



VISHWAKARMA

GOVERNMENT ENGINEERING COLLEGE

CHANDKHEDA, AHMEDABAD



Newsletter

VGECNews

October - December 2022

VISION

- To create an ecosystem for proliferation of socially responsible and technically sound engineers, innovators and entrepreneurs.

MISSION

- To develop state-of-the-art laboratories and well-equipped academic infrastructure.
- To motivate faculty and staff for qualification up-gradation, and enhancement of subject knowledge.
- To promote research, innovation and real life problem solving skills.
- To strengthen linkages with industries, academic and research organizations.
- To reinforce concern for sustainability, natural resource conservation and social responsibility.

VGECNews

Editorial Team

Dr. N. N. Bhuptani (Principal)

Dr. Vaseem Qureshi

Prof. Rozina Surani

Prof. Kamakshi Kaul

Prof. Nirav Mehta

Prof. Ghanshyam Shah

Prof. Om P. Mehta

VGEC ACCOMPLISHMENTS

Civil Engineering Department, Information Technology Department, and Chemical Engineering Department have been re-accredited by the **National Board of Accreditation (NBA)** for the academic years up to June 2025. This accreditation is a result of the continuous and seamless efforts of faculties and students.



Keval A. Thakkar (Instrumentation & Control Engineering Department) won the **Gold Medal** and became **National Champion in Power Lifting Competition** in the 75 Kg category, held at Noida, organized by World Power Lifting Congress.

Three students of VGEC grab the opportunity to study their entire Semester 6 (Jan-2023 to July-2023) at the prestigious institute, **Indian Institute of Technology, Gandhinagar** under the GTU External Student Program.

- **Udit Gupta & Suresh Suthar (Electrical Engineering Department)**
- **Yashil Kanani (Chemical Engineering Department)**

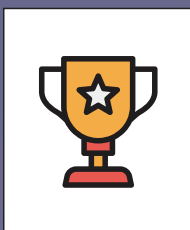


Prof. H. D. Mehta (Professor, **Electrical Engineering Department**) completed a 12-week NPTEL course on "The Joy of Computing Using Python" with a gold medal and stood in the top 5% category.

Miss Tanisqa Bansal, (Computer Engineering Department, Sem-3) joined the 4th edition of the "Women Engineering" program offered by **talent sprint (NSE)** and sponsored by **Google** with a 100 % scholarship. As part of the program, she has recently completed technical boot camp from 17th to 29th December 2022 at IIIT, Hyderabad campus.



Patel Tirth, Pruthvi Gediya, Deep Suthar, Janvi Devmurari, Darshna Pokal, and Dhruv Prajapati under the guidance of **Prof.(Dr.) Kiran Trivedi (Electronics and Communication Department)** won the 2nd prize and Rs. 3000/- (cash) in IDEATHON 2022 held by COGNIAN INCUBATION AND RESEARCH CENTER - SAL under SSIP 2.0 & IIC 5.0. It submitted an innovative work of Metaverse for the Adalaj heritage site Amurtloka.



Mihir Someshwara, Vaishnavi Barot, Dharmit Shah, Bhavika Balasra, Abhi Shah, DitiSoni under the guidance of **Prof. Jashvant R. Dave (Information Technology Department)** have won the 3rd prize and Rs. 1500/- (cash) in IDEATHON 2022 held by COGNIAN INCUBATION AND RESEARCH CENTER - SAL under SSIP 2.0 & IIC 5.0 for their project named **YatriSahay**-guidance application for tourists.

Dr. Kunal T. Shukla (Assistant Professor, Science & Humanities Department) received the "Outstanding Mathematics Teacher Award – Engineering College" from the Gujarat University Department of Mathematics Alumni Association.



Dr. Dolly R. Gandhi (Chemical Engineering Department) completed her Ph.D. on the 'Synthesis of zeolite Y using novel material and method for catalytic application.' under the guidance of Dr. Bhavna Soni & Dr. Rajib Bandyopadhyay from Gujarat Technological University.

Dr. Vinodrai D. Thumar (Computer Engineering Department) completed his Ph.D. on the 'Design and Implementation of a Framework to Preserve Privacy of User's Multimedia Data in Mobile Cloud Computing.' under the guidance of Dr. Saurabh Shah from C.U. Shah University.



Dr. J. V. Adeshara

*Computer Engineering
Department*

His research paper titled **'Performance of a Hydromagnetic Squeeze Film on a rough circular step bearing: A comparison of different porous structures'** is published in *Acta Polytechnica* 62(4):409–417, 2022. doi.org/10.14311/AP.2022.62.04.

Dr. U. G. Chauhan

*Computer Engineering
Department*

His research paper titled **Coverless Information Hiding: A Review** is published In *Proceedings of the International Conference on Computational Intelligence 2022* (pp. 109-135), Springer, Singapore. DOI: 10.1007/978-981-19-2126-1_9

Prof. D. R. Dobariya

Electrical Engineering Department

His research paper titled **'Comparison and Design Verification of Square and Circular Power Pad of Wireless Power Transfer for Hybrid Electric Vehicle'** is published in the *International Journal of Information Technology and Electrical Engineering*. ISSN:2306-708X, October 2022.

Prof. Sonalben B. Prajapati

*Chemical Engineering
Department*

Her research paper titled **'The effect of cotton stalk concentration on morphology and fixing bromine content in char while on co-pyrolysis with non-metal fractions of PCB'** is published in the journal *Biomass Conversion and Biorefinery* on 1st November 2022. DOI: <https://doi.org/10.1007/s13399-022-03515-9>. ISSN number 2190-6823.

Prof. Dipak C. Patel

Information Technology

His research paper titled **'A Cross-Domain Semantic Similarity Measure and Multi-Source Domain Adaptation in Sentiment Analysis'** is published in the *International Conference on Augmented Intelligence and Sustainable Systems (ICAISS-2022)*, ISBN: 978-1-6654-8961-4, Nov 2022.

Dr. K. L. Timani

Applied Mechanic Department

His research paper titled **'Influence of cohesion on California bearing ratio of clay-gravel mixtures'** is published in the *International Journal of Sediment Research*. <https://doi.org/10.1016/j.ijsrc.2022.12.005> (Elsevier Publication).

Ankit Baria,

Miraj Patel,

Prof. Suchen B. Thakore &

Prof. Zohar Z. Painter

*Chemical Engineering
Department*

Presented a research paper on **'CAD of Reactor of DCDA converter'** at Chemcon-2022, an event under Indian Chemical Engineering Congress and American Institute of Chemical Engineers by Harcourt Butler Technical University, Kanpur on 27th -30th December 2022.

Milan Patel,

Yashil Kanani,

Chirag Parmar

*Chemical Engineering
Department*

Presented a research paper on **'Novel Green Synthesis of Spinel Catalyst and Studies of Its Photocatalytic Activity for Degradation of Reactive Blue 21 Dye Under Visible Light'** at the National Conference on "Advanced Research Techniques in Chemical Engineering (ARTCHEM-2022)" organized by Shree Dhansukhlal Thakordas (Colourtex) Department of Chemical Engineering, SCET, Sarvajanik University, Surat, Gujarat.

ACADEMIC COLLABORATION

Prof. Manmitsinh Zala

Information Technology Department

Translated a book named 'Programming for Problem-Solving' in the Gujarati Language with Khanna Publication in the AICTE book translation program (NEP 2020).

Dr. Kunal T. Shukla

Science & Humanities Department

Delivered an expert talk on 'Algebra in Decision Making' in a one-day seminar on Mathematical Modelling and Applications of Mathematics in Engineering-2022 (MMAME-2022) at Gandhinagar University on 1st October 2022.

Dr. Femina J Patel

Chemical Engineering Department

She was invited as a Jury member during CHEMERGENCE 2022 organized by the Chemical Engineering Student Association (ChESA), Indian Institute of Chemical Engineers (IICChE), UG Student Research Cell Nirma University, Ahmedabad in November 2022.

Dr. Vaseemahmed G. Qureshi

Science & Humanities Department

Delivered three online sessions on Modal Auxiliaries, Prepositions, and Nouns/Pronouns were conducted for TAT-TET exam aspirants during a training program held by A G Teachers' College, Ahmedabad in December 2022.

SOCIAL CONNECT

The **NCC Orientation Program** was conducted in September 2022, to brief about the benefits and purpose of joining NCC to newly admitted students. The program also motivated students to join NCC and to build a career in Defense Service.



The "**Ek Bharat - Shreshtha Bharat**" (EBSB) Camp was organized from 28th September to 9th October in Ranibaugh, Uttarakhand. **VGEC NCC Cadets** also took part in it. It planned activities and competitions which helped cadets learn culture, tradition, language, and arts from other participants. skills. Trekking and sightseeing were the best part of the camp.

25 **NCC Cadets** from VGEC participated in the **36th National Games** held in Gujarat, as volunteers. They volunteered in managing scoreboards, help players by giving them essential things, and check entry passes.

To reach out to the poor for their Diwali celebrations, **NSS VGEC** organized the **JOY OF GIVING** event.

This event included three stages namely, Collection, Segregation, and Distribution. In the collection stage, NSS volunteers collected useful items from nearby societies and segregated them into different categories like clothes for males, females &



children, stationery & toys to make distribution easy. At last, in the distribution stage, the collected items were distributed among the needy. Around 5000 items were collected and distributed.

It was to bring smiles to the faces of those poor people so that they could celebrate this Diwali with their family and friends.

DEF Expo held in Ahmedabad provided an opportunity for **NCC**

Cadets to interact with CDS Lt. General Anil Chauhan, ADG Maj. Gen. Arvind Kapoor and other officers and cadets. Our cadets got a chance to observe and study many advanced weapons.

The birth anniversary of Bhagawan Birsa Munda is celebrated as **Janajatiya Gaurav Diwas** on 15th November. To celebrate this, a cultural event was conducted to enlighten students on the legacy of a tribal leader like, Bhagawan Birsa Munda, and other unsung heroes of Janajati communities of our country. More than 150 students took part in it. **Harsh Visavadiya (Computer Department, Sem-3)** shared information about Janajatiya Gaurav Diwas and Bhagawan Birsa Munda.



Women Development Cell organized an awareness seminar on **"She Knows Money-Getting Confidence with Financial Matters"** on 25th November 2022. Mr. Piyush Patel, [M.E. (Civil Engg), A.M.I.E, Proprietor of Prushti Investment] was the expert for the session. Around 90 girl students and 15 female faculty members participated. The program was aimed to aware female students of the importance and benefits of financial goals/planning at an early age. The other objective was to aware the participants about taxation rules and various government saving schemes / insurance policies/schemes, tax exemption benefits of home loans/educational loans, benefits of investing in Mutual Fund SIP, etc.



The Indian constitution was adopted on 26th November 1949. To commemorate the Indian constitution day, **NSS VGEC** organized a **quiz competition** on the importance of the Indian constitution. The aim of this quiz competition was to spread awareness among the students about the Indian constitution. Active participation was recorded from the students of various departments. Nearly 300 students attempted the quiz.

Mahatma Gandhi truly said, "Cleanliness is next to Godliness". To spread awareness in society regarding the importance of sanitation, **NSS VGEC** organized a **Slogan Writing Competition** on the same theme. 30 students participated in it.

In accordance with Indian traditions and culture, to celebrate the auspicious ceremony of Navratri, the **Gymkhana - Cultural Unit** organized a **Garba Evening**. All the faculties and students gathered in chorus in front of the idol of Goddess Navdurga and



offered their prayers. The head of the institute Dr. Nilay Bhuptani offered his prayers by lighting the lamp followed by the faculties and students. Around 1500 students took part in the event. It was a colorful event with teachers joining the students enthusiastically in their dance.

In this developing world, sanitation is a topic of concern. Good sanitation leads to improved health conditions, low health expenses, and many more social and economic benefits. Yet there is a need to educate the youths about sanitation as it is lacking in many parts of our country. So, keeping this in mind, **NSS VGEC** performed a drama on "Importance of Sanitation" to make the youths aware of sanitation.

With the aim to spread awareness in society regarding the importance of girl child's education and women empowerment, **NSS VGEC** organized a drama on "**Women Empowerment**". The drama showed how women empowerment could lead to the development of the world and how women's education could change the world.

With the aim to spread awareness among students about the importance of yoga and to motivate them to make yoga a part of their daily lives, **NSS VGEC** organized a yoga session with the theme "**Yoga for Wellbeing**". Around 50 students attended this session and performed various Asanas and also learnt about their health benefits.



With the aim to create a dumping yard-free society, **NSS VGEC** organized a workshop on the **Art of Composting**. Through this workshop, students learned to convert their daily kitchen waste into black gold i.e., compost. Around 35 students attended this workshop and learned how to manage waste at source.

In this hectic modern lifestyle, we sometimes forget about our mental health. In response to issues related to mental health,

NSS VGEC organized an expert session on Anxiety, Depression, and Mental health by Dr. Nilay M. Patel. He talked about various issues which impact negatively on long-term mental health. He also provided techniques to deal with these issues and solve them. He also shared some ideas on how to stay calm in the most difficult situations and be patient. Around



60 students attended this session.

JCO/NCO visited VGEC to interact with newly enrolled **NCC Cadets** and to examine documents. **JCO/NCO** briefed cadets about NCC, how the organization works, and who the main pillars of this organization are, and also discussed the future activities in the coming years.



STUDENT CHAPTERS

IEEE Day Celebration 2022 was conducted by IEEE VGEC Student Branch on 4th October 2022 in which 100+ student members participated. The celebration comprises of Get Together of the IEEE family at Block Auditorium, Technical Quiz Competition at E-block, and later Treasure Hunt on the campus. Students were awarded YOUTUBE and Amazon Prime Premium Vouchers with a validity of 3 months. The event went well and the students all had a great time.



VGEC-SSIP Cell celebrated **Student Startup Research and Innovation Festival** by organizing an **Awareness Program on SSIP 2.0** and an **Expert Lecture** on "Journey as

An Entrepreneur" on 10th October 2022 from 11 AM to 1 PM at Visvesvaraya Hall, A Block Auditorium. Mr. Vikas Agarwal, CEO & Founder of Growexx, was invited as the distinguished speaker for the session. Student



Entrepreneurs of VGEC and other students who participated and won in Hackathons - 2022 were felicitated during the event. The event was attended by 235 participants. Dr. Kiran Trivedi, Prof. Dilip Dobariya, and Prof. Swapna Shah coordinated the event.

Instrumentation and Control department organized an **industrial visit** for 7th-semester students and ISA members, under the banner of the **ISA Student Chapter**, on 12th October 2022 to GEB, Gandhinagar. The agenda



of this Industrial visit was to make students understand the applications of engineering principles and measurement studied in the curriculum in a real-time situation in the industry.

This visit reduced the gap between academia and industry. The visit also bridges the curriculum gap. Under the guidance of **Prof. M. D. Khediya** and **Prof. Kamakshi V. Kaul**, 27 students got benefitted from this industrial visit under **ISA Student Chapter**.

IEEE VGEC Student Branch conducted an **Industrial Visit** of the Thermal Power Station Gandhinagar on 19th of October 2022. 27 students visited the site. Hetanshi Acharya and Naisargi Sharma coordinated the event under the guidance of **Prof. Pulin J. Purohit** and **Prof. Hitendrasinh B. Vaghela**. The main objective behind the visit was to make the students familiar with real-life professional experience and to make them aware of the working process in the industrial areas of their field.

2 Sessions of **Mission English-** a student-driven initiative under **Dr. Vaseemahmed G Qureshi** (Assistant Professor, **Science & Humanities Department**) were conducted on 16th and 23rd November 2022.



Orientation Program 2023 was conducted by **IEEE VGEC Student Branch** on the 29th of November, 2022 in the auditorium, A – Block in order to state its benefits and uniqueness



among the students. 152 students participated in this event. **Bhumi Shah** and **Param Vora** coordinated the event. This program illustrated and introduced what IEEE is on an international level. Benefits of taking its membership and getting to know the various roles and immense culture offered by this club.

Institution Innovation Cell (IIC) organized an **Expert Lecture** on "My Success Story - Motivational



Session" on 30th December 2022 at Visvesvaraya Hall, A Block Auditorium. VGEC alumnus **Kush Prajapati**, CEO & Founder of Redicine Medsol Pvt Ltd, and **Dhaumil Parmar**, Co-Founder of Redicine Medsol Pvt Ltd, were invited as the speakers for the session who shared their experiences of their college journey and startup. The event was attended by 60+ participants. **Prof. Divyesh Vaghela** coordinated the event.



COLLEGE EVENTS / ACTIVITIES

An **Elocution Competition** was organized by **Chemical Engineering Department** under **IICHe Student Chapter**. **Dr. Ujvala Christian** coordinated the event. This competition was conducted as a part of the **National Engineer's Day**



celebration. A total of 12 students participated in this elocution competition. **Machot Chol Makuei Makuer** and **Raval Rishabh** were declared winners by the evaluation panel.

Information Technology Department organized **TechXIT 2022** (a TechFest) to develop various soft technical skills. This was organized with the help of **IE(I) VGEChapter**. 130+ students participated in this department-level techfest. **TechXIT2022** included various



events like Coding Competition, WebDev Competition, Quizzes etc. Winners got prize money worth Rs 6000/- for various competitions.

Electrical Engineering Department under **IEI Students' Chapter** organized an **Expert Lecture** on "Introduction to Machine Learning Using Arduino" on 1st October'2022 with an aim of making students understand machine learning using Arduino. The expert lecture was delivered



by **Dr. Kiran Trivedi**, Professor, Electronics and Communication Department, VGEC. The event was coordinated by **Prof. J A Prajapati**. A total of 21 students benefited from this session.

Information Technology Department organized an **Expert Talk** on "Practical Approach to Convolution Neural



Network (CNN)" by **Prof. Rashmi M Bhattad** (faculty, MMCOE, Pune) who is an expert in various technologies including Machine Learning and Deep Learning. Around 65 students from the 7th & 5th Semester, got benefited from the event. The objectives of the event were to introduce students to the Convolution Neural Network and to get the students familiar with Deep Learning.

One Day Workshop on "Building Information and Modeling" was





organized by **Civil Engineering Department** and **Applied Mechanics Department** which was conducted by Mr. Deepak Singhal (CADD Centre, Ahmedabad) and coordinated by Prof. P. B. Mistry and Prof. A. N. Dave. This Workshop mainly focused on learning the software Auto CAD and Revit Structures for the planning, analysis, and design of different 1D, 2D & 3D structures. 78 students remained present.

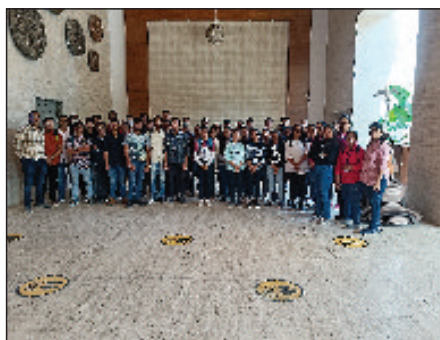
An Expert Talk on "Mendeley Reference Manager" by **Prof. Mohmad Ishak Sheikh** (Assistant Professor, **Electrical Engineering Department**, Government Engineering College, Dahod) was organized by **Chemical Engineering Department** in which 180 students participated. **Prof. Dolly R Gandhi** and **Prof. Shuchen B Thakore** coordinated the event.

An Expert Talk on "Energy Conservation Opportunities in Compressor" by **Mr. Raju Shah** (Chief Consultant, Escon Tech)

was organized by **Chemical Engineering Department** on 28th November 2022 under the coordination of **Dr. Parin Shah** with an aim to create awareness among the students about compressed air system, air filters and various effects of the system and to learn various steps to improve the efficiency of the compressor. 39 students participated in the event.

The **Computer Engineering Department** organized a **Session** on "Trekking as a Life Skill" on 28th November 2022. The session was conducted by Mr. Prashant Shah, Secretary, YHAI - Ellisbridge Unit. The session was attended by approximately 100 students.

The **Civil Engineering Department** organized an **Industrial Visit** for 3rd-semester students to IGBC Certified Green Building, Shapath-V(Ahmedabad)



on 31st December 2022. Prof. N. P. Singh, Prof. K. M. Parmar & Prof. U. R. Singh accompanied the students to the site.

The **Instrumentation and Control Department** organized two **Student Support and Mentoring System Meetings** in a semester for all-year students



of the department. In this meeting, academic and non-academic issues as well as personal issues of the students were addressed. Students were first asked to submit the details of the problems and issues they are facing in college and the department through Google Form link. The Department Coordinator based on these issues discussed the same with the students in the meeting. This practice has been in place in the department since June 2019.

FACULTY DEVELOPMENT

Prof. N. R. Dave
Prof. U. G. Chauhan
Prof. A. H. Rathod
Computer Engineering Department

Successfully completed NPTEL Online Certification for the course "Demystifying Networking" coordinated by IIT Madras.

Prof. Karan P. Bhatt
Computer Engineering Department

Successfully completed NPTEL Online Certification for the course "Design, Technology, and Innovation" coordinated by IIT Madras, on 12th October 2022.

Prof. K.R. Raval
Prof. J. J. Jadav
Prof. A.N. Dave
Prof. V. D. Thumar
Prof. B.N. Patel
Computer Engineering Department

Successfully completed NPTEL Online Certification for the course "Introduction to Machine Learning" coordinated by IIT Kharagpur, on 18th October 2022.

Prof. S. S. Sheth
Electronics and Communication Department

Successfully completed the MOOC course on "Hardware modeling using Verilog" conducted by NPTEL, IIT Kharagpur with a consolidated score of 86% and awarded a silver badge.

Dr. Alpesh Dafda
Electronics and Communication Department

Participated in STTP, 'MATLAB for all', at NITTTR Bhopal, from 19th to 23rd December 2022.

Prof. Ketan N. Patel
Electronics and Communication Department

Successfully completed the MOOC course on "Introduction to Industry 4.0 and Industrial Internet of Things" conducted by NPTEL, IIT Madras with a consolidated score of 78% and awarded a Topper Top 5% and silver badge.

Prof. Jashvant R Dave
Information Technology Department

Successfully completed the 12-week MOOC course on "Programming in Modern C++" conducted by NPTEL, IIT Kharagpur with a consolidated score of 77%.

Prof. Bhagyesh Contractor
Civil Engineering Department

Successfully completed a 12-week online NPTEL MOOC Course on "Availability and Management of Ground Water Resources" organized by IIT, Kharagpur

Participated one-week short-term training program on "MATLAB for all" at NITTTR, Bhopal from 19th to 23rd December 2022.

Prof. Digant S. Mehta
Mechanical Engineering Department

Completed 12 weeks (July - Oct. 2022) MOOC course of "Fundamentals of Convective Heat Transfer" organized by NPTEL IIT Guwahati. He is one of the 16 candidates who were eligible to get course completion certificates.

Prof. S S Patel
Mechanical Engineering Department

Completed a one-week short-term training program on "Document Preparation on Latex" at NITTTR, Bhopal from 19/12/2022 to 23/12/2022.

Prof. J M Joshi
Mechanical Engineering Department

Completed a one-week short-term training program on "Research Methodology and Data Analytics" at NITTTR, Bhopal from 26/12/2022 to 30/12/2022.

Prof. M. V. Patel
Prof. S. N. Shah
Prof. M. D. Khediya
Instrumentation and Control Department

Completed a 12-week faculty Development Program on "Soft Skills" from July to October 2022.

Prof. Shailesh A. Trivedi
Civil Engineering Department

Authored a Gujarati book titled 'Kabir Vachan Vistar' published by Navbharat Sahitya Mandir, Ahmedabad in October 2022.

STUDENT ACHIEVEMENT

Aarushi Anand Shah (Civil Engineering Department) authored a book **VOLNA** (ISBN 978-93-94341-03-06) published by Sanam Writers Community and Publication.

Harsh Dave (Electrical Engineering Department) successfully completed the NPTEL course on "Technologies for clean and renewable energy production" by IIT Roorkee.

Shah Harsh, Akshar Prajapati, and Vidhi Panchal (Civil Engineering Department) have secured 2nd rank in the "BRIDGE THE GAP" event under GTU Techfest 2022 conducted at GPERI.



Akshar Chauhan, Deep Vaidya, Lual Mayen Gai, Srey Chaudhary (Civil Engineering Department) secured 2nd rank in GTU Interzonal Football Match.



Henil Gupta (Computer Engineering Department) secured 1st rank in "Cyberleague-the Ultimate Gaming Knockdown Tournament" organized by Silver Oak IEEE Student Branch.

Krishna Trivedi (Electronics and Instrumentation Department) participated in Institute Level Sports Chess and Badminton Competition under VISHWACUP – 2022

Akshar Chauhan, Deep Vaidya, Lual Mayen Gai, Srey Chaudhary, Jainil Nayak, and Karan Rathod, members of the boy's football team from the **Civil Engineering Department** secured 1st rank in VISHWACUP 2022.

Jenish Desai, Niramay Patel, Kevin Patel, Mihir Patel, Ankit Vegad, Dharmik Patel, Suryadeep Singh Rana, Vraj Patel, Om Patel, Sarthak Shetty, Jeet Prajapati, Raahil Shah, and Harsh Patel, members of Cricket team, from **Instrumentation and Control Department** won Cricket Tournament, organized under VISHWACUP 2022.

Chidanshee Surani (Computer Engineering Department) won the 100m and 200m, and **Hetvi Shah (Civil Engineering Department)** won the 400m race in an Athletics competition organized under VISHWACUP – 2022

Dhruvi Patel, Bansari Kaswala, Preeti Patel, and Hetvi Shah won the 100m relay race in Athletics, organized under VISHWACUP –2022

Anand Sharma (Information Technology) won the 100m, **Dipak Chaudhary (Civil Engineering Department)** won the 200m, **Harshit Patidar, Anand Sharma, Panil Parikh, and Aakash Damir** won the

100m relay and **Dipka Chaudhary (Civil Engineering Department)** won 400m in Athletics, organized under VISHWACUP –2022.

Simran (Power Electronics) and Pankil Parmar (Electronics and Communication) won Badminton Singles; **Simran (Power Electronics)** along with **Sanjivani (Instrumentation and Control)** and **Pankil Parmar (Electronics and Communication)** and **Deepesh Chaturvedi (Electronics and Communication)** won Badminton Doubles; **Pankil Parmar (Electronics and Communication)** and **Simran (Power Electronics)** won Badminton Mixed Doubles tournament organized under VishwaCup-2022

Piyush Bali (Computer Engineering Department) won the carom tournament organized under VISHWACUP – 2022.

Krunal Solanki (Computer Engineering Department) won the Chess tournament organized under VISHWACUP – 2022.

Power Electronics team won the Kabaddi tournament organized under VISHWACUP –2022

Hitarth Rajpara won Table Tennis Singles and a team of **Pankil Parmar (Electronics and Communication)** and **Devam Parmar (Electronics and Communication)** won the Table Tennis Doubles tournament, organized under VISHWACUP – 2022

A **Computer Engineering Department** team under the leadership of **Pulkit** won a Volleyball tournament organized under VISHWACUP -2022.

Nandish Bhatt (Information Technology Department) won Clash Royale and a team of **Harnish Dhobi (Electronics and Communication)** and **Devansh Basera (Electronics and Communication)** won Quiz under Fun Games Category organized under VISHWACUP - 2022

Electronics and Communication Engineering Department won VISHWACUP-2022 (winning the maximum tournament).



The following teams from **Computer Engineering Department** have been selected for the final round of the **Azadi Ka Amrit Mahotsav Hackathon 2022**. Team 1: **Karansinh Zala, Dhruvin Kapadiya, Ishit Desai** Team 2: **Dhruvang Jariwala, Varun Thummar, Siddharth Movaliya, Sanket Singadiya, Yash Rana, Brinda Joshi, Meet Kanani** Team 3: **Chatrola Mit, Gautam Patel, Umar Badi, Rohan Kabariya, Dilip Bharvadiya, Yash Soni, Raj Kushwaha, Arman Navodia**

The following team from **Electronics & Communication Department** has been selected for the final round of **Azadi Ka Amrit Mahotsav Hackathon 2022**. Their project "Hard Copy

Files tracking" was mentored by Prof Shreeji Sheth. Team: **Patani Kirankumar, Belani Vandit, Sheth Prisha, Karn Shruti Sivani**

The following teams from **Instrumentation & Control Engineering Department** have been selected for the final round of **Azadi Ka Amrit Mahotsav Hackathon 2022**. Team 1: **Juhee Gadee, Nivedita Kothari, Mukund Rami, Naishadh Khalasi, Akshat Falke, Smit Patel** Team 2: **Pratham Padhiyar, Aayush Shah, Manav Vyas, Tan Patel, Rudraksh Patel, Sahil Panchal, Parikshitkumar Rana** Team 3: **Shivam Verma, Shubham Prajapati and Nikunj Sharma**

Chaudhary Dipakkumar Premajibhai (Civil Engineering Department) has been selected for AIU National Game for Cross Country Tournament (10km).

Shivani (Electronics & Communication Department) has been selected for the Karyashala Workshop at IIT Gandhinagar.

Parth Vora (Electronics & Communication Department) secured 3rd Rank in National Level Python Quiz Contest.

NCC VGEC cadets **Hadiyal Dhruv** and **Shrushti Bhatiya (Electrical Engineering Department)** were selected for THAL SAINIK CAMP- Inter Group Competition.

Keval A Takker (Instrumentation & Control Engineering Department) won a **gold medal** and became State Champion in Gujarat State Power Lifting Competition in the 83 Kg category of Junior Unequipped class, held at Ahmedabad,

organized by Powerlifting Sports Association (Gujarat).

Raj Mahadevwala (Information Technology) won Fin Hacks 2 Hackathon for Best Use of Mongo DB Atlas.

Raj Mahadevwala (Information Technology) won Hack-On-Chain Hackathon for the project Hack for Society.

Shubham Dusane, Ankit Verma, Ankit Chotaliya, Jap Hirpara, Shruti Jagtap, and Denis Shingala (Information Technology) won the third prize and cash prize of \$100 for a project named AUTSILEARN (web app and mobile app that provides visual learning for children who have autism) by VOSAP's International Assistive Technology Hackathon held at L.D. College of Engineering.

NSS-VGEC volunteer **Priyanka Nakum** (5th sem electrical department) successfully got selected and attended NSS Pre-RD camp which was organised at S.P. University, Anand from 20/09/2022 to 29/09/2022.

NSS-VGEC volunteer **Krupa Jani** (5th sem Electrical) successfully got selected and attended a basic Rock climbing course held at S.V.IM Mount-Abu which was organised from 15/11/2022 to 25/11/2022.

ALUMNI CORNER

Krupa Galiya (Alumnus, Information Technology Department-2020) **Data Scientist at PatternAI**, super excited to share, I am a part of the 2023 KaggleX-BIPOC mentorship program as a Mentor. Where I am mentoring a Data Science student from the Kaggle platform, which is the largest Data Science Community. This program aims to increase representation, create career opportunities, and develop individual growth for BIPOC (Black, Indigenous, People of Color) people in the data science industry. Recently I had the pleasure of delivering a session at Google Developers Group Ahmedabad. It was an amazing experience for me to share my Data Science journey with a lovely audience. I am really thankful to the VGEC-IT faculty for helping to dig deeper into Machine Learning and supported in the work I was doing in Machine learning. I feel proud to be a vgecian!



Nirav Bagthariya (Alumnus, Instrumentation & Control Engineering Department, 2015) is associated as Drives & Automation Expert - PAN India for Industrial Machinery at Elecon Engineering Ltd from August 2022.



CREATIVE CORNER

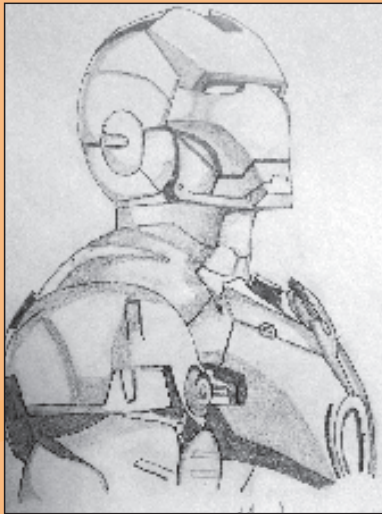
Mangaliya Manish
5th sem Electrical



Aditi Ajudia
3rd Sem Computer



Yash Shah 1st Sem civil



Nayak Krisha 1st sem Civil



Yash Shah 1st Sem civil



Feeling through nights
Like I died
Into dark paradise
Out of luck and love
Feeling invincible
Throughout my ups and downs
Drowning into poisonous ivy
With the Smoke, we rise
Leaving the body behind
Soul touches the highs
With those eyes red
Jump in for a ride and ride and ride
Wanna see life afterlife
Make me crave a dead bed
Like just Wanna die and die and die
To see life afterlife
Fire into veins
Candles burning with high flames
Evil thoughts, restless mind
With the Heavy breathes,
Hoping to die
Like immortality is bliss
Memories buried beneath the dust
With the dancing shadows in a blank space
All those demons run crashing in
Just living with fucking wins
With those eyes red
Jump in for a ride and ride and ride
Wanna see life afterlife
Make me crave a dead bed
Like just Wanna die and die and die
To see life afterlife

Moksha Shah
7th Sem Instrumentation and Control

TRAINING & PLACEMENT ACTIVITIES

Event details: As a part of the Employability Skills Enhancement Program, a five-day soft skills enhancement program was conducted by Training & Placement Cell, VGEC CHANDKHEDA during 18-23 November 2022. The speakers were Mr. Maulik Shah and Ms. Sudha Shah. A total of 50 students participated in this program.



Event Details: Newen Systems Pvt Ltd visited VGEC, Chandkheda in the month of November 2022 for the placement of Electrical, Power Electronics, and Mechanical Engineering students. Group photo with the company representatives, TPO Dr. M K Shah, and faculty coordinators.



Hitachi Hi-Rel Power Electronics Private Limited visited VGEC, Chandkheda in the month of November 2022 for the placement of IC, EE, and Power Electronics students. Picture of pre-placement talk conducted by the company.



PLACEMENT UPDATES (OCT-DEC 2022)

Arvind Limited

(EE-1, Mech-1)

Pressure Jet Private Limited

(Mech-4)

Softnautics

(EC-1)

Alpha-Numero Technology Solutions

(EC-1)

Mantra Softech (India) Pvt. Ltd.

(EC-1)

Softweb Solutions Inc.

(IT-1)

Radixweb

(IT-2)

Torrent power AMGEN

(EE-4)

Staunchsys Ltd

(CE-1)

AmnexInfotechnologies Pvt. Ltd

(CE-2, EC-5)

Akhila Labs Pvt. Ltd.

(EC-3)

Larson & Tubro

(EC-2, EE-3, IC-2, Chem-1, Mech-8, Civil-7)

Hitachi Hi-Rel Power

(EE-4, IC-2, PE-1)

Newen System

(EE-2, PE-1, Mech-2)

Adani Pvt Ltd

(EC-5, EE-12, IC-2, Chem-5, Mech-2, Civil-5)

Prism Johnson

(Civil-2)

Reliance Industries Ltd

(Chem-6)

Mindra Green Energy LLP

(EE-2, PE-1)

Mantra Softech (India) Pvt. Ltd.

(CE-4)

Apara Analytics

(Chem-2)

Fives Combustion Pvt. Ltd.

(Chem-2, Mech-2)

Marudhar Industries

(Mech-5)

Polycab Ltd

(EE-3)

From the 2023 pass-out batch, more than 300 students are placed and many more companies are going to visit our campus in the coming 8th semester, this placement season we are crossing a milestone!

VGECNews

October - December 2022

Our Major Recruiters



VISHWAKARMA
GOVERNMENT ENGINEERING COLLEGE

CHANDKHEDA, AHMEDABAD



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