવિધ સ્પર્ધાઓ અને સેમિનારનું આયોજન કરવામાં આવ્યું હતું. કાર્યક્રમમાં કોલેજના આચાર્ય ડો. જી. પી. વડોદરિયા, વિવિધ વિભાગના વડાઓ, અધ્યાપકો અને મોટી સંખ્યામાં વિદ્યાર્થીઓ ઉપસ્થિત રહ્યા હતા.

સિવિલ એન્જિનિયરિંગ વિભાગ દ્વારા 'ડીસેન્ટ ડેવલોપમેન્ટ ઈન સિવિલ એન્જિનિયરિંગ' વિષય પર એક પ્રેઝન્ટેશન સ્પર્ધા યોજવામાં આવી હતી. આ સ્પર્ધામાં છ ટીમોએ ઉત્સાહપૂર્વક ભાગ લીધો હતો, જેમાં સ્માર્ટ સિટી ઈન્ફ્રાસ્ટ્રક્ચર, ડ્રી ડી પ્રિન્ટિંગ ટેકનોલોજી, ટકાઉ મકાન સામગ્રી અને આધુનિક ભાષકામ ટેકનીક જેવા વિષયો પર નવીન વિચારો રજૂ કરવામાં આવ્યા હતા. સ્પર્ધાના નિર્ણાયક તરીકે ડો. ડી. એન. મારેશ અને પ્રો. અશ્વજી દેસાઈએ



વિવિધ વિભાગો દ્વારા સ્પર્ધાઓ અને વિશેષ સત્રોનું આયોજન, વિદ્યાર્થીઓમાં ઉત્સાહ

મેઈસનમ, બીજું - કાવ્ય ચાવડા અને ત્રીજું - છેતા કુવ ભવેશભાઈ હતા. ચિત્રકલા અને સુગલેખન સ્પર્ધાના વિજેતાઓ પ્રથમ - કાવ્ય ચાવડા, બીજું - મહિબા રાણા, ત્રીજું - ટેચી યાપુ રહ્યા હતા. આ સ્પર્ધાઓ માટે એક્ઝર્નલ જજ તરીકે પ્રો. ડી. બી. જાની અને પ્રો. એચ. જી. વ્યાસ (જી.ઈ.સી. ભાવનગર) અને આંતરિક જજ તરીકે ડો. બી. ડી. ઉપાધ્યાય અને પ્રો. વી. જે. પંડ્યાએ સેવા આપી હતી.

આ કાર્યક્રમમાં આ ઉપરાંત, ઈલેક્ટ્રિકલ સેફ્ટીને લગતી પોસ્ટર સ્પર્ધા પણ યોજાઈ હતી, જેમાં ૮૦થી વધુ પોસ્ટરો રજૂ કરવામાં આવ્યા હતા. સમગ્ર કાર્યક્રમનું આયોજન પ્રો. મુંજલ ભટ્ટ દ્વારા કરવામાં આવ્યું હતું. આ કાર્યક્રમના સમાપન સમારોહની શરૂઆતમાં પ્રિન્સિપલ ડો. જી. પી. વડોદરિયાએ વિદ્યાર્થીઓને પ્રતિબદ્ધતા અને શિસ્તને મહત્વ સમજાવ્યું.

કાર્યક્રમનું વિશેષ આકર્ષણ કોલેજના ભૂતપૂર્વ વિદ્યાર્થીઓ (ઈલુમની) નું પ્રવચન હતું. શ્રી પંકજ પટેલ (પ્રિસિડન્ટ, એબેલોન કિલન એનર્જી લિમિટેડ અને મિકેનિકલ ઈજનેરીના ઈલુમની)એ સ્વચ્છ ઊર્જા અને ટકાઉ ટેકનોલોજીનું મહત્વ સમજાવ્યું. પ્રખ્યાત કેન્સર સ્પેશિયાલિસ્ટ ડો. શિવમ પંડ્યાએ તમાકુના સેવનથી થતા કેન્સર અને તેમાં ઈજનેરીની ભૂમિકા વિશે માર્મિક સંદેશ આપ્યો હતો. અન્ય પૂર્વ

વિદ્યાર્થીઓ શ્રી કાલ્જુન શાહ અને ભાવેશભાઈ વ્યાસ (સિવિલ ઈજનેરી), શ્રી વિજયપ્રદન પંડ્યા(કમળ સિમેન્ટ), શ્રી વીરેન્ સોની (આઈ. સી. ના ઈલુમની), શાનમન્જરી વિશ્વાપીઠના સ્થાપક શ્રી મનસુખભાઈ નકરાણી (ઈ.સી. ના એલુમની), નિહુજ સીપુરા, (પ્રોડક્શન ન ઈલુમની), શ્રી સંજય મહાતો (ઈલેક્ટ્રિકલ ન ઈલુમની) અને શ્રી પ્રશાંત મામતોરા (આઈ.ટી. ન એલુમની)એ પણ વિદ્યાર્થીઓને કારકિર્દી, સાહસિકતા અને જીવનના મૂલ્યો વિશે માર્ગદર્શન આપ્યું. આ વક્તવ્યોએ વિદ્યાર્થીઓને પ્રેરણા આપી અને ઈજનેરીને માત્ર એક કારકિર્દી નહીં, પરંતુ સામાજિક પરિવર્તનનું એક શક્તિશાળી સાધન ગણાવ્યું.

આ કાર્યક્રમનું સફળ આયોજન કમળ સિમેન્ટ, માધવ હોસ્ટેલ, મહાલક્ષ્મી પી.જી., પી.જી.વી.સી.એલ., વગેરેની સ્પેન્સરશિપના યોગદાન થકી થયું હતું.

આ કાર્યક્રમ માં સંસ્થાના આશરે ૫૫૦ વિદ્યાર્થીઓએ ઉત્સાહભરે ભાગ લીધો હતો.

- **Applied Mechanics Department organized a Short-Term Training Program between 18-22 August, 2025.**

Title of FDP: Recent Developments in Design, Materials & Construction Practices in Civil Engineering

Duration: 18th – 22nd August 2025

Venue: Shantilal Shah Engineering College (SSEC), Bhavnagar

Organized By: Applied Mechanics Department, under the aegis of Commissionerate of Technical Education, Gandhinagar

Participants : Total 28 faculty members from Government Engineering and Polytechnic Colleges across Gujarat participated in this FDP.

- **Inaugural Ceremony :** The FDP was inaugurated on 18th August 2025 by Chief Guest Colonel Tushar Vig, who delivered the keynote lecture. Principal Dr. G. P. Vadodaria and HoD Dr. A. A. Pandya addressed the gathering. The inaugural emphasized the importance of bridging academic knowledge with industry practices.
- **Program Highlights :**
 - Expert lectures delivered by distinguished speakers on RCC, Steel, Geotechnical, IPR, BIM, GIS, and Modern Construction Practices.
 - Hands-on training on Non-Destructive Testing (NDT) in Steel Structures by experts from Dynamic Quality Services and TPI NDT Services.
 - Special sessions by Hilti on Modern Anchoring Techniques and Retrofitting Innovations, along with free PROFIS software for participants.
 - Industry-academia collaboration with Adani Cements agreeing for MoU with SSEC.

- NDT companies committed to provide Level-1 and Level-2 professional training to students.
- **Valedictory Function** : The valedictory session was graced by Guest of Honour Dr. K. N. Kher (Registrar, GTU), Special Guest Shri Nisarta (DGM, PGVCL), and Shri Jaydeepbhai Satapara (UltraTech). Certificates were distributed to participants and feedback was collected.
- **Key Outcomes** :
 - Enhanced academic and practical knowledge of participants.
 - Strengthened industry-academia collaboration.
 - Guidance on incorporating new materials and methods into curriculum.
 - New research topics and ideas emerged.
 - MoU initiatives and industrial training support for students.
- **Conclusion** : The FDP was highly successful and impactful in terms of knowledge sharing. The program created a strong platform for knowledge exchange, skill enhancement, and future collaborations.





**નવીન બાંધકામ પદ્ધતિઓ સહિતના વિષયો આવરી લેવાયા
શાંતિલાલ શાહ ઈજનેરી કોલેજમાં
ડેવલોપમેન્ટ ઈન ડિઝાઇન કાર્યક્રમ
સિવિલ ઈજનેરીના વિવિધ ક્ષેત્રોમાં નિષ્ણદોએ વક્તવ્યો આપ્યા**

સંસ્થાના સિવિલ એન્જિનિયરિંગ
(મે.સી.સી.ઈ.) ઈન્સ્ટિટ્યુટ-નુજાહ
વેન્ટરના ચેરમેન મિટીશભાઈ શાહ
સહિતના તજજ્ઞોએ તેમના જ્ઞાનના
લાભ આપ્યા અને આપ્યો હતો.
આ પાંચ દિવસીય ટ્રેનિંગ કાર્યક્રમમાં
વિવિધ ક્ષેત્રના 18 એમ્પ્લોઈ લેક્ચર
આપવામાં આવ્યા હતા. આ STTP
ઈજનેરી, શિક્ષકો, સંશોધકો અને
વિદ્યાર્થીઓ માટે જ્ઞાનવર્ધક અને
નેટવર્કિંગની નુવર્તી તક પ્રદાન
કરવામાં આવી અને રાજ્યભરની
વિવિધ સરકારી ટેકનિકલ શિક્ષણ
સંસ્થાઓના ડિપોઝિટ અને ડિપો
કોલેજોના ડેપુટી ચાર્જ અધ્યક્ષો
અને કાર્યક્રમમાં ભાગ લીધો હતો.

વિષયોનું શ્રેષ્ઠ જ્ઞાન અને અનુભવ
શેર કર્યા કાર્યક્રમમાં નવીન
બાંધકામ પદ્ધતિઓ, પોસ્ટ-ટેન્શન
સ્લેબ્સની ડિઝાઇનિંગ, લો-કાર્બન
પ્રોજેક્ટ, ડેકોરેટિવ લાઈટવેઈટ
કોલેક્ટર, નોન-ડિસ્ટ્રિબ્યુટિવ ટેલિફોન
અને સ્ટ્રક્ચરલ વાઈબ્રેશન કંટ્રોલ
જેવા મહત્વપૂર્ણ વિષયો પર
લિઝન્સપૂર્વક રજૂ કરવામાં આવ્યા
હતા. આ કાર્યક્રમમાં એક્ઝિનલ
ચીફ ઓફિસિયર અને કનલ
તુષાર વિર, રિજીઓનલ સાર્કલ
સેન્ટર, ભાવનગરના રિજીઓનલ
ગ્રાઉન્ડર ડો. મિટીશ ગોસ્વામી,
અધ્યાપી સોમરના નેશનલ સેન્ટર
નિષ્ણદો તેમના સંબંધિત

- On 15 September, the Electroverse Club organized Electrocon, an event dedicated to spreading awareness about Electrical Safety. The program featured an enthusiastic poster making competition where students creatively expressed safety measures and best practices. A technical seminar conducted by PGVCL experts – Shri P. G. Kanjariya, Shri D. B. Joshi, Shri P. C. Trivedi, and Shri H. J. Chudasama – provided valuable insights into real-life electrical safety standards and industry experiences. Sponsored by PGVCL, the event successfully bridged academic learning with practical awareness, fostering responsibility, innovation, and a strong safety-conscious mindset among students.



- The Electrical department hosted Arti and Navratri celebration at the ground floor of the E-Block on 25/10/2025. The faculties and students of the college participated in the event.



- During Ganesh Chaturthi, on 27/8/2025, the Electroverse Club joyfully welcomed Ganpati Bappa with devotion and enthusiasm. A beautifully decorated mandap was made for three days, becoming a center of spiritual energy, unity, and positivity. Students actively participated in aarti, prayers, and cultural moments, reflecting discipline, teamwork, and faith. The celebration infused the campus with vibrant devotion and collective joy. On 30 August, Ganpati Visharjan was performed with reverence and gratitude, bidding farewell with chants of “Ganpati Bappa Morya”. The event showcased the students’ energetic spirit, cultural values, and deep spiritual connection.



- IT Department organized departmental Hackathon to motivate and check out quality of the problem statement. Participants had shown a great interest in it. It was conducted on 20/9/2025 at IT & EC building. Prof. P. M. Chauhan organized the event as SPOC at D-105. Jury members and mentors coordinated well for the great success of this event. Total 66 students had participated in the event.



- On the occasion of Engineer's Day, a Python-based project development event titled "PyProject" was successfully organized by IT Department. Students were provided with problem statements several days prior to the event and were required to design and implement fully functional projects using the Python programming language. The event was coordinated by Prof. B. K. Borisaniya, Prof. H. H. Maheta, and Prof. P. M. Chauhan, with active support from student coordinators. Around 96 students, forming 26 teams, from BE 1st, 3rd and 5th semesters from the IT Department participated enthusiastically. The projects were evaluated by Prof. Gopal Pandey, Lecturer and Head of the IT Department, BPTI, Bhavnagar, and Prof. Karshan Kandoriya, Assistant Professor, IT Department, GEC Bhavnagar. At the conclusion of the event, three outstanding teams were declared winners based on their performance and innovation. Total 35 students participated in the event.



The Mechanical Engineering Department celebrated Engineer's Day on 15/9/2025 with great enthusiasm to mark the birth anniversary of the eminent engineer, statesman, and Bharat Ratna awardee Sir Mokshagundam Visvesvaraya. The program commenced with the welcome address and welcome of esteemed guests. Prof. G. J. Chauhan, Head of Department, welcomed the dignitaries, faculty members, and students, while encouraging students to pursue excellence with creativity, innovation, and social responsibility. This was followed by a video presentation on the Life and Achievements of Sir M. Visvesvaraya, highlighting his visionary contributions to engineering, nation-building, and society at large. Dr. G. P. Vadodaria, Principal, visited the department on this occasion and appreciated the academic and co-curricular activities carried out by the department. His words of encouragement inspired students to imbibe values of dedication, discipline, and innovation. A special highlight of the event was the inspiring presence of the proud alumnus Mr. Pankaj Patel, President & Executive Director, Abellon Clean Energy Ltd., and Founder, Green Sikka Foundation. In his motivational talk, he shared his professional journey, emphasized the importance of clean energy and sustainable technologies, and guided students to contribute meaningfully to society through their engineering knowledge.



The department had organized various competitions:

Speech Competition – Role of Engineers in Nation Building

Poster-Making Competition – Innovations for a Sustainable Future

Drawing Competition & Slogan Writing Competition – Engineering Creativity and Imagination

Results of Competitions :

Speech Competition :

1st Rank: Kangkeng Ionchung (Semester 3)

2nd Rank: Rinold Maisnam (Semester 3)

3rd Rank: Prasad Sameer Joshi (Semester 1)

Poster-Making Competition :

1st Rank: Rinold Maisnam (Semester 3)

2nd Rank: Kavya Chavda (Semester 1)

3rd Rank: Chheta Dhruv Bhaveshbhai (Semester 1)

Drawing & Slogan Writing Competition :

1st Rank: Kavya Chavda (Semester 1)

2nd Rank: Mahiba Rana (Semester 1)

3rd Rank: Techii Yapu (Semester 1)

Jury Members

External Jury Members:

- Prof. D. B. Jani, GEC Bhavnagar
- Prof. H. G. Vyas, GEC Bhavnagar

Internal Jury Members:

- Prof. B. D. Upadhyay, Mechanical Engineering Department
- Prof. V. J. Pandya, Mechanical Engineering Department

The jury members highly appreciated the talent, creativity, and technical knowledge of the participants. The winners were felicitated with prizes and certificates.

The program was successfully coordinated by Prof. J. G. Parmar (Event Coordinator), with the support of Prof. N. Y. Parghi and Prof. U. A. Patel (Co-Coordinators).

The celebration concluded with a vote of thanks. The Engineer's Day Celebration 2025 was a grand success, leaving a memorable impact by blending inspiration, creativity, and togetherness in the true spirit of engineering.



- General Department organized a One Week Short-Term Training Program (STTP) titled “Exploring AI Tools in Education: Practical FDP for Empowering Educators” from 1st to 5th September 2025, followed by a valedictory session on 6th September 2025. The program was supported by the Gujarat Council on Science and Technology (GUJCOST), DST, Government of Gujarat, and sponsored by IIMT Studies, Dhorajia Engineering Co. Pvt. Ltd., Khodiyar CAD Centre Pvt. Ltd., and UltraTech Cement. Coordinated by Prof. Hem Bhatt and Prof. Devang Rangani, the FDP witnessed participation from faculty of 26 degree and diploma engineering colleges across Gujarat. The training focused on practical applications of Artificial Intelligence tools in teaching, research, assessment, and academic productivity, with expert-led sessions by Dr. Dulari Bhatt, Prof. Bhadrashkumar Pandya, and the Data Vidwan team. The program concluded with a valedictory session graced by Dr. Dilip Barad, Professor and Head, MKBU, and received excellent feedback for its relevance, hands-on approach, and effective organization.



• Industrial Visit :

Project Name: Construction of RCC Road under Pavement Quality Concrete (PQC) Category. Location: Mantresh Complex, Ghogha Road, Bhavnagar – 364001, Gujarat. Contractor: B. R. Goyal Infra Limited.

Date of Visit: 8/9/2025

Time of visit: 9:30 PM

Coordinator : Prof. Nayankumar P. Soni (Assistant Professor)

Students of 1st, 2nd, and 3rd year, Civil Engineering Department (Total 15 students)



- As a part of academics, an industrial visit at Bhikda Dam was organized by the Civil Engineering department for the students of B.E. Semester 1,3,5,7 on 4/9/2024. Prof. N. P. Soni coordinated the dam site visit and total 50 students participated in the visit.



**10 ઓટોમેટિક ગેટવાળો ભીકડા
ડેમ બોરતળાવમાં પાણીનો સ્રોત**
ભાવનગર । ભિકડા ડેમ ભાવનગરના શેઠાવદર ગામ, શામપરા ગામ નજીક આવેલો છે અને ભાવનગર મ્યુનિસિપાલિટી કોર્પોરેશન દ્વારા તેની જાળવણી કરવામાં આવે છે. આ ડેમનો મુખ્ય હેતુ ભાવનગરમાં આવેલા બોર તળાવને વરસાદી પાણીથી ભરવાનો છે, આ એક નાની નદી પરનો ડાયવર્ઝન ગેટવાળો બંધ છે જેમાં કુલ 17 મુખ્ય ગેટ અને 4 સહાયક ગેટ છે. આ તમામ ગેટ મેન્યુઅલી ઓપરેટ થાય છે. મુખ્ય ડેમમાં 10 ઓટોમેટિક વજન-સંતુલિત ગેટસ છે અને તેની લંબાઈ આશરે 100 મીટર છે. ડેમની જમણી બાજુએ પથ્થરની ચણતરથી બનેલો એક વેઅર (વધારાના પાણીના નિકાલ માટેનો માળખો) છે, જેની લંબાઈ આશરે 85 મીટર છે. ચોમાસામાં પાણીની ઉપલબ્ધતાને કારણે ડેમનો ઉપરવાસ ભરેલો જોવા મળ્યો હતો. શાંતિલાલ શાહ હજારેડી કૌલેજ દ્વારા શૈક્ષણિક પ્રવૃત્તિઓના ભાગરૂપે, સિવિલ એન્જિનિયરિંગ વિભાગ દ્વારા બી.ઈ. સેમેસ્ટર 1,3,5,7ના વિદ્યાર્થીઓ માટે ભિકડા ડેમ ખાતે ઔદ્યોગિક મુલાકાતનું સફળતાપૂર્વક આયોજન કરવામાં આવ્યું હતું. આ ઔદ્યોગિક મુલાકાતનું સંચાલન પ્રોફેસર એન. પી. સોની દ્વારા કરવામાં આવ્યું હતું. આ મુલાકાતમાં કુલ 70 વિદ્યાર્થીઓએ ભાગ લીધો હતો અને ડેમની રચના તથા કાર્યપ્રણાલી વિશે પ્રાયોગિક જ્ઞાન મેળવ્યું હતું.

- As a part of the curriculum of Design of Hydraulic Structures subject, a Technical visit for the B.E. semester 3, 5, & 7 was organized and coordinated by Prof. N. P. Soni on 6/9/2025 at Lakhanka Dam and RMC Plant at Sidsar - Budhel Road, Bhavnagar. Prof. N. P. Soni explained the salient features of the dam. Mr. Yash Dabhi, Technical assistant on dam site, explained the functions of the Dam gates in different situations. He also explained the water distribution system to the farmers for irrigation. Total 35 students were present on the site visit. Dr. P. S. Ramanuj, Prof. N. M. Joshipura, Prof. M. H. Rathod, Prof. D. P. Advani, Dr. H. K. Sarvaiya, Prof. B. H. Bhagirath also accompanied the students for technical knowledge sharing.



- The Civil Engineering Department organized a technical site visit on 12/9/2025 at a residential building located at Shiv Sagar Bungalows, Budhel Cross Road, Bhavnagar. The visit was specially arranged for the 1st-year and 2nd-year students. Total 65 students actively participated in the visit. The objective of this visit was to provide students with practical exposure to building planning, construction processes, and an understanding of local building practices.
- The residential building, owned by Mr. Pranshankar Pandaya, served as a live example for the students to observe and learn important aspects of civil engineering applications. During the visit, students were introduced to the principles of building planning in relation to functionality, orientation, and ventilation. They also learned about the importance of following local building by-laws and witnessed the effective use of Bella stones, a commonly used material in construction within the region. Furthermore, the students observed the execution and significance of pile foundation in residential buildings, along with the planning of a 3-bedroom, hall, and kitchen layout that emphasizes space utilization and comfort.
- The visit proved to be highly beneficial for the students as it helped them connect their classroom knowledge with real-world applications. It provided them with a deeper understanding of residential building planning, structural foundations, and the use of locally available materials. The department expresses its gratitude to Mr. Pranshankar Pandaya for granting permission to conduct the visit at his site and sincerely appreciates the efforts of Prof. N. P. Soni, who coordinated and guided the students throughout the visit.



- A Technical visit was arranged by Prof. N. P. Soni at Regional Science Centre, Bhavnagar, to attend One day outreach program on Quantum Materials and devices. In this visit Total 70 students of Civil Engineering Department participated.

ભાવનગર શહેરની શાંતિલાલ શાહ ઈજનેરી કોલેજના વિદ્યાર્થીઓએ ક્વોન્ટમ ફિઝિક્સના મૂળભૂત સિદ્ધાંતની માહિતી મેળવી

કોલેજના ૭૦ વિદ્યાર્થીએ રિજીઓનલ સાયન્સ સેન્ટરની મુલાકાત લીધી

૧. ભાવનગર (સંદેશ પ્રતિનિધિ) । શાંતિલાલ શાહ ઈજનેરી કોલેજના વિદ્યાર્થીઓએ રિજીઓનલ સાયન્સ સેન્ટરની મુલાકાત લીધી હતી. શાંતિલાલ શાહ ઈજનેરી કોલેજના વિદ્યાર્થીઓએ રિજીઓનલ સાયન્સ સેન્ટર ખાતે યોજાયેલા એક દિવસીય આઉટરીચ પ્રોગ્રામ ક્વોન્ટમ મટિરિયલ્સ અને ડિવાઈસ ના કાર્યક્રમમાં ભાગ લીધો હતો.

૧૫૦ વર્ષ પહેલાં મેક્સ પ્લાન્ક, આલ્બર્ટ આઈન્સ્ટાઈન અને નીલ્સ બોહર જેવા મહાન વૈજ્ઞાનિકો દ્વારા ક્વોન્ટમ ટેકનોલોજીનો પાયો નાખવામાં આવ્યો હતો. આ સેમિનારમાં ક્વોન્ટમ ફિઝિક્સના મૂળભૂત સિદ્ધાંતો, જેમ કે વેવ-પાર્ટિકલ ડ્યુઆલિટી, હાઈઝનબર્ગ અનિશ્ચિતતા સિદ્ધાંત અને સુપરપોઝિશન જેવા વિષયો પર સચોટ માહિતી આપવામાં આવી હતી. આ કાર્યક્રમ રિજીઓનલ સાયન્સ સેન્ટર ખાતે યોજાયો હતો, જેમાં વૈજ્ઞાનિકો અને શિક્ષણવિદોએ હાજરી આપી હતી. આ સેમિનારમાં મુખ્ય અતિથિ તરીકે આઈ. એ. એસ. અને ભાવનગરના મ્યુનિસિપલ કમિશનર ડૉ. એન. કે. મીના, શાંતિલાલ શાહ કોલેજના આચાર્ય ડૉ. જી.પી. વડોદરિયા, ડૉ. બિસ્વજિત ગાંગુલી અને જી. ઈ.સી. ભાવનગર ના આચાર્ય ડૉ. એમ. જી. ભટ્ટ ઉપસ્થિત રહ્યા હતા. આ કાર્યક્રમનો મુખ્ય ઉદ્દેશ્ય ક્વોન્ટમ ટેકનોલોજી અને તેના વિવિધ પાસાઓ વિશે જાગૃતિ ફેલાવવાનો હતો. આ સેમિનારમાં ક્વોન્ટમ ટેકનોલોજીના ભવિષ્ય અને તેના સંભવિત ઉપયોગો વિશે પણ ચર્ચા કરવામાં આવી હતી. આ કાર્યક્રમમાં વિદ્યાર્થીઓને ક્વોન્ટમ વિજ્ઞાનના નવા સંશોધનો વિશે માહિતગાર કરવામાં આવ્યા હતા. આ ટેકનિકલ મુલાકાતમાં શાંતિલાલ શાહ ઈજનેરી કોલેજના ૭૦ વિદ્યાર્થીઓએ સંસ્થાના સિવિલ ઈજનેરી વિભાગના પ્રોફેસર નયન સોનીના માર્ગદર્શન હેઠળ ઉત્સાહભરે ભાગ લીધો હતો.

- On 7/11/2025, total 30 students of Civil Engineering Department undertook an educational site visit to the ISKCON Mega City Plot. The visit was coordinated by Professor N. P. Soni with the aim of providing students practical exposure to real-time construction activities and modern surveying techniques.



બુધવાર તા. ૧૨ નવેમ્બર, ૨૦૨૫

એસ.એસ. ઈજનેરી કોલેજના સિવિલ ઈજનેરીના વિદ્યાર્થીઓએ કરી ટેકનિકલ મુલાકાત

કોલેજના ૩૦ વિદ્યાર્થીઓએ

ભાવનગરના સિવિલ એન્જિનિયરિંગના વિદ્યાર્થીઓએ ૧૨ નવેમ્બર, ૨૦૨૫ના રોજ ટેકનિકલ મુલાકાત કરી. આ મુલાકાત રિજીઓનલ સાયન્સ સેન્ટર ખાતે યોજાયેલા એક દિવસીય આઉટરીચ પ્રોગ્રામ ક્વોન્ટમ મટિરિયલ્સ અને ડિવાઈસ ના કાર્યક્રમમાં ભાગ લીધો હતો. આ સેમિનારમાં ક્વોન્ટમ ફિઝિક્સના મૂળભૂત સિદ્ધાંતો, જેમ કે વેવ-પાર્ટિકલ ડ્યુઆલિટી, હાઈઝનબર્ગ અનિશ્ચિતતા સિદ્ધાંત અને સુપરપોઝિશન જેવા વિષયો પર સચોટ માહિતી આપવામાં આવી હતી. આ કાર્યક્રમ રિજીઓનલ સાયન્સ સેન્ટર ખાતે યોજાયો હતો, જેમાં વૈજ્ઞાનિકો અને શિક્ષણવિદોએ હાજરી આપી હતી. આ સેમિનારમાં મુખ્ય અતિથિ તરીકે આઈ. એ. એસ. અને ભાવનગરના મ્યુનિસિપલ કમિશનર ડૉ. એન. કે. મીના, શાંતિલાલ શાહ કોલેજના આચાર્ય ડૉ. જી.પી. વડોદરિયા, ડૉ. બિસ્વજિત ગાંગુલી અને જી. ઈ.સી. ભાવનગર ના આચાર્ય ડૉ. એમ. જી. ભટ્ટ ઉપસ્થિત રહ્યા હતા. આ કાર્યક્રમનો મુખ્ય ઉદ્દેશ્ય ક્વોન્ટમ ટેકનોલોજી અને તેના વિવિધ પાસાઓ વિશે જાગૃતિ ફેલાવવાનો હતો. આ સેમિનારમાં ક્વોન્ટમ ટેકનોલોજીના ભવિષ્ય અને તેના સંભવિત ઉપયોગો વિશે પણ ચર્ચા કરવામાં આવી હતી. આ કાર્યક્રમમાં વિદ્યાર્થીઓને ક્વોન્ટમ વિજ્ઞાનના નવા સંશોધનો વિશે માહિતગાર કરવામાં આવ્યા હતા. આ ટેકનિકલ મુલાકાતમાં શાંતિલાલ શાહ ઈજનેરી કોલેજના ૭૦ વિદ્યાર્થીઓએ સંસ્થાના સિવિલ ઈજનેરી વિભાગના પ્રોફેસર નયન સોનીના માર્ગદર્શન હેઠળ ઉત્સાહભરે ભાગ લીધો હતો.

- The visit to the Center of Excellence (CoE) at Government Engineering College, Bhavnagar, was organized to provide seventh-semester students with practical exposure to advanced electrical engineering concepts and industrial technologies. The CoE houses state-of-the-art facilities that align with the department's curriculum, allowing students to experience the practical applications of their studies. Total 19 students joined this visit accompanied by Prof. S.K. Patel and Prof. M.V. Gojiya.

Labs Visited: The visit included tours of three specialized laboratories within the CoE :

1. PLC Lab (Programmable Logic Controller)
2. Industrial Automation Lab
3. Electrical Drive Lab



- The Department of Electrical Engineering organized an educational and technical visit for undergraduate (B.E.) students on 8/9/2025 to the State Load Dispatch Centre (SLDC), Vadodara. The primary objective of this visit was to provide students with practical exposure to the real-time and online implementation of fundamental theoretical concepts taught in their curriculum, such as interconnected power systems, operation, control, and analysis. The visit aimed to inspire students to apply this knowledge in their future careers through research and innovation, contributing meaningfully to national development. The State Load Dispatch Centre is functioning as a vital Energy Management Centre, continuously working to ensure the stability and security of the power system across the state and the western Region. Its key responsibilities include electrical power monitoring, frequency and voltage monitoring, real-time inter-state power transaction supervision, generation scheduling, state estimation processes, and contingency analysis. At SLDC, Deputy Electrical Engineers Shri J. K. Pandya and Shri G. J. Mistry provided detailed insights into the operational framework of the centre.

Through informative presentations and live demonstrations using real-time data from the control centre, students gained a clear understanding of SLDC's functioning and critical role in power system management. The visit was organized under the inspiration of the Principal Dr. G. P. Vadodariya and the guidance of the Head of the Electrical Engineering Department, Prof. B. N. Vaidya. The overall planning and successful execution of the visit were carried out by Prof. J. B. Sarvaiya, Prof. V. B. Pandya, and Prof. A. K. Dhandhia.



- The Department of Electrical Engineering organized a technical visit for 1st year and 2nd year students on 8/10/2025 to the Central Salt and Marine Chemical Research Institute, Bhavnagar. The primary objective of this visit was to provide students with practical exposure to the real-time and online implementation of fundamental theoretical concepts taught in their curriculum. Students visited different research laboratories of CSMCRI and also acquired knowledge about recent research work carried out by the institute. The overall planning was carried out by Prof. A. K. Dhandhia and Prof. Munjal Bhatt. Total 70 students had visited the institute.



- Industrial visits were organized for the students of sem. 1,3,5,7 of Mechanical Engineering Department. Students gathered knowledge on different subject like Thermoplastic Material Processing, Plastic Product Mould, Hand Moulding Machine, Semi and fully automatic Moulding Machines for plastic product manufacturing, Basic Machine tools like Lathe machine, Drill machine, Bench Grinder, Milling machine, Tool and cutter grinder, Vertical Milling machine, Gear Hobbing machine, Slotting Machine, Cylindrical Grinding Machine etc. Students also observed Rack cutting operation on Horizontal Milling Machine for manufacturing, Basic Investment casting process. Co. manufactures defence parts. Prof. S.G. Harsora had accompanied students during these visits.



Faculty Publications

Sr. No.	Name of the Faculty	Title of the Paper/Article	Name of the Journal/Book	Month & Year
1	Prof. A.B. Parmar	Fixed Frequency SVPWM+PI Controlled LCL Shunt Active Power Filter in dq Frame for Microgrids	International Journal of Electrical and Electronics Research (IJEER)	Dec. 2025
2	Prof. M.D. Solanki	Fixed Frequency SVPWM+PI Controlled LCL Shunt Active Power Filter in dq Frame for Microgrids	International Journal of Electrical and Electronics Research (IJEER)	Dec. 2025
3	Prof. J.B. Sarvaiya	Fixed Frequency SVPWM+PI Controlled LCL Shunt Active Power Filter in dq Frame for Microgrids	International Journal of Electrical and Electronics Research (IJEER)	Dec. 2025
4	Prof. M.V. Gojjiya	Fixed Frequency SVPWM+PI Controlled LCL Shunt Active Power Filter in dq Frame for Microgrids	International Journal of Electrical and Electronics Research (IJEER)	Dec. 2025

Sr. No.	Name of the Faculty	Title of the Paper/Article	Name of the Journal/Book	Month & Year
5	Prof. D.B. Vaghela	Novel Hybrid Approach of Random Forest and Stacking Ensemble to Improve Fresh Water Yield Prediction in Mobile Wick Solar Still	Desalination and Water Treatment	Oct. 2025
6	Prof. B.K. Borisaniya	Fixed Frequency SVPWM+PI Controlled LCL Shunt Active Power Filter in dq Frame for Microgrids	International Journal of Electrical and Electronics Research (IJEER)	Dec. 2025
7	Prof. J.B. Sarvaiya	Explaining the prediction of cryptocurrency money laundering transactions using XAI	Sādhanā	Nov. 2025
8	Prof. S.J. Agravat	The Role of Deep Learning Architectures in Computer Vision and Natural Language Processing : A Comprehensive Review	International Journal of Applied Mathematics	Nov. 2025

Sr. No.	Name of the Faculty	Title of the Paper/Article	Name of the Journal/Book	Month & Year
9	Prof. J.G. Parmar	Multi-objective Optimization of End Milling Process Parameters for Minimum Surface Roughness Using MOGA	Journal of Engineering and Technology for Industrial Applications (JETIA)	Aug. 2025
10	Prof. J.G. Parmar	Rapid Prototype Process Selection using Multi-attribute Decision Making using Advanced Entropy Weight based Fuzzy Single Valued Neutrosophic Set	Journal of Engineering and Technology for Industrial Applications (JETIA)	Aug. 2025
11	Prof. J.G. Parmar	Literature Review on Mechanical Properties and Behavior Of Aluminum Metal Matrix Composite Material With Different Processes	Journal of Engineering and Technology for Industrial Applications (JETIA)	Aug-2025
12	Prof. D.K. Katariya	Sustainable Inventory Policies for Green Cosmetic Products with Combined Advantages of the Exhibition and Free Sample of Products	International Journal of Procurement Management	Oct. 2025
13	Prof. D.N. Vaishnav	An Ecofeminist Reading of Endangered Lives-book chapter	Chapter in Edited Book Living in Critical Zones: Environmental Humanities in South Asia	Oct. 2025

Faculty Trainings

Sr. No.	Name of the Faculty	Title of the Training	Name of the Organizing Institute	Date
1	Dr. V.M. Patel	Empowering Educators through Research and Incubation Excellence and NEP Insights	I-hub, KCG, Ahmedabad	1/6/2025 6/6/2025
2	Prof. M.K. Chudasama	Recent Development in Design, Materials and Construction Practices in Civil Engineering	SSEC, Bhavnagar	18/8/2025 22/8/2025
3	Dr. K.B. Gohil	STTP-Exploring AI Tools in Education: Practical FDP for Empowering Educators	SSEC, Bhavnagar	01/9/2025 05/09/2025
4	Prof. N.D. Aacharya	Recent Development in Design, Materials & Construction Practices in Civil Engineering	SSEC, Bhavnagar	18/8/2025 22/8/2025
5	Prof. K.A. Mehta	Recent Development in Design, Materials & Construction Practices in Civil Engineering	SSEC, Bhavnagar	18/8/2025 22/8/2025
6	Prof. M.D. Solanki	Power Electronics Applications in Power Systems	MOOC	21/07/2025 10/10/2025

Sr. No.	Name of the Faculty	Title of the Training	Name of the Organizing Institute	Date
7	Prof. J.B. Sarvaiya	Fundamentals of Artificial Intelligence	MOOC	21/07/2025 10/10/2025
8	Prof. V.B. Pandya	Fundamentals of Artificial Intelligence	MOOC	21/07/2025 10/10/2025
9	Prof. T.B. Maniar	Fundamentals of Artificial Intelligence	MOOC	21/07/2025 10/10/2025
10	Prof. A.A. Rathod	Fundamentals of Artificial Intelligence	MOOC	21/07/2025 10/10/2025
11	Prof. Mittal Panchal	Advances in AI/ML/IOT for Engineering	NITTTR Extension Centre, Ahmedabad	-
12	Prof. N. S. Sanghani	The Joy of Computing using Python	MOOC	21/07/2025 10/10/2025

Sr. No.	Name of the Faculty	Title of the Training	Name of the Organizing Institute	Date
13	Prof. D.B. Vaghela	Blockchain and its Applications	MOOC	-
14	Prof. D.B. Vaghela	Design and Analysis of Algorithms	MOOC	-
15	Prof. D.B. Vaghela	Introduction to Machine Learning	MOOC	-
16	Prof. B.K. Borisaniya	The Joy of Computing using Python	MOOC	21/07/2025 10/10/2025
17	Prof. S.J. Agravat	The Joy of Computing using Python	MOOC	21/07/2025 10/10/2025
18	Prof. H.H. Maheta	Organizational Behavior	MOOC	21/07/2025 10/10/2025

Sr. No.	Name of the Faculty	Title of the Training	Name of the Organizing Institute	Date
19	Prof. P.M. Chauhan	Organizational Behaviour	MOOC	21/07/2025 10/10/2025
20	Prof. C.H. Makwana	Introduction to Machine Learning	MOOC	21/07/2025 10/10/2025
21	Prof. C.H. Makwana	Computer Vision	MOOC	21/07/2025 10/10/2025
22	Prof. N.B. Nayak	Introduction to Machine Learning	MOOC	21/07/2025 10/10/2025
23	Prof. N.B. Nayak	GIAN Course Number: 2564017 - "Artificial Intelligence and Machine Learning Algorithms: A Comprehensive Study"	MOOC	15/09/2025 19/09/2025

Sr. No.	Name of the Faculty	Title of the Training	Name of the Organizing Institute	Date
24	Prof. J.G. Parmar	Automation in Production Systems and Management	MOOC	21/07/2025 10/10/2025
25	Prof. V.J. Pandya	Digital Manufacturing: A Way Forward to Sustainable Growth of India	GEC, Bhavnagar	28/07/2025 02/08/2025
26	Prof. Ashish B. Jagani	Automation in Manufacturing	MOOC	July to October 2025
27	Prof. Nital P. Nirmal	Introduction to Industry 4.0 and Industrial Internet of Things	MOOC	21/07/2025 10/10/2025
28	Prof. Khushbu P. Patel	FDP on Digital Manufacturing: A Way Forward to Sustainable growth of India	GEC, Bhavnagar	28/07/2025 02/08/2025

Sr. No.	Name of the Faculty	Title of the Training	Name of the Organizing Institute	Date
29	Prof. Devangi J. Desai	Organizational Behaviour	MOOC	21/07/2025 10/10/2025
30	Prof. Bhupendra J. Chudasama	Organizational Behaviour	MOOC	21/07/2025 10/10/2025
31	Prof. Tushar S. Vala	Organizational Behaviour	MOOC	21/07/2025 10/10/2025

Students' Achievements

- Students of Civil Engineering department took 15 days training on 3DSMAX under Rastraiya Uchchatar Sikhsha Abhiyan (RUSA) at Indo German Tool Room at Ahmedabad under mentorship of Prof. N. P. Soni during 8th september 2025 to 20th september 2025.

એસ.એસ. ઈજનેરી કોલેજના સિવિલના વિદ્યાર્થીઓએ શ્રી ડી એસ મેક્સ ની લીધી તાલીમ



દિવસીય તાલીમ આપવામાં આવી હતી. આ તાલીમ તા. ૮ સપ્ટેમ્બર ૨૦૨૫ થી ૨૦ સપ્ટેમ્બર ૨૦૨૫ દરમિયાન યોજાઈ હતી.

આ તાલીમ રાષ્ટ્રીય ઉચ્ચતર શિક્ષા અભિયાન (આર.યુ.એસ. એ.), ગુજરાત રાજ્ય હેઠળના કમ્પોનેન્ટ-૧૨ : વોકેશનલાઈઝેશન ઓફ હાયર એજ્યુકેશન અંતર્ગત આયોજિત કરવામાં આવી હતી. તાલીમનો મુખ્ય હેતુ વિદ્યાર્થીઓને ઉદ્યોગશોગમાં ઉપયોગી પ્રોફેશનલ સોફ્ટવેરનું પ્રાયોગિક શાન આપવાનો હતો. આ સમય તાલીમનું આયોજન કોલેજના આચાર્ય શ્રી ડૉ. જી. પી. વડોદરિયા સંસ્થા ના રૂસા કોર્ડીનેટર ડૉ. ડી.બી.વાર્ષેલા તથા સિવિલ વિભાગના રૂસા કોર્ડીનેટર પ્રોફેસર એન. પી. સોની ના સંકલન હેઠળ થયું હતું.

આ તાલીમ દ્વારા વિદ્યાર્થીઓને શ્રી ડી મોડેલિંગ, રિજાઈન અને વિઝ્યુઅલાઈઝેશન અંગે વ્યાવસાયિક સમજ વિકસાવવામાં સહાય મળી છે. ખાસ કરીને સિવિલ એન્જિનિયરિંગ શોગમાં બિલ્ડિંગ લેઆઉટ, ફ્લોર પ્લાન, એલિવેશન, સેક્શન, ઈન્ટરિયર અને એક્સ્ટરિયર વ્યૂ, રિયલિટીક રેન્ડરિંગ તેમજ પ્રોજેક્ટ પ્રેઝન્ટેશન બનાવવા માટે શ્રી ડી એસ મેક્સ સોફ્ટવેરનો અસરકારક ઉપયોગ કેવી રીતે કરવો તેની પ્રાયોગિક તાલીમ આપવામાં આવી હતી.

આ તાલીમના કારણે વિદ્યાર્થીઓમાં ડિઝાઈન સમતા, ટેકનિકલ સમજ અને ઉદ્યોગલક્ષી કુશળતા વિકસિત થઈ છે, જે તેમને ભવિષ્યમાં સિવિલ એન્જિનિયરિંગ કન્સલ્ટન્ટ, સિવિલ એન્જિનિયર અને વિઝ્યુઅલાઈઝેશન અને કન્સ્ટ્રક્શન ઈન્ડસ્ટ્રીમાં રોજગાર મેળવવા માટે ઉપયોગી સાબિત થશે.

સૌરાષ્ટ્ર સમર્થન - ભાવલગર
અમદાવાદ રિપત ઈન્ડો-જર્મન ટૂલ રૂમ ખાતે શાંતિનલાલ શાહ એન્જિનિયરિંગ કોલેજના કુલ ૧૬ વિદ્યાર્થીઓને શ્રી ડી એસ મેક્સ સોફ્ટવેર પર ૧૨

- Three teams of the Civil Engineering Department participated in Smart India Hackathon 2025 in September 2025.

Team : CiviTech						
	Name	Gender (M/F)	Email id	Mobile no.	Stream	Academic Year
Team Leader	Shreyansh B. Barad	M	shreyansh39b@gmail.com	9924596001	BE Civil	2025-26
Team Member	Himanshu A. Rathod	M	Himanshurathod1300@gmail.com	9016252580	BE Civil	2025-26
Team Member	Krushal A. Vadhiya	M	vadhiyakrushal@gmail.com	6351024724	BE Civil	2025-26
Team Member	Aman J. Diyora	M	amandiyora00@gmail.com	9725938085	BE Civil	2025-26
Team Member	Tariya S. Naznin	F	tariyanaznin@gmail.com	9313848933	BE Civil	2025-26
Team Member	Bhatt P. Kinnari	F	Kinnaribhatt1010@gmail.com	6355969966	BE Civil	2025-26
Faculty Mentor 1	Prof. N. P. Soni	M	npsoni@civil.ssgec.ac.in	9662644354	Civil	
Faculty Mentor 2						

Team : Bubblestruct						
	Name	Gender (M/F)	Email id	Mobile no.	Stream	Academic Year
Team Leader	Yagna vyas	Male	Yagna.vyas18@gmail.com	9428251292	BE Civil	2025-26
Team Member	Man Desai	Male	Desaiman777@gmail.com	9104720877	BE Civil	2025-26
Team Member	Korat Verdant	Male	Koratvedant33@gmail.com	9316976779	BE Civil	2024-26
Team Member	Kotadiya yug Naresh bhai	Male	yugnkotaadiya@gmail.com	9157606067	BE Civil	2025-26
Team Member	Dhruvil soni	Male	Dhruvil.soni08@gmail.com	8488809311	BE Civil	2025-26
Team Member	Dudhrejiya Simran vasantbhai	Female	8cssimran25@gmail.com	7861027230	BE Civil	2025-26
Faculty Mentor 1	Prof. N.P.Soni	Male	npsoni@civil.ssgce.ac.in	9662644354	Civil	
Faculty Mentor 2 (Optional)						

Team : Beat Breakers						
	Name	Gender (M/F)	Email id	Mobile no.	Stream	Academic Year
Team Leader	Gajjar Dhairya Nishithbhai	M	dhairyangajjar@gmail.com	7600840808	Civil	2025-26
Team Member	Chalaliya Ashish Upendrakumar	M	ashishchalaliya12@gmail.com	7990778594	Civil	2025-26
Team Member	Bhensdadiya Astha	F	asthabhensdadiya5@gmail.com	9510508428	Civil	2025-26
Team Member	Dudhrejiya Hemali Laldasbhai	F	hemalidudhrejiya2911@gmail.com	9773155027	Civil	2025-26
Team Member	Gohil Karmarajsinh Surendrasinh	M	Gohilkarmarah07@gmail.com	6356636373	IT	2025-26
Team Member	Sama Jisan	M	jisansama556@gmail.com	9714826873	IT	2025-26
Faculty Mentor 1	Nayan P. Soni	M	npsoni@civil.ssgce.ac.in	9669644354	Civil	
Faculty Mentor 2						

- In the PGVCL Internship Presentation Competition, Abhay Metra secured 2nd position, winning a cash prize of ₹25,000, and Dhruvil Dihora achieved 5th position, earning a cash prize of ₹5,000. Both are students of Electrical Engineering Department.

- In the year 2025, the Smart India Hackathon was held on 8–9 December 2025 at 60 locations across India in both Hardware and Software domains. More than 72,000 teams participated in the event, out of which 1,400+ teams were selected for the final round conducted at 60 locations nationwide. Among these, two teams from our College under the mentorship of Prof. Nikunj Kumar B. Nayak were selected. Team FUSION25SSEC represented the college at MRIIRS, Faridabad, and secured the runner-up position under the Department of Agriculture & Farmers Welfare, whereas Team DEEPWISE25SSEC won the Smart India Hackathon title at IIIT Pune under the Department of Science and Technology.

- Team Name: DEEPWISE25SSEC – Winner
- Team Member 1 : Chudasama Aviraj – 7th IT
- Team Member 2 : Bhavsar Priyanshu – 7th IT
- Team Member 3 : Dholakiya Hemal – 7th IT
- Team Member 4 : Gangani Mansi – 7th IT
- Team Member 5 : Shyara Vaidehi – 7th IT
- Team Member 6 : Ajwalia Prapti – 5th IT



- Team Name: FUSION25SSEC – Runner Up
- Team Member 1 : Talpada Prakash – 7th IT
- Team Member 2 : Zala Vikas – 7th IT
- Team Member 3 : Belim Sahil – 7th IT
- Team Member 4 : Sonagara Maulik – 7th IT
- Team Member 5 : Sutariya Manav – 7th IT
- Team Member 6 : Rana Hiteshriha – 7th IT



Training & Placement

☀ Key Achievements :

- 24 students of Information Technology Department are placed with highest package of ₹6.09 LPA
- 4 students of Mechanical Engineering Department are placed in Reliance Industries Limited (RIL)
- Mechanical Engineering average package: ₹5–6 LPA
- 14 students of Electrical Engineering are placed during the tenure

☀ Department-wise Placement Summary :

- Department Students Placed Package Details
- Information Technology 24 ₹3.0 – ₹6.09 LPA
- Mechanical Engineering 4 ₹5 – ₹6 LPA (RIL)
- Electrical Engineering 14 Core Electrical & Industry Roles

• Major Recruiting Companies :

Company Name	Sector / Role	Package Range (LPA)
Reliance Industries Limited (RIL)	Core Mechanical / Electrical	5.0 – 6.0
Meditab Software (India) Pvt. Ltd.	Software Engineer	6.09
Silent Infotech	Full Stack Engineer	4.0 – 6.0
Silver Touch Technologies	Software Engineer	3.6 – 4.5
Floatbot	Bot Development	4.0 – 5.0

Company Name	Sector / Role	Package Range (LPA)
PlusInfosys	Full Stack / Web Development	3.0 – 4.0
Vivansh Infotech	Web / Application Development	3.0 – 4.0
Alpha E Barcode Solutions	Software Development	3.0 – 4.5

👉 Internship & Entry-Level Opportunities :

Organization	Opportunity Type	Package (LPA)
Billions	Internship / Entry-Level	3.0 – 4.0
Evision IT Solution	Software Trainee	3
Vatsal Healthcare	IT Engineer	3.0 – 4.0
Qrious Tech Team LLP	Developer Trainee	3.0 – 4.5
Involt Energy Pvt. Ltd.	Engineering Roles	4.0 – 5.0

The Training & Placement Office continues to play a pivotal role in enhancing student employability by facilitating placements in reputed organizations, promoting skill development, and fostering strong industry partnerships across engineering disciplines.

College Activities at a Glance

One-Day Awareness Workshop on Women Entrepreneurship

Shantilal Shah Engineering College successfully organized a one-day Women Entrepreneurship Awareness Workshop on 25/9/2025 under the Women Entrepreneurship Platform (WEP) – Gujarat Chapter. The program was conducted with the support of the Entrepreneurship Development Institute of India (EDII), Ahmedabad and the Industries & Mines Department, Government of Gujarat.

The workshop was facilitated by Mr. Sachin Patel, Project Officer, EDII Ahmedabad, and Dr. Ravjeetsingh Atwal, who guided the participants on various dimensions of entrepreneurship and motivated them by sharing practical insights and real-life experiences.

The inaugural session was graced by Mr. Satishbhai Bhatia, General Manager, District Industries Centre (DIC), Bhavnagar, and Mr. Kaushikbhai, Manager, DIC Bhavnagar, as Chief Guests.

Around 100 participants, including girl students, faculty members, and women staff enthusiastically participated in the program. The sessions covered key topics such as entrepreneurship opportunities, government schemes, soft skills, business prospects, and experiences of successful entrepreneurs, creating strong awareness and interest in entrepreneurship among the participants.

The highlight of the program was an inspiring talk by the college alumna Ms. Anusha Mehta, Co-Founder of Havi.co, who shared her entrepreneurial journey and encouraged young women to transform innovative ideas into successful ventures.

A special achievement of the event was that EDII Women's Cell inducted Ms. Anusha Mehta into the WEP Cell 360° Monitoring Team. As a mentor, she will now guide aspiring women entrepreneurs, particularly in the Robotic Toys Manufacturing sector.

Key Outcomes of the Workshop :

- Enhanced awareness of entrepreneurship among girl students
- Improved understanding of government schemes and support systems
- New mentoring opportunities through association with Ms. Anusha Mehta
- Strong interest shown by students to visit EDII, Ahmedabad

The workshop infused confidence, motivation, and entrepreneurial spirit among the participants. Through the collaborative efforts of Shantilal Shah Engineering College and EDII Ahmedabad, the program laid a strong foundation for encouraging young women to pursue entrepreneurship.

The program was organized under the guidance of Principal Dr. G. P. Vadodaria, and coordinated by Dr. Nital P. Nirmal, with valuable support from Dr. Hem Bhatt and Dr. Devang Rangani, whose efforts contributed significantly to the success of the event.



Finishing School Training – 2025

Finishing School training aims at empowering students with various skill sets in addition to knowledge that makes them industry ready. Finishing school is an employability enhancement initiative taken by the Education Department, Government of Gujarat for imparting strategic training and development on student's skill to prepare them for professional set up. This training consists of 4 modules – Employability Skills, Life Skills and 2 sets of Functional English Skills. Professional trainers engage students for 80 hours for 20 days in all and interact with students through different activities and making the teaching modules more interesting. Mr. Vipul Jamod and Mr. Smit Parekh were the trainers for batch-2025 of Finishing School training. The training was held from 18 August to 12 September for students of B.E. semester 7. Total 40 students participated from Civil, Electrical, IT and Mechanical Engineering. Students took online exams after completion of modules. At the end of the training, students were provided with the certificate approved by the Government of Gujarat.

It was observed that students were shy and silent at the beginning of the training but it was evident from their interaction and performance that they got more involved and enthusiastic by the training session ended. The common feedback from the students was that the training is worth attending and a helpful activity for preparing one's self for the challenges of the professional world.



Faculty FitQuest – 2025

It was a one-day faculty fitness initiative organized by the Sports Committee of Shantilal Shah Engineering College (SSEC), Bhavnagar, on 13/12/2025 at the college campus. Sponsored by PrimeWealth Solution Pvt. Ltd., the event aimed at promoting physical, mental, and respiratory well-being among faculty and staff members through a structured fitness competition.

The activities were thoughtfully designed and grouped under Strength, Balance, and Respiration categories, including exercises such as plank, squats, push-ups, balance tests, memory power assessment, Omkar breath control, and a pulmonary function test using a three-ball spirometer. The event witnessed enthusiastic participation from faculty members across departments and was supported by student volunteers, culminating in category-wise and overall awards. The initiative successfully fostered fitness awareness, team spirit, and a healthy campus culture beyond academic engagement.



Meet and Greet - 2025

It was new year as per Gujarati calendar and college was opening after Diwali Vacation. As per the tradition, Principal Sir, Dr. G.P. Vadodaria invited all the staff members for “Diwali Meet and Greet” on 7/11/2025. Mr. Sureshdan Gadhvi was the Chief Guest of the program. He is a motivational speaker and a renowned TV Artist. He has delivered talks on Zee TV, DD TV, E TV etc. Dr. Girish K. Goswami, Project Director of Regional Science Center, Bhavnagar had also graced the occasion. Dr. Vadodaria greeted all faculty members and conveyed new year wishes. Mr. Gadhvi talked about values of life and its priorities. His talk was very light and his examples were very pin pointed. Faculty members enjoyed his talk a lot. The program ended with light refreshment.



Alumni Meet Batch (2000) – Silver Jubilee

When you visit your campus after 25 years, it creates some magic in mind and tears in eyes. Students who celebrated their Farewell in 2000, the Y2K batch had gathered in college after 25 years of graduation and they felt the similar nostalgia on 26/12/2025.

Around 95 alumni from batch 2000 visited the campus. Some of them are bearing highest responsibilities in renowned companies and some own small companies. They gathered around 10.30 am (some came very early as they could not sleep because of anxiety) and started the program with hugs and cheers. Photograph clicks (selfies, selfie point, group pics, with teachers, without teachers...) were continuous till they all were called to gather in Seminar room. They came to the campus with 25 different posters celebrating their college time memory in this reunion.

Principal Dr. G.P. Vadodaria greeted them all after the breakfast on behalf of the college and said that college is very proud to have alumni like them. He also added that students should come forward for current students training, industrial visits and mentorship. He thanked students for their generous contribution towards college.

These students have placed two garden benches near canteen, donated a smart board in seminar room and promised funds for promotion of college, lecture series and training programs. They presented a specially designed memento to Principal for the college. They shared goodies among themselves and re-lived their time in different classes and laboratories. They left the campus in the evening with loving memories of reunion. Prof Alpesh Pandya along with students Krish Wadhwani, Jayveersinh Gohil, Harshil Rathod, Pratipalsinh Gohil and Het Shah managed the program related activities.



Expert Talk at SSEC, Bhavnagar

Sr. No.	Name of the Expert	Designation of the Speker	Topic	Date of the Expert Talk
1	Shri V.D. Mehta	PSI, Cyber Crime Police Station	Importance of Cyber Security in Day-to-Day Life	19/7/2025
2	Ms. Jagrut Jani	Legal Advisor and Developer	Awareness Session on Dholera Smart Coty and Investment Opportunities	2/8/2025
3	Mr. Ketan Bansal	Vice President ArcelorMittal	My Journey of Success	29/8/2025
4	Prof. Nital Nirmal	Assistant Professor Production Engineering SSEC, Bhavnagar	Research, Innovation & Project Grants	12/9/2025
5	Prof. R.A. Mehta	Mechanical Engineering SSEC, Bhavnagar	Engineering, Industries & Equity Market	4/10/2025
6	Prof. Dhaval Varia	Associate Professor IT Engineering SSEC, Bhavnagar	Google Sites: Content Management for Academics	15/11/2025
7	Ms. Geetaba Jadeja	Government Advocate Bhavnagar	Legal Aspects in Administration	28/11/2025

MoU Details

Sr. No.	Company / Organization	MOU Duration		Remarks
		From	To	
1	Venture Centre, Pune	Jun 2025	Jun 2026	Renew

- Institute celebrated 79th Independence Day on 15/8/2025 with great fervor and enthusiasm. Staff members and students had joined this celebration.



Student Startup Innovation Policy (SSIP)

List of Patent Achieved

No.	NAME OF ACTIVITY	DESCRIPTION	NAME OF STUDENT	NAME OF FACULTY MENTOR	MONTH & YEAR
1	UTILITY PATENT FILLING	SOLARWINGS: HINGE BASED SOLAR PANEL MOUNT MECHANISM FOR HIGH-RISE BUILDING	SHREYANSH B. BARAD HIMANSHU A. RATHOD NAYANKUMAR P. SONI	Prof. N. P. SONI	OCT- 2025
2	UTILITY PATENT FILLING	MODULAR INLINE CABLE JOINTER FOR ETHERNET CABLES	SHREYANSH B. BARAD HIMANSHU A. RATHOD NAYANKUMAR P. SONI	Prof. N. P. SONI	OCT- 2025
3	DESIGN PATENT FILLING	SOLARWINGS: HINGE BASED SOLAR PANEL MOUNT MECHANISM FOR HIGH-RISE BUILDING	SHREYANSH B. BARAD HIMANSHU A. RATHOD NAYANKUMAR P. SONI	Prof. N. P. SONI	OCT- 2025

No	NAME OF ACTIVITY	DESCRIPTION	NAME OF STUDENT	NAME OF FACULTY MENTOR	MONTH & YEAR
4	DESIGN PATENT FILLING	MODULAR INLINE CABLE JOINTER FOR ETHERNET CABLES	SHREYANSH B. BARAD HIMANSHU A. RATHOD NAYANKUMAR P. SONI	Prof. N. P. SONI	OCT-2025
5	COPYRIGHT REGISTRATION	IMAGETOTEXT	NARIGARA SAGAR NARANBHAI	Prof. H. H. Maheta	July-2025

• **Expert Lecture :**

1. An Expert Lecture on “Student Startup Innovation Policy 2.0” was organized on 5/8/2025 by Dr. Tushar Panchal, Group CEO, GTU IPR Cell.

શાંતિલાલ શાહ ઈજનેરી કોલેજમાં સ્ટાર્ટઅપ પોલીસીની સમજણ અપાઈ

એજ્યુકેશન રિપોર્ટર | ભાવનગર | 5 ઓગસ્ટ

ભાવનગરમાં શાંતિલાલ શાહ ઈજનેરી કોલેજના પ્રથમ વર્ષના તમામ શાખાઓના વિદ્યાર્થીઓ માટે ‘સ્ટુડન્ટ સ્ટાર્ટઅપ ઈનોવેશન પોલીસી 2.0’ વિષય પર ટેકનિકલ સેમિનારનું આયોજન કરવામાં આવ્યું હતું, જેમાં 250 વિદ્યાર્થીઓએ ઉત્સાહપૂર્વક ભાગ લીધો હતો. આ કાર્યક્રમમાં મુખ્ય વક્તા તરીકે GTUના ગ્રુપ CEO, ડૉ. તુષાર પંચાલે સ્ટાર્ટઅપ પ્રવૃત્તિઓ, પ્રોટોટાઇપ ડેવલપમેન્ટ, ઈનક્યુબેશન સપોર્ટ અને GTU તરફથી મળતી આર્થિક સહાય વિશે વિદ્યાર્થીઓને વિસ્તૃત માહિતી આપી. તેમણે વેન્ચર ફંડિંગ અને પેટન્ટ ફાઇલિંગ પ્રક્રિયા તરફ વિદ્યાર્થીઓને પ્રેરિત કર્યા હતા.

કાર્યક્રમ દરમિયાન ઈલેક્ટ્રિકલ ડિપાર્ટમેન્ટના અંતિમ વર્ષના વિદ્યાર્થી કવન ધંધુકિયાએ તેમના પ્રોજેક્ટ ‘ઓનલાઇન ડેટા લોગર સિસ્ટમ’નું ડેમોન્સ્ટ્રેશન કર્યું. આ પ્રોજેક્ટમાં ઈલેક્ટ્રિકલ ડેટાને એનાલિટિકલ હેતુ માટે ગ્રાફિકલ ફોર્મેટમાં દર્શાવવામાં આવ્યું હતું.

ભાવનગર જિલ્લા ભાવેશાવ

ભાવનગર જિલ્લ

2. Technical Seminar on "Innovation and Opportunity in Steel"

An insightful expert lecture of Shri Ketan Bansal, an accomplished alumnus of our institute and currently serving as the Vice President of ArcelorMittal Capital Goods Company was organized on 29/8/2025. The session offered students a wonderful opportunity to learn from his vast industrial experience and inspiring career journey. Total 130 students and 15 Faculty members attended the session.



Celebration of Swachhata Pakhwada

The NSS Unit had organized *Swachhata Pakhwada* from 1st to 15th September 2025 with the objective of promoting cleanliness and social responsibility among students. During this fortnight-long program, 25 NSS volunteers actively participated in a comprehensive campus cleaning drive, ensuring cleanliness across all areas of the college premises. In addition to cleaning activities, the volunteers organized rallies and conducted awareness campaigns to highlight the importance of hygiene and a clean environment. NSS students also delivered informative speech emphasizing the role of cleanliness in maintaining health and discipline. The event was effectively coordinated by Prof. J. G. Parmar, Prof. N. P. Nirmal, and Prof. N. P. Soni, under the guidance and support of NSS Programme Officer Prof. P. H. Lakhani, making the initiative meaningful and impactful.



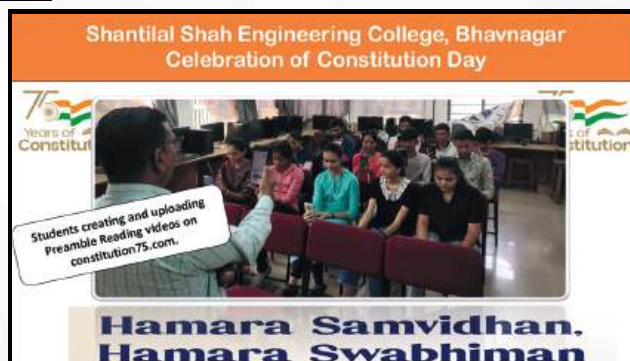
Celebrating Constitution Day Celebration

NSS Unit celebrated Constitution Day on 26/11/2025. The program commenced with the Reading of the Preamble to the Constitution of India. Students and faculty members actively participated and collectively reaffirmed their commitment to the ideals of Justice, Liberty, Equality, and Fraternity.

Students were encouraged to participate in the Online Quiz on Constitutional Democracy through MyGov.in. A large number of students registered and successfully completed the quiz, and many generated participation certificates through the MyGov platform. The quiz enhanced students' knowledge of constitutional provisions, democratic institutions, and fundamental rights.

Students from multiple departments actively participated in both activities. Students created videos, uploaded them on constitution75.com, and downloaded their certificates for Preamble Reading Program.

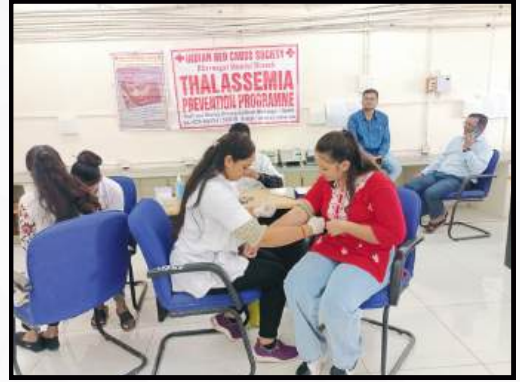
The program successfully created awareness among students about constitutional values and democratic responsibilities.



Yog Shibir

On the occasion of the 150th Birth Anniversary of Sardar Vallabhbhai Patel, the NSS Unit organized a Yoga Shibir on 26/11/2025. The program was conducted with the objective of promoting physical, mental, and emotional well-being among students, inspired by the values of discipline, strength, and unity upheld by Sardar Patel. A trained yoga instructor guided the participants through various pranayama and shuddhikaran (cleansing) techniques, including Anulom-Vilom, Kapalbhati, Bhramari Pranayama, Omkar Pranayama, Makar Pranayama, Naad Pranayama, and basic shuddhikaran practices. Around 30 students actively participated in the session, showing keen interest in understanding the techniques and their health benefits. The atmosphere remained energetic and focused throughout the program. The Yoga Shibir successfully emphasized the importance of yoga as a holistic practice for stress management, improved concentration, and overall wellness, while also serving as a meaningful tribute to the ideals and legacy of the Iron Man of India, Sardar Vallabhbhai Patel.





Thalassemia Awareness and Testing Camp

25/7/2025

Total tests done: 195



Har Ghar Tiranga Activities



Collective Singing of Vande Matram song & Pledge Taking under Har Ghar Swadeshi

Extra/Co-curricular Activities

- The institute published college magazine of January-June, 2025 on 15/8/2025.



- Pranshu Rajyaguru won up to State level Competition in Yuvak Mahotsav By Yuva Vikas Kendra Gujarat . He won:
- 1st Rank Elocution
- 1st Rank Mono acting
- 1st Rank at District In Instant Elocution
- Madhay Gujarat Zone
- Central Gujarat Zone
- 1st Rank In Instant Elocution
- 2nd Rank In Mono acting
- 2nd Rank in Elocution



- **Team SSEC has maintained its legacy. Our students have won Inter Zonal Youth Festival at GTU. A team of 46 students had participated in 26 events and have won prizes in following events:**

1. 1st in Folk Dance (Chirag Ramchandani, Khushbu Jethva, Smit Patel, Netra Vachhanai, Anandi Vadher, Arjun Umretiya, Brijraj Vala, Dhruviba Gohil, Param Mandaliya, Vishva Chauhan, Darshan Solanki, Maitree Jethva)
2. 2nd in One act Play (Pushti Bhatti, Pranshu Rajyaguru, Jayveersinh Gohil, Palak Parmar, Priyanshu Joshi, Aditya Raval, Sadhna Rathod, Pratipalsinh Gohil, Devakshi Vaghasiya)
3. 2nd in Mime (Pushti Bhatti, Dhruvjeetsinh Gohil , Priyanshu Joshi, Vishvadeepsinh Gohil, Aditya Raval, Gayatri Baraiya)
4. 1st in Quiz (Krish Wadhwani, Aayush Pandey, Dhruv Pandya)
5. 2nd in Debate (Pranshu Rajyaguru, Vishvadeepsinh Gohil)
6. 3rd in Elocution (Pranshu Rajygauru)
7. 1st in Percussion (Mitraj Sarvaiya)
8. 2nd in Folk Orchestra (Mitraj Sarvaiya, Saumil Dave, Yash Prajapati, Smit Patel, Jaypalsinh Rana, Arjun Umretiya, Sahaj Rathod, Khushbu Jethva, Netra Vachhani)
9. 2nd in Western Solo (Kavyaba Sarvaiya)
10. 2nd in Western Group Song (Pushti Bhatti, Ishani Pattani, Kavyaba Sarvaiya, Emika Dhar, Saumil Dave, Bhavin Dhanani)
11. 3rd in Indian Group Song (Pushti Bhatti, Ishani Pattani, Kavyaba Sarvaiya, Saumil Dave, Bhavin Dhanani, Kabir Bhojak)
12. 2nd in Duha Chhand (Parth Chhotala)

13. First in Rangoli (Komal Tank)
14. First in Collage (Komal Tank)
15. First in Poster Making (Akshitaba Chudasama)
16. Second in Clay Modeling (Riya Makwana)
17. Third in On the spot (Riya Makwana)
18. Third in Cartooning (Akshitaba Chudasama)

- **We have won Category trophy for :**

1. Fine Arts
2. Dance
3. Literature

- **We won General Champion**



Sumitomo Chemicals Ltd., Bhavnagar organizes “Excel Expression” every year as inter college competition. It is a blend of Cultural and Technical events. This year “Excel Expression 2025” was held during 13-14 December. 2025. Around 50 Students have participated in 10 events and have secured 10 positions. Sumitomo Chemicals will declare rank in separate program as per their tradition.

The events are as following:

1. One position in Karaoke
2. One Position in Lokgeet
3. Two positions in Radio Jokey
4. Two positions in Quiz
5. Two positions in Innovative Business Idea
6. Two positions in Science and Technology

As per rule of this Competition, they only announce names of the winners in each competition. Rank of each winner will be declared in a separate Winners’ Show.

- Students of this Institute : 1. Krish Wadhwani (3 Ele.), 2. Aayush Pandey (3 Ele.) and 3. Dhruv Pandya (1 Ele.) won first runners up prize, in the State Level Quiz Competition held at Darshan Engineering College Rajkot.



Sports Achievements

- Dr. Devang Rangani, Assistant Professor of English (General Department) was selected in Gujarat State Team for All India Civil Service Sports Tournament-2025 and he was selected to play national level tournament at Gandhinagar. This was his 6th consecutive selection for the event.
- Students of this Institute participated in the game of Kabaddi under the Parliament Sports Festival and secured the championship at the zone level and 3rd rank at the district level. Team members are as following:

- Chauhan Vimal (Captain)
- Dhanani Bhavin
- Pal Parth
- Parmar Parth
- Vadhel Harsh
- Koshya Madhav
- Sankhat Hasmukh
- Kasotiya Naresh
- Patel Moksh



- Anurag Singh from Electrical Engineering Department of this Institute was selected in GTU football team and won All India University National Level Championship.



- Shantilal Shah Engineering students participated in Tug of War game under the Parliament Sports Festival and won the championship at the zone level. Team Members were:

- | | |
|--------------------|-------------------|
| 1. Chauhan Vimal | 7. Harsh Ujjeniya |
| 2. Dhanani Bhavin | 8. Anurag Singh |
| 3. Vadhel Harsh | 9. Piplia Neel |
| 4. Koshiya Madhav | 10. Memkia Akshit |
| 5. Parmar Parth | 11. Vala Jayveer |
| 6. Naresh Kasotiya | |



- Kho Kho team of this Institute achieved unprecedented success by securing 3rd place at the GTU Inter Zone Level in the GTU Sports Festival 2025. Team Members were:

1. Harsh Ujeniya
2. Gaurav Baraiya
3. Gopal Makwana
4. Hasmukh Sankat
5. Mitul Vaniya
6. Nandan Kapadi
7. Mukund Kanjariya
8. Kushal Trivedi
9. Rohit Kumar Memkia
10. Jatin Rathod
11. Kuchhdiya Ramesh
12. Kotadiya Yug



- Girl students of this Institute participated in the game of Kabaddi under AGTU Mahotsav and secured second place in the zone level.

Team Members were :

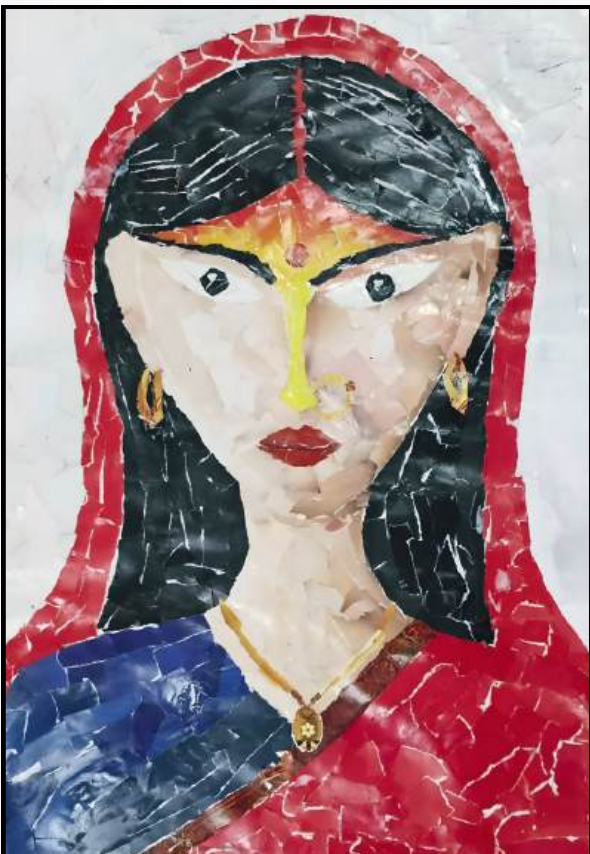
1. Mori Dhruvi
2. Zala Shivani
3. Vegada Hemangi
4. Sanghani Aastha
5. Padiya Nisha
6. Memriya Bhoomi
7. Gavit Sushmita
8. Chudasama Akshita
9. Palak Parmar
10. Shreya Tilak
11. Jodhani Srushti
12. Vaghasia Devakshi



- Verma Mithilesh, a student of IT Department brought pride to the institution by securing second position in powerlifting at the GTU Inter-Zone level.

Creative Corner

A Clay Model
Riya Makwana
4th IT



A Collage
Komal Tank
4th IT

Messages from Alumni

“Shantilal Shah Engineering College”, this name itself is enough to boost me even after 29 years of Graduation.

Shantilal Shah Engineering College, it is a bundle of experiences that I gained along with my degree. The best moment of life that helped to cultivate all the best qualities in my life.

Shantilal Shah Engineering College, shares the best professors and staff. We had wonderful faculty members who were ever ready to make us learn and solve our difficulties. We had nice training time at our laboratories. Our Educational trip to Sardar Sarovar Project was wonderful, way back in 1995.

The way to college was a little tough in those days, but it helped all the students to remain connected with each other and to help each other. Each and Every day, taught us new values of life along with Engineering. Thank you, Shantilal Shah Engineering College for everything that you have given me in my life.

I want to assure current students that we had and you have the best facilities and teachers students can ask for. Laboratories have all working instruments which give unique experience which students of other institutions might be missing. Under the guidance of your experienced teachers, resourceful Principal and strong bond with alumni, you will reach many milestones in life. Three cheers for SSEC...



Usha Vora

House Wife

Branch: Civil Engineering, 1992-1996

For an extraordinary reflecting on my time at SSEC, I often think about C.S. Lewis's observation that "hardships often prepare ordinary people for an extraordinary destiny." Even though I was a local student, stepping onto that campus for the first time felt like crossing a border into an entirely different universe it was the moment I realized I was finally finding my own feet in the world.

Looking back, those dusty roads were my training ground for resilience which taught me to handle whatever adversity came my way. That grit eventually carried me to the global stage, navigating executive boardrooms and the high-stakes journey of building and selling a tech company.

Coming from a non-English medium school, trying to master complex engineering theories was difficult, but our professors were more than just teachers; they didn't just teach us code; they taught us how to be resourceful and dream big despite the limitations.

The friendships born during those days taught me how you can make any situation fun with right people around you. The joy of organizing youth festivals and talent shows were lessons for stress management.

To the students at SSEC today: please don't resent the hurdles you face. The language barriers, the long commutes, and the late nights are exactly what will give you the "edge" in the real world. If you keep working with sincerity, life always works out itself. I am happy to be a part of growing alumni network. Alumni is a living community of support that will empower SSEC graduates for decades to come.

Chirag Dhruv

Designation: GPU Program Leader,
President of the Board - ATX Robotics

Institution: Apple, Inc. & ATX Robotics, Inc.

Branch: IC, 1994-1998



Committee Members

Guided by

**Principal
Dr. G.P. Vadodaria**

Editors

**Prof. A.A. Pandya
Prof. D.N. Vaishnav**

Designed by

**Priyanshu Joshi (4th Elec.)
Purva Gandhi (4th IT)**

Our Recruiters



Technology is the heart of a Nation & Engineers are its pulse...

Legal Aspects in Administration



Ms. Geetaba Jadeja
Government Advocate
Bhavnagar

Date:- 28 November, 2025
Time :- 5 PM

Venue : Seminar Hall, Admin Building, SSEC, Bhavnagar

Shantilal Shah Engineering College
Bhavnagar

Research, Innovation & Project Grants



Dr. Nital Nirmal
Assistant Prof
Production Engg
SSEC, Bhavnagar

Date:- 12 September, 2025
Time :- 11.30 AM

Venue : Seminar Hall, Admin Building, SSEC, Bhavnagar

Bhavnagar

My Story



Mr. Ketan Bansal
Vice President
ColorMittal

Google Sites: Content Management for Academics



Dr. Dhaval Varia
Associate Professor
IT Engineering
SSEC, Bhavnagar

Shantilal Shah Engineering College
Bhavnagar

**POWERED
BY
COLLABORATION**

Importance of Cyber Security in Day-to-Day

Shri V.D. Mehta, PSI,
Cyber Crime Police Station

Shantilal Shah Engineering College
Bhavnagar

Awareness Session on Dholera Smart City and Investment Opportunities

Mr. Jagrut Jani
Legal Advisor and Developer

Date:- 2 August, 2025
Time :- 12.30 PM

Venue : Seminar Hall, Admin Building, SSEC, Bhavnagar



Shantilal Shah Engineering College
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Gujarat, India.