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July - Dec 2022  
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# Biannual Pulse

The Newsletter



## Shantilal Shah Engineering College

BHAVNAGAR



# 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



# INDEX

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# Words of Motivation

Dear members of SSEC family- students, faculty and staff,

Greetings and wishing everyone A Very Progressive and Fruitful Year 2023!

New Year comes with great hopes, aspirations and opportunities. Time is a great teacher- it helps to take lessons from past, shows path to the better future and guides and motivates for achieving the set goals. One who knows to utilize the time in the right way, always moves ahead faster. We have a lot to learn from the last period, where we have some fine achievements, successes and awards; at the same time there are areas and issues to be addressed and act upon to improve.

There has to be a leader in every teacher; the one to whom the students look upon when there is a challenge to be taken up and 'To Win' is the only goal. Time and again our faculty members have demonstrated this in various roles and student performance areas. They deserve complements, and at the same time are charged with the responsibility to hand hold with others to move forward in disseminating the spirit; it's important to have succession planning.

For the students, it is always important to learn from various inputs, mentoring from college teachers may not be the only one to be resorted to. There are ample opportunities around, especially with the initiatives of the government to make the youth self-employed and self-sufficient; and so it is essential to identify and pursue what one likes and is good at. Being aware and curious, developing problem solving aptitude, being flexible to changes and survive the failures are what needs to be built in the personality. You may have role models in the field of your choice, who may be the torchlight to show you the way further. Mostly all, including your parents, teachers and seniors may have one or more such role models, who might have played a pivotal role. I wish you get the right role model, who may lead you to your dreams.

Would like to conclude with: "It is a miracle that curiosity survives formal education." - Albert Einstein.

Best wishes!

Dr. M.G. Bhatt



# Faculty Activities/Achievements

- Civil Engineering Department has organized the Teacher's Day celebration on 5th September which was coordinated by Prof. N.P. Soni.



- Civil Engineering Department had organized Engineers' Day event in association with UltraTech Cement Company. The event was coordinated by Prof. N. P. Soni.

The competition was conducted on following topics.

1. Advanced Construction Techniques
2. Optimization of Water Resources System
3. Solid Waste Management
4. Auto Clave Aerated Concrete
5. Self-Compacting Concrete
6. Building Information Modelling
7. Application of Software in Civil Engineering



<b>Winner Participants-Semester of the Team</b>	<b>Topic for Presentation</b>	<b>Name of Team Leader</b>
5	Building Information Modeling	Aman Kumar Singh
5	Building Information Modeling	Vala Harshdipsinh
7	Autoclaved Aerated Concrete	Charola Bhavesh Ganeshbhai
3	Application of Software in Civil Engineering	Dodiya Keyurbhai
3	Application of Software in Civil Engineering	Baldaniya Krunal Dhanjibhai
3	Solid Waste Management	Chudasama Krish
3	Application of Software in Civil Engineering	Parmar Abhay Rameshbhai
5	Optimization of Water Resource Systems	Gohil Vishvarajsinh Mahavirsinh

Chudasama Krish and his team won the first position in the event, Charola Bhavesh held the second position in the event and Gohil Vishvarajsinh and his team stood on the third position in the event.

- Prof. Jaydeepsinh Sarvaiya successfully submitted his thesis for doctoral studies in Gujarat Technological University, Ahmedabad on topic “Performance Enhancement of Power Distribution System with Optimization Strategy” in the month of July 2022.
- Prof. (Dr.) Ashok Parmar successfully completed his PhD from SVNIT, Surat on topic “Supply/Demand-side Resources Sizing and Management in Deregulated Power System: A Comparative Techno-economic Analysis” in the month of July 2022.

- **Site Visit**

A site visit was organized and coordinated by Prof. N. P. Soni & Prof. N. M. Joshipura for the student of B.E. Semester 3rd, at Silver Residency at Ring Road, Bhavnagar on 21/11/2022. Total 153 students visited. 6 bungalows were assigned for onsite measurements for their course activity of Building and Town Planning subject.



- Mechanical Engineering Department conducted industrial visits of Semester 5th students at the following industries in the Month of November, 2022.

- (1) Shrinath Plastics, Ruvapari Road, Bhavnagar where students learned about Plastic Product Manufacturing Processes and Plastic Processing Machine types.
- (2) Indo-German Tool Room, Chitra, Bhavnagar where students learned about CAD/CAM. 26 students participated in this visit.
- (3) Jay Tech Engineering, G.I.D.C. Chitra, Bhavnagar where students learned about fabrication technology, and different welding processes. Total 26 students were benefitted with this visit.
- (4) Priyal Industries, G.I.D.C., Chitra, Bhavnagar where students learned about different machine operations, jigs & fixtures, use of gauges, and operations performed on CNC Turner Machine. 12 students availed benefit of this visit.





- Students from BE Sem. 7th Mechanical along with two faculty members, Prof. N.Y. Parghi and Prof. V.N. Kalola visited the Gujarat State Electricity Corporation LTD Bhavnagar lignite-based thermal power station located at village Padva, Taluka Ghogha of Bhavnagar District in Gujarat on 18th October 2022 under the guidance of Head of the Department.



- Expert lecture on “Feasibility Assessment and Execution of Infrastructure Projects” was delivered by Prof. Y. P. Pathak, Assistant Professor at Government Engineering College, Bhavnagar on 29/7/2022



- Expert Lecture Delivered by Faculties of Civil Engineering Department at GEC, Bhavnagar

Sr No.	Name of Faculty	Title of Session	Date
1	Prof. P. S. Ramanuj	Road User Characteristics (for 5th semester)	5/8/2022
2	Prof. N. P. Soni	Basics of IPR, Patent & Design Filing (For all students)	29/7/2022

- Electrical Engineering Department of the Institute, in association with Vigyan Gurjari and National Digital Library of India (NDLI) organized an expert session on the theme of "Advancements in Hybrid Renewable Power Systems" on 8th Aug, 2022.

Dr. Siddharth Joshi, Asst. Professor at School of Technology, Pandit Deendayal Upadhyay Energy University (PDEU), Gandhinagar delivered this expert session to UG and PG students of Electrical Engineering, and faculty members. Dr. Joshi gave insights on recent advances in renewable power systems, and threw light on how renewable energy sources can be combined to make hybrid renewable power system

The session was compered by Mr. Dipanshu Kushwaha, 7th Semester student of Electrical Engineering. On behalf of the Department and the Institute, Prof. A. M. Upadhyay and Dr. Astik Dhandhia introduced and welcomed the expert at the Institute. Dr. Astik offered vote of thanks to the expert.



- PGVCL had organized an idea presentation/poster/model making competition on “Innovative Ideas on Energy Conservation”. The presentation and award ceremony were scheduled on 26th December 2022. The venue for event was Gujarat Energy Knowledge Centre, PGVCL, Chavdigate, Bhavnagar. Total six student participants of Electrical Department, Shantilal Shah Engineering College had participated in the event. Students participants from Electrical Department were Abhay Metra, Hardik Kandoliya, Rathva Pradip, Nakum Jay, Adarsh Bhatt, Dave Jay, Milan Solanki, Pramod Sahani, Deepanshu Kushwaha, Manan Oza, Dhrup Solanki. Prof. B. N. Vaidya, Prof. A. B. Parmar and Prof. J. B. Sarvaiya graced the occasion as a jury panel.



- Dr. D.N. Vaishnav delivered an Expert Talk on “Interview Skills” under UDISHA Vocational Training Workshop Series on 27/08/2022 at Government Arts College, Talaja, Bhavnagar.



- Dr. D.N. Vaishnav presented a paper titled “Sologamy: A Calibrated Choice of Self-partnering or Challenging the Society?” at 25th International Conference on “A Requiem for Theory! Eschatological Ruminations” organized by Forum on Contemporary Theory, Baroda in collaboration with The Department of English, Cotton University, Guwahati, Assam, & International Lincoln Centre for American Studies, Louisiana State University in Shreveport, USA on 20-23 December, 2022 at Don Bosco Institute, Guwahati, Assam.



## Faculty Publications

Sr No	Name of Faculty	Title of the Paper/Article	Name of Journal/Book	Month & Year
1	Dr. V. M. Patel	A Review of the Application of the Revised Universal Soil Loss Equation for Estimation of Annual Soil Loss using Conventional Methods and GIS.	International Research Journal of Engineering and Technology (IRJET)	December 2022
2	Dr. V. M. Patel	Comparison of Two Open-source Digital Elevation Models for 1D Hydrodynamic Flow Analysis: A Case of Ozat River Basin, Gujarat, India.	Earth Syst. Environ (UGC Care / Springer)	November 2022
3	Dr. V. M. Patel	Benchmarking the Impact of Micro Watersheds of Sabarkantha and Aravalli Districts of Gujarat, India.	Agricultural Science Digest (Scopus Index)	October 2022
4	Prof. H. M. Gandhi	Downscaling Approach for Analysis and Forecasting of Meteorological Parameters and Identification of Different Drought Years	Journal of Water and Climate Change (IWA)	July 2022
5	Prof. N. P. Soni	A Study on Conventional Traffic Problems of Bhavnagar City	National Conference on Sustainability in Civil Engineering	September 2022
6	Prof. D. N. Vaishnav	"The 'Madness' of a Woman: The 19th Century and After"	Seminar Proceedings National Seminar: "The 19th Century English Women Novelists & their Impact on The Women Writers Worldwide"	2022

<b>Sr No</b>	<b>Name of Faculty</b>	<b>Title of the Paper/Article</b>	<b>Name of Journal/Book</b>	<b>Month &amp; Year</b>
7	Dr. Mehul Solanki	Robust and Low-Cost Cascaded-PI Control of Electric Spring Using Filtering Capacitor Current as Minor Current Loop Feedback	J. Inst. Eng. India Ser. B	September 2022
8	Prof. Mayur Gojiya	Effect of Transformer Windings (Not Under The Test) on The Frequency Response (FR) of The Winding Under The Test	“Emerging Research in Electronics, Computer Science and Technology” ICEREC T – 2022	December 2022

# Faculty Trainings

Sr No	Name of Faculty	Title of the Training	Name of Organizing Institute	Date
1	Prof. J. B. Sarvaiya	Stress Management	MOOC, IIT Kharagpur	22/8/22-21/9/22
2	Prof. V B Pandya	Stress Management	MOOC, IIT Kharagpur	22/8/22-21/9/22
3	Prof. T B Maniar	Stress Management	MOOC, IIT Kharagpur	22/8/22-21/9/22
4	Prof. A K Dhandhia	Induction Phase-1	NITTTR, Bhopal	11/10/22-21/10/22

# Students Achievements

- Divya Solanki, 5th Semester Electrical Engg. student has completed IGC PVSC-I and IGC PVSC-II camps during 26/08/2022 to 02/09/2022 and during 09/09/2022 to 16/09/2022 respectively.
- First sortie by Pushan Alagiya, a student of 4th IT - CDT





# Training and Placement

## A Seminar on Essentials of GRE/TOEFL and IELTS Examination System: Preparation and Success



Training and Placement Cell of Shantilal Shah Engineering College, Bhavnagar organized a seminar on Essentials of GRE/TOEFL and IELTS Examination System: Preparation and Success on 16th Sep, 2022. Ms. Bhagyashree Vaswani, from ETS Global and DP Cube Learning enlightened a gathering of over 120 students seeking to explore the avenues of overseas studies. The session was very interactive with present students expressed their own hurdles and doubts, and the expert Ms. Bhagyashree addressed to each one of the questions with complete detailing. All in all, a very fruitful session for the students.

## Industry-Institute Interaction Meet with CII



Institute participated in an Interactive meet with Mr. Darshan Shah, Managing Director of Hitachi HiRel Power Electronics Ltd. and Vice Chairman, CII Gujarat State Council CII on 1st July, 2022.

This meeting was intended to provide an opportunity to discuss the issues and the growth potent of the industries in Bhavnagar and how CII can help in facilitating further growth to local industries and how can academia contribute to that. The meeting provided an opportunity to network with representatives from local and regional industries and share thoughts on building mutually beneficial interactions.

## List of Selected Candidates during June-Dec, 2022 from Batch Graduating in 2023

Sr No	Enrolment No.	Name	Company
1	190430109001	Darshak Atulkumar Acharya (Electrical)	Tatvasoft
2	190430116040	Devanshu Shaileshbhai Hrasora	Tatvasoft
3	190430116024	Bhavya Vijaybhai Fultariya	Tatvasoft
4	190430116015	Umeshkumar Samatbhai Chudasama	Tatvasoft
5	190430116055	Komal Parasotambhai Kamani	Tatvasoft
6	190430116129	Priyankkumar Punjabhai shir	Tatvasoft
7	190430116029	JAY BHARATBHAI GAUDANI	Tatvasoft
8	190430116066	Viren Ramnikbhai Laniya	Tatvasoft
9	190430116018	Kishan Mukesh Dangar	Tatvasoft
10	190430116032	Priyansh Godhani	Crest Infosystem Pvt. Ltd.
11	200430116521	Reeti Shashikant Maurya	Crest Infosystem Pvt. Ltd.
12	190430116064	Ladva Nikunj Pravinbhai	Crest Infosystem Pvt. Ltd.
13	200430116510	Harsh Jani	IT Path Solutions
14	190430116102	Patel Miten Mukeshbhai	IT Path Solutions

<b>Sr No</b>	<b>Enrolment No.</b>	<b>Name</b>	<b>Company</b>
15	190430116090	Pancholi Devarshi Rashminbhai	IT Path Solutions
16	200430116513	Lathiya Urvashi Vinodbhai	IT Path Solutions
18	190430116093	Darshil Parmar	Acty Systems
19	190430116036	Harsh Goradiya	Acty Systems
20	190430116044	Jadav Aditi Bharatbhai	Acty Systems
21	190430116002	Dhairya Andhariya	Acty Systems
22	190430116113	Aditya Ajay Rai	WebOccult Technologies Pvt. Ltd.
24	190430116102	Mitenkumar Patel	Aspire Softserv Pvt Ltd
25	190430116104	Soham Patel	Aspire Softserv Pvt Ltd
26	190430116042	Manthan Hirani	Aspire Softserv Pvt Ltd
27	190430116122	Parth Sakariya	Aspire Softserv Pvt Ltd
28	190430116124	Meetkumar Savani	eSparkBiz
29	200430116520	Dodiya Bhavdip	eSparkBiz
30	190430116046	JAVIYA RAJKUMAR ASHWINBHAI	eSparkBiz
31	190430116132	Vishal Singh	Theta Technolab



<b>Sr No</b>	<b>Enrolment No.</b>	<b>Name</b>	<b>Company</b>
32	200430116527	Niraj Rathod	Theta Technolab
33	190430116007	Baraiya Kuldeepkumar Ashokbhai	Square Infosoft
34	190430116056	Kambadiya sanjay pithabhai	Square Infosoft
35	190430116133	Sojitra Jigar Pravinbhai	Square Infosoft
36	190430116021	Dholariya Arpit Tulshibhai	Wappnet Systems Pvt Ltd
37	200430116515	Bhargav Liladharbhai Borkhatariya	Wappnet Systems Pvt Ltd
38	190430116004	Bamroliya Neel Hemantbhai	Wappnet Systems Pvt Ltd
39	200430116510	Jani Harsh Anilbhai	Wappnet Systems Pvt Ltd
40	190430116097	PARMAR UMANG SHAILESHBHAI	Cybercom
41	190430116142	DHRUV BHAVESHBHAI TILVA	Cybercom
42	190430116136	SONAGARA ANILKUMAR MANAHARBHAI	Cybercom
43	190430116075	MISTRY DUTTKUMAR AMITBHAI	Cybercom
44	190430116038	SARVESH SUKHRAJ GUPTA	Cybercom
45	190430116108	ZENIL MANISHBHAI PATEL	Cybercom
46	190430116135	PRIYANSHU HASMUKHBHAI SOLANKI	Cybercom

<b>Sr No</b>	<b>Enrolment No.</b>	<b>Name</b>	<b>Company</b>
47	200430116517	HARSH DINESHBHAI PARMAR	Cybercom
48	190430116096	PARMAR PARAG	Cybercom
49	190430116054	HITESHA KAMANI	Cybercom
50	190430116126	SHAH HITANSHI SANJAYBHAI	Cybercom
51	190430116095	PARMAR NIKUNJ MAHESHBHAI	Cybercom
52	190430116060	KHUNT HIREN	Cybercom
53	190430116083	Nasit Vivekkumar Dineshbhai	Silent Infotech
54	190430116124	SAVANI MEETKUMAR J	Silent Infotech
55	190430116069	Manani Devang B.	Silent Infotech
56	190430116026	Om Gajipara	Silent Infotech
57	190430116098	Vishwajit Parmar	Silent Infotech
58	190430116013	Chhatbar Deep Bharatbhai	Silent Infotech
59	190430116074	Ashaben Mevada	KarmaLn
60	190430116085	Vishal Paghadar	Caspoint
61	190430116134	Solanki Bhautik Mukeshbhai	Caspoint

<b>Sr No</b>	<b>Enrolment No.</b>	<b>Name</b>	<b>Company</b>
62	190430116063	Lad Vishal Harishbhai	Casepoint
63	190430116088	Vinit Panchal	Casepoint
64	200430116531	Vaghela Mahisha	Casepoint
65	190430116023	Alok Dwivedi	Third Rock Techkno LLP
66	190430116014	Chhatrala Dharmikkumar Ashvinbhai	Knovos
67	190430116069	Devang Manani	Valens DataLabs Pvt. Ltd.
68	190430116089	Parth Panchani	Valens DataLabs Pvt. Ltd.
69	190430116090	Pancholi Devarshi Rashminbhai	Samrisha Infotech Pvt. Ltd.

# College Activities at a Glance

## Engineers' Day Celebration

Shantilal Shah Engineering College, Bhavnagar celebrated Engineers' Day at the institute on 15th Sep, 2022. A host of activities included presentations on emerging technologies in various domains by students, and a key note address by special guest, Mr. Nisheeth Mehta, Founder & CEO of Microsign Products. Mr. Mehta, a renowned and acclaimed name in promoting and employing large number of physically-challenged personnel for professional domain at his organization, gave very inspiring address to a gathering of over 140 students and faculty members. He talked at length about values of becoming a successful professional. His son and MD of the organization, Mr. Pathik Mehta- who also is an ex-international circuit table tennis player of repute also gave account of what modern day companies expect from budding engineers. Principal Dr. M.G. Bhatt wished the gathering a fruitful Engineer's Day, and asked present students to try and imbibe organizational values from the journey of successful entrepreneurs, like Mr. Nisheethbhai.





### **Students' Visit to IPR Exhibition**

Institute for Plasma Research (IPR), Ahmedabad organized an exhibition of their projects and models during 19th & 20th July, 2022 at GEC, Bhavnagar. Institute students from SSEC from all branches visited the exhibition during these two-days, along with faculty co-ordinators from each department. Students hugely benefitted from conceptual understanding of generation of plasma and a demonstration thereof.



## Farewell to SSEC Family Members

Year 2022, was a tough time for the Administration section of Shantilal Shah Engineering College as 5 staff members – teaching and office staff – retired between July to December, 2022. The institute faced an emotional and workload related crisis.

<b>Sr No</b>	<b>Name of the staff</b>	<b>Designation</b>	<b>Date of Birth</b>	<b>Date of Joining</b>	<b>Date of Retirement</b>
1	Shri V.R. Pandya	Peon	27/07/1962	20/07/1983	31/07/2022
2	Shri D.T. Doshi	Senior Clerk	20/08/1964	18/07/1987	31/08/2022
3	Shri M.H. Babariya	Machine Attendant	27/09/1962	03/02/1994	30/09/2022
4	Shri K.P. Makwana	Senior Clerk	21/11/1964	17/07/1992	30/11/2022
5	Prof. H.S. Trivedi	Professor (Applied Mechanics)	08/12/1960	01/09/1982	31/12/2022

Any institution works well with its skilled manpower and commitment towards the institute and the person who is retiring would have got a successful work style, knowledge of administration and skill to manage different types of tasks and relieving that colleague will be a loss to the institute.

The institute will always be ready to welcome back such sincere and committed staff members in the family and also wish their future days to be full of health and happiness.



**Shri V.R. Pandya**



**Shri D.T. Doshi**



**Shri M.H. Babariya**



**Shri K.P. Makwana**



**Prof. H.S. Trivedi**



# NSS Activities

## Climate Change Youth Outreach Program



Elocution Competition



Group Discussion



Slogan Writing Competition



Innovative Ideas for Combating Climate Change (I2C3) Competition



Essay Writing Competition

# Celebration of Constitution Day

## Event Name

Celebration of 5th Constitution Day on 26th November, 2022

## Event Date, Time and Location

22-11-2022, LRC building, SSEC, Bhavnagar

## Brief Description of the Event

India is governed in terms of the constitution of India, which was adopted by the constitution Assembly on 26th November 1949 and came into force on 26th January, 1950.

The Constitution Day was celebrated at Shantilal Shah Engineering College, Bhavnagar on 26th November, 2022, to spread awareness about the Indian Constitution and to instill true democratic values among the students. Students of NSS unit gathered at LRC building and read the preamble, they also participated in online quiz on “India - The Mother of Democracy” organized by Ministry of Parliamentary Affairs through online portal. The NSS POs, Prof. P. H. Lakhani and Prof. N. P. Nirmal encouraged the students to complete participation quiz and download certificates.

A talk on Fundamental Duties to the Constitution was organized by Prof. N. P. Soni from Civil Engineering Department. Significance of the Constitution Day and the importance of being a Sovereign, Socialist, Secular, Democratic and Republic country were talked during the session and Prof. Soni explained the meaning of the Constitution, the Preamble, the Five-year Plan and the Directive Principle. More than 50 NSS volunteers attended the programme on Constitution Day.

## Major Outcomes of the Event

The learners were made aware about the meaning of the Preamble of the Constitution.

This celebration helped us to reaffirm our faith in the philosophy and ideals given in the constitution.





NSS Volunteers participating in online Quiz Competition



Talk by Prof. N. P. Soni on Indian Constitution



Reading of Preamble to the Constitution

# Blood Donation Camp

**NSS Unit Name/College Name:**

Shantilal Shah Engineering, College, Bhavnagar

**Event Name:**

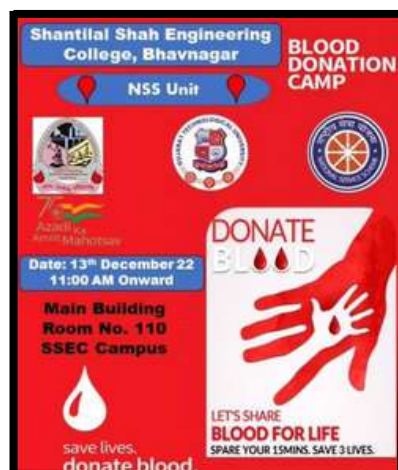
Blood Donation Camp (Total 31 Units of Blood collected)

**Event Date, Time and Location:**

13/12/2022 Main Building Room No. 110

**Brief Description of the Event:**

On the request of Bambhaniya Blood Bank, Bhavnagar to meet its emergency requirements, voluntary Blood Donation Camp was organized at this college on 13th December 2022. With overwhelming response 31 units of blood were donated. Thus the students have set nice example of humanitarian services.



# Azadi Ka Amrit Mohtsav

Following is the activity wise report from 27th July to 8th August 2022 on 'Har Ghar Tiranga', a campaign under the aegis of Azadi Ka Amrit Mahotsav



Reading of Resolution & Pledge Taking



Flag Making Competition



Elocution & Singing Competition



Essay Writing Competition



Registration on portal to pin a flag and upload a selfie with Tricolor



Sr No	Name of the College	Name of the Event	Date of the Event	No. of Participants
1	Shantilal Shah Engineering College, Bhavnagar	Reading of Resolution Letter and Taking a Pledge	27/7/2022	140
2		Flag Making Competition	02/08/2022	17
3		Elocution and Singing Competition	02/08/2022	16
4		Essay Writing Competition	02/08/2022	12
5		Online Quiz Competition	02/08/2022	136
6		Registration on Portal to Pin a Flag and Upload a Selfie with Tricolour	06/08/2022	100

Following is the activity wise report from 8th August 2022 to 15th August 2022 on 'Har Ghar Tiranga' which is a campaign under the aegis of Azadi Ka Amrit Mahotsav

- Guest Lecture on “ભારતીય ઇતિહાસનું વિકૃતિકરણ”:

A guest lecture was organized by the institute to better understand the Indian history. Prof. Hiteshbhai Vyas from M J College of Commerce, Bhavnagar took the lecture on 8th August 2022 on subject “ભારતીય ઇતિહાસનું વિકૃતિકરણ”. Prof, Vyas explained the Indian History and sense of independence. Around 50 students attend the session.



- **Run for Tiranga at MKBU University:**

To fly the national flag is a sign of pride and patriotism. It a positive affirmation of loyalty and commitment. “Run for Tiranga” was organized on 10th August 2022 by MKBU University, Bhavnagar. Students made registration and gathered at cricket ground of MKBU University. Principal Dr. M. G. Bhatt and members of sprots committee also remained present at the event. All the participants ran with flag in hand. The distance of run was around 4 Km with starting and ending point at cricket ground of MKBU.



- **Run For Tiranga at SSEC, Bhavnagar:**

A tiranga run with all staff and students was organized at SSEC, Bhavnagar on 15th August 2022. Around 60 members from staff, students and security persons participated in run.





- **Celebration of Independence Day:**

As a part of the 76th Independence Day Celebration on 15th August, 2022, flag hoisting ceremony was arranged in the college. The tricolor was hoisted by the Hon'ble Principal with the recitation of the National Anthem with the aim to honor the historical event of the day. On the occasion, Dr. M. G. Bhatt conveyed Independence Day greetings to the gathering. Principal and senior staff remained present from all the departments and uncovered the college newsletter containing the details about the college activities during the past six months.



# Mini Project on Seed Ball

**NSS Unit Name/College Name:**

Shantilal Shah Engineering, College, Bhavnagar

**Event Name:**

Mini Project on Seed Ball on 15th July, 2022

**Event Date, Time and Location:**

15th July, 2022, 1:00 PM to 2:00 PM, SSEC Campus, Bhavnagar

**Brief Description of the Event:**

The Seed Ball project focuses on increasing green cover across India, especially cyclone or drought affected areas. The process involves making golf ball-sized mixture of soil, seeds and compost, and scattering it in suitable places for trees to grow.

Among many initiatives to improve green cover, making and distributing seed balls is a quicker and cost-effective method to reclaim the lost green cover of our environment. Hence, it is an emerging afforestation technique adopted worldwide, seed balls are most commonly used for ecological restoration.

The NSS Volunteers and other students of BE and ME participated in the event and prepared 100 seed balls and made plantation with them.

**Major Outcomes of Event:**

All the participants understood the value of environment and nature surrendered to them and make them safe.



# Road Safety Awareness Program

**NSS Unit Name/College Name:**

Shantilal Shah Engineering College, Bhavnagar

**Event Name:**

Road Safety Awareness Program

**Event Date, Time and Location:**

09-06-2022 10:30 AM SSEC Campus, Bhavnagar

**Brief Description of the Event:**

With idea of spreading awareness for road safety, Shantilal Shah Engineering College, Bhavnagar and RTO, Bhavnagar had organized a programme on 9th June 2022 at Shantialal Shah Engineering College, Bhavnagar. We had invited a Traffic Education and Awareness Mobile vehicle in the campus from RTO Bhavnagar. Many of the students visited the mobile vehicle and had seen the presentation and video related to road safety awareness. Pamphlets related to different signs and symbol related to traffic were distributed among the students. Staff from RTO office had explained use of different signs on road while driving. Students enthusiastically interacted with the staff from RTO.

**Major Outcomes of Event:**

Staff from RTO office nicely explained the importance of traffic rules to be followed while driving.



# Swachh Sagar Campaign

**NSS Unit Name/College Name:**

Shantilal Shah Engineering College, Bhavnagar

**Event Name:**

Swachh Sagar Campaign

**Event Date, Time and Location:**

9th September 2022 8:00 AM, Kuda seashore, Bhavnagar

**Brief Description of the Event:**

Hon'ble Minister of State, Ministry of Science and Technology, Government of India and by the Hon. Minister (Education Gujarat State) instructed to initiate "Swachh Sagar" campaign. Such campaign helps to aware the people about sea cleaning campaign, proper disposal of waste and creating awareness about marine cleanliness of costal area of Gujarat.

In connection with this swachh sagar campaign, a one-day program was organized by the NSS Unit of SSEC, Bhavnagar. In which we conducted swachhta drive on 9th September 2022 at Kuda Village Seashore. In which volunteers of our NSS Unit went to Kuda and cleaned the seashore by disposing plastic and other garbage from the seashore. Students informed and explained the people coming to the seashore about proper disposal of waste and marine cleanliness. A total of 32 student volunteers and 4 faculty members participated in this Swachh Sagar campaign.

**Major Outcomes of Event:**

Thousands of marine animals worldwide have been affected by plastic pollution, including sea turtles, seabirds, and marine mammals. Therefore, Beach clean-ups are vital to mitigate the problem caused by ocean debris and the danger that plastic pollution poses to marine life. Thus, volunteers were learned the necessity of clean sea.





A Seminar on “Cyber Crime Awareness” organized at SSEC, Bhavnagar on 08/09/2022



## Extra/Co-curricular Activities

- Borisagar Jay, a student of 7th Mechanical participated and won 1st prize in two different dance events:
  1. Arohan, All Engineering College Dance Competition, Gandhinagar on 03 - 08- 2022
  2. Swami Shahjanand School & Management Bhavnagar SPARK event Dance Deewana, on 28-12-2022



- The Institute published college magazine Jan-June, 2022 on 15th August, 2022.



- Vivek Vegad, 3rd Semester Electrical student is selected to represent Gujarat Technological University Yoga Team Men for participating in the All India Inter University Tournament during 26/12/2022 to 29/12/2022.



# Ahmedabad Zone Youth Festival – 2022

Total 392 students of 19 colleges participated in Ahmedabad-Gandhinagar Zone of GTU for Zonal Youth Festival, 2022. 31 students participated in 26 events from SSEC and won ranks in total 20 events.

## First rank

- Ad Making – Dharmil Bhatt (Civil), Ishratjahan Sheikh (Civil), Parag Lakum (IT), Rishi Solanki (Mechanical), Harsh Dhakan (Civil), Ronak Bhoraniya (IT)
- Poetry recitation – Trusha Nandola (IT)
- Quiz – Devarshi Pancholi (IT), Harshil Pipavat (Mechanical), Nisarg Khasiya (IT)
- Non-percussion – Viraj Patel (Civil)
- Folk Orchestra – Harsh Dhakan (Civil), Kashyap Dave (IT), Kunal Rai (Elec.), Jahnavi Gosai (Civil), Nilesh Rathod (Civil), Trusha Nandola (IT), Kabir Prachhak (Mech.), Viraj Patel (Civil), Vishwa Patel (IT)
- Mimicry – Dharmil Bhatt (Civil)
- Folk Dance – Trusha Nandola (IT), Vishwa Patel (IT), Shruti Pandya (IT), Ridhhi Harsora (IT), Nishtha Lodhari (IT), Hetvi Solanki (IT), Harsh Viradiya (IT), Nilesh Rathod (Civil), Dhaval Gohel (IT), Rishi Solanki (Mech.), Kashyap Dave (IT), Parag Lakum (IT)
- Collage – Pragna Gajra (Civil)
- Clay Modelling – Manish Maru (Civil)
- Mahendi – Hetvi Solanki (IT)
- Installation – Viraj Patel (Civil), Hetvi Solanki (IT), Manish Maru (Civil), Parth Moradiya (IT)

## Second rank

- Duha-chhand – Sagar Bambhaniya (Civil)
- Skit – Amankumar Singh (Civil), Viraj Patel (Civil), Jahnavi Gosai (Civil), Kabir Prachhak (Mech.), Kandarp Raval (Mech.), Kunal Rai (Elec.)
- Poster Making – Ridhhi Harsora (IT)
- Cartooning – Ridhhi Harsora (IT)
- Rangoli – Pragna Gajra (IT)

### Third rank

- Bhajan – Sagar Bambhaniya (Civil)
- Paad purti – Yogesh Bhil (IT)
- Elocution – Parth Moradiya (IT)
- On the Spot Painting – Ridhhi Harsora (IT)

### Won Category trophy of

- Dance
- Fine Arts

### Won General Championship trophy



## જીટીયુ દ્વારા અયોજિત અમદાવાદ-ગાંધીનગર ઝોનના યુવક મહોત્સવમાં શહેરની શાંતિલાલ શાહ ઈજનેરી કોલેજ જનરલ ચેમ્પિયન બની

૨૦ સ્પર્ધામાં ઉત્કૃષ્ટ દેખાવ કરીને ૬૩ ગુણ સાથે પ્રથમસ્થાન મેળવ્યું

। ભાવલગર (સંદેશ પ્રતિનિધિ) ।

જીટીયુ દ્વારા અયોજિત અમદાવાદ-ગાંધીનગર ઝોનના યુવક મહોત્સવ અમદાવાદ ખાતે યોજાયો હતો, આ યુવક મહોત્સવમાં ભાવનગરની શાંતિલાલ શાહ એન્જિનિયરિંગ કોલેજ જનરલ ચેમ્પિયન બની છે.

અમદાવાદ-ગાંધીનગર ઝોનના યુવક મહોત્સવમાં કુલ ૩૨ પૈકી ૨૬ સ્પર્ધામાં સંસ્થાના વિદ્યાર્થીઓએ ભાગ લીધો હતો. ૨૦ સ્પર્ધામાં ઉત્કૃષ્ટ દેખાવ કરીને ૬૩ ગુણ સાથે પ્રથમ

એન્જિનિયરિંગ કોલેજ પદ ગુણ સાથે બીજો અને એલ.ટી.એન્જિનિયરિંગ કોલેજ ૫૦ ગુણ સાથે ત્રીજો ક્રમ મેળવ્યો હતો.

સંસ્થાના વિદ્યાર્થીએ લોક નૃત્ય, લોક વાદ્ય, સંગીત, ક્વીઝ, એડ મેકિંગ, ઈન્ટોલેશન, મિમિક્રી (ધુમીલ ભટ્ટ), કાવ્ય પઠન (તૃષા નાન્ડોલા), સ્વરવાદ્ય (વિરાજ પટેલ), કલે મોડર્લીંગ (મનિષ માડુ), કોલેજ (પ્રશા ગજેરા) અને મર્લેટી (હેત્વી સોલંકી) પ્રથમક્રમ પ્રાપ્ત કર્યો હતો. જ્યારે લુપ્ત નાટક, દ્રશ્ય, છંદ, પોસ્ટર મેકિંગ, કાર્ટૂનિંગ

મેળવ્યો છે. તેમજ ભજન, પાદપૂર્તિ, વકતૃત્વ સ્પર્ધા અને તત્કાલ ચિત્ર સ્પર્ધામાં ત્રીજો નંબર પ્રાપ્ત કર્યો છે. કોરોનાને લીધે બે વર્ષ પછી યોજાયેલ યુવક મહોત્સવમાં ભૂપાજ નવા વિદ્યાર્થીઓએ ઉત્કૃષ્ટ દેખાવ કરવા બદલ તમામ ખાતાના વડાઓ અને આચાર્યોએ તમામ વિદ્યાર્થીઓ અને ટીમ મેનેજરોને અભિનંદન આપી બિરદાવ્યો હતો. વિદ્યાર્થીઓ સાથે પ્રો. તેજસ મણિયાર, પ્રો. આનંદ કાલાણી, પ્રો. અરવિંદ મેજિયા, પ્રો. ખવની વેપ્પાવ અને પ્રો. અલ્પેશ પંડ્યા ટીમ

# Interzone Youth Festival – 2022

Total 467 students of 44 colleges participated in Ahmedabad-Gandhinagar Zone of GTU for Inter-zonal Youth Festival, 2022. Students of this institute ranks in 15 events.

## First rank

- Ad Making – Dharmil Bhatt (Civil), Ishratjahan Sheikh (Civil), Parag Lakum (IT), Rishi Solanki (Mechanical), Harsh Dhakan (Civil), Ronak Bhoraniya (IT)
- Poetry Recitation – Trusha Nandola (IT)
- Mimicry – Dharmil Bhatt (Civil)
- Non-percussion – Viraj Patel (Civil)
- Folk Dance – Trusha Nandola (IT), Vishwa Patel (IT), Shruti Pandya (IT), Ridhhi Harsora (IT), Nishtha Lodhari (IT), Hetvi Solanki (IT), Harsh Viradiya (IT), Nilesh Rathod (Civil), Dhaval Gohel (IT), Rishi Solanki (Mech.), Kashyap Dave (IT), Parag Lakum (IT)
- Cartoon – Ridhhi Hasora (IT)
- Collage – Pragna Gajra (Civil)
- Mahendi – Hetvi Solanki (IT)
- Installation – Viraj Patel (Civil), Hetvi Solanki (IT), Manish Maru (Civil), Parth Moradiya (IT)

## Second rank

- Duha-chhand – Sagar Bambhaniya (Civil)
- Elocution – Parth Moradiya (IT)
- Folk Orchestra – Harsh Dhakan (Civil), Kashyap Dave (IT), Kunal Rai (Elec.), Jahnvi Gosai (Civil), Nilesh Rathod (Civil), Trusha Nandola (IT), Kabir Prachhak (Mech.), Viraj Patel (Civil), Vishwa Patel (IT)
- On the Spot Painting – Ridhhi Harsora (IT)
- Rangoli – Pragna Gajra (Civil)

## Third rank

- Quiz – Devarshi Pancholi (IT), Harshil Pipavat (Mech.), Nisarg Khasiya (IT)

## Won Category trophy of

- Dance
- Fine Arts

## Overall Championship

SSEC has secured First position with 54 points and SAL was second with 39 points. BVM third with 34, GEC Bhavnagar with 30, LD with 25 are next.



**GTU દ્વારા આયોજિત ઈન્ટરઝોન યુવક મહોત્સવમાં  
શહેરની શાંતિલાલ શાહ ઈજનેરી  
કોલેજના શિરે ચેમ્પિયનશિપનો તાજ**

**નૃત્યકલા અને લલિતકલા સ્પર્ધામાં પણ ચેમ્પિયનશિપ પ્રાપ્ત કરી**

**। શાંતિલાલ શાહ (ઈજનેરી પ્રતિનિધિ) ।**  
GTU દ્વારા આયોજિત ઈન્ટરઝોન યુવક મહોત્સવ સમદાવાડની સાલ ઈજનેરી કોલેજના ઉપક્રમે તાજેતરમાં યોજાયો હતો. આ યુવક મહોત્સવ અંતર્ગત ૩૨ સ્પર્ધામાં ૪૪ કોલેજના કુલ ૫૮૫ વિદ્યાર્થીઓએ ભાગ લીધો હતો. ભાવનગર શહેરની શાંતિલાલ શાહ ઈજનેરી કોલેજનાં ૩૦ વિદ્યાર્થીઓએ ૨૮ સ્પર્ધામાં ભાગ લઈ ૧૫ સ્પર્ધામાં વિજય મેળવ્યો હતો. આ સ્પર્ધાઓ પૈકી ૯ માં પ્રથમ, ૫માં દ્વિતીય અને ૧ સ્પર્ધામાં ત્રીતીય સ્થાન મેળવી કુલ ૫૪ પોઈન્ટ સાથે ચેમ્પિયન બની છે.

જ્યારે અમદાવાદ સાલ ઈજનેરી કોલેજ ૩૯ પોઈન્ટ સાથે ૨૧મો અંક અને BVM કોલેજ ૩૪ પોઈન્ટ સાથે ત્રીતીય ક્રમ મેળવ્યો છે. સપ્ટેમ્બર મહિનામાં યોજાયેલ અમદાવાદ ઝોનનાં યુવક મહોત્સવમાં આ સંસ્થા ચેમ્પિયન બની હતી. ત્યાર બાદ વિદ્યાર્થીઓનાં સાચા પદાર્થન થકી સંસ્થા ૪૪ કોલેજોની હાઈકોર્ટની ચમ્પી ઈન્ટરઝોનમાં પણ ચેમ્પિયન બની છે. સંસ્થાના વિદ્યાર્થીઓએ મિમિકી (પરમિલ બટ), હવર વાદ્ય (વિરાજ પટેલ), શોક નૃત્ય (તુષા નાંદોલા, વિરવા પટેલ, સુનિ

હેન્લી સોલંકી, હર્ષ વિરડિયા, નિલેશ રાહોડ, પવલ ગોહેલ, અર્પિ સોલંકી, કરચ્છ દવે, પરાગ લક્ષ્મ) કાર્ટુનિંગ (ચિદ્ધિ હરસોયા) કોલેજ (પ્રથમ બજર મહેડી (હેન્લી સોલંકી) ઈન્સ્ટ્રોમેન્ટ (વિરાજ પટેલ, પાલ મોરડિયા, મનીષ ધાડુ, હેન્લી સોલંકી) ગ્રેડ મેકિંગ (પરમિલ બટ, ઈશરત જહાં સેખ, પરાગ લક્ષ્મ, અર્પિ સોલંકી, હર્ષ પંડાન, રોનક ભોરણીયા) કાવ્ય પઠન (તુષા નાંદોલા) પ્રથમક્રમ મેળવેલ છે. જ્યારે શોક વાદ્ય સંજીવ (હર્ષ પંડાન, કરચ્છ દવે, કુસાલ રાય, જહાંની દેસાઈ, નિલેશ રાહોડ, તુષા નાંદોલા, કબીર પુચ્છક, વિરાજ પટેલ, વિરવા પટેલ) વક્તવ્ય

ચિદ્ધિ હરસોયા) રંગોળી (પ્રથમ બજર) કુદા - છંદ (સાગર ભાંભણિયા) દ્વિતીય ક્રમ પ્રાપ્ત કર્યો છે. તથા ક્વિઝ (દેવર્ષિ પંચોલી, અર્પિલ પિપલવત, નિલગે બાલિયા)માં ત્રીતીય ક્રમ મેળવ્યો હતો. શાંતિલાલ શાહ ઈજનેરી કોલેજ જનરલ ચેમ્પિયનશિપની સાથે - સાથે નૃત્યકલા અને લલિતકલામાં પણ ચેમ્પિયનશિપ મેળવી છે. ફેલ્ડ હૅન્ડલ કરવા બદલ તમામ ખાતાના વડા અને અધ્યક્ષોએ તમામ વિદ્યાર્થીઓ અને ટીમ મેનેજરોને અભિનંદન આપી બિરદાવ્યા હતા. વિદ્યાર્થીઓ સાથે પ્રો.આનંદ કાશાણી, પ્રો.અરવિંદ મેલીયા, પ્રો.બની વૈષ્ણવ અને પ્રો.અલ્પેશ પંડ્યા ટીમ મેનેજર



## Creative Corner

### કંઈક નવું કરીએ....

ચાલને ચાર, કંઈક નવું કરીએ...  
થોડું યાદ રાખી, બાકી જતું કરીએ.....

આશાનું એક કિરણ બની સકળ  
જગમાં ઉજાસ કરીએ....  
સપનાંઓની પગદંડી પર ચાલી,  
સફળતાનો પ્રવાસ ખેડીએ.....

મહેનત કરી અથાગ, પોતાની પરિભાષા  
બદલીએ...  
જીવનમાં સફળતાના શિખરો પણ થોડા  
ઊંચા કરીએ.....

પરિણામ શ્રેષ્ઠ મળે ન મળે,  
પ્રયત્ન તો શ્રેષ્ઠ કરીએ....  
ચાલને ચાર, કંઈક નવું કરીએ.....

Hiren Chavda, 3rd IT

### Joy of Festivities



Pragna Gajra, 7th Civil

## Messages from Alumni



**Sanjay Malani**

1992 Batch - EC Engg.

**Profession:** Sr. Director Kosmos Energy  
Dallas, TX, USA

My pleasure in connecting with SSECians through this newsletter. It is still very fresh in my memory, the mixed feelings I was having, when I was entering my first year at SSEC. Looking back on the whole experience now, I would like my fellow SSECians to recognize that all of us have to go through successes and failures but what matters most is how you face them. While you enjoy every success, make sure to learn from failures. Apart from taking courses, making friends, and gaining valuable experience at SSEC, remember to cultivate confidence, widen horizon and perspective and equip yourself to face any challenge life might throw at you.



**Niren Bhatt**

2000 Batch - Civil Engg.

**Profession:** Screenwriter and lyricists, written films Bhediya, Bala, Serious Men, Made in China, Ventilator, Wrong Side Raju and Bey Yaar. writer of web series Asur, Ray and Inside edge. writer of the popular TV show, Taarak Mehta Ka Ooltah Chashmah.

He has also written songs for over 30 films as a lyricist.

Hi folks at SSEC. I am the guy who has written THE college song on the first page of this magazine (and more than 30 film albums post that). I studied engineering at SSEC and (in)famously went on to become a screenwriter and lyricist in films. I am absolutely a wrong alumni to inspire students who are looking for the guy who got good grades and now is aspiration-ally placed somewhere in some big company. But I am the one who inspires to break boundaries. What I am because of my years at SSEC. It inspired me to dream big and chart my own path in the world. I wish each one of you best of luck, may you too break set norms and patterns. May you pursue passion, dreams and impossibilities.

And please keep a copy of this message and revisit it someday if I win an Oscar, which I am dreaming and working for!!!

Happy hustling !!



# Committee Members

Principal, Dr. M. G. Bhatt

Prof. A. A. Pandya

Dr. D. N. Vaishnav

# Designed By

Yash Gaurav (IT)

Aman Kumar Singh (Civil)

# We Are Placed Here



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



## **A Winning Streak by Play Team**



**Shantilal Shah Engineering College,  
New Sidsar Campus,  
Post Vartej,  
Sidsar, Bhavnagar  
PIN: 364060,  
Gujarat, India**