



VISHWAKARMA

GOVERNMENT ENGINEERING COLLEGE

CHANDKHEDA, AHMEDABAD

The winners of INDIA VIBRANT HACKATHON 2023



VGECNews

Newsletter Oct-Dec 2023

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.

VGECNNews

CONTENTS

01 | ACCOMPLISHMENTS

02 | HACKATHON ACHIEVERS

03 | RESEARCH & INNOVATION

04 | STUDENT CHAPTERS

05 | COLLEGE EVENTS

06 | FACULTY DEVELOPMENT

07 | STUDENT ACHIEVEMENTS

08 | ALUMNI CORNER

09 | T & P ACTIVITIES

EDITORIAL TEAM

Dr. N. N. Bhuptani (Principal)

Dr. Vaseem Qureshi

Prof. Rozina Surani

DESIGNING TEAM

Aditi Ajudia (CE)

Abhi Patel (CE)

Parth Parkhiya (CE)

Honey Patibandha (CE)

Mukund Rami (IC)

Khwaishi Thakore(CE)

Karansinh Rathod (Civil)

Gold Medalist GTU Branch Topper



Athira Saji
CPI:9.38
Chemical Engineering
(ME)



Tiwari Vedant
CPI:8.5
Power Electronics
(BE)



Pratiksha Goswami
CPI:9.47
EC (Signal Processing and
VLSI Technology) (ME)



Dr. Sonal Prajapati (Chemical Engineering Department) has secured funding for her project, titled "Green Synergy: Co-Pyrolysis of WEEE Waste and Biomass for Sustainable Fuel Oil Production" from the Gujarat Environment Management Institute (GEMI) as part of Mission LiFE with a sanctioned amount of Rs. 4,92,000.

Dr. Alpesh Dafda (Information and Communication Technology Department) was awarded with Certificate of Appreciation for valuable contribution and support towards "Prajatantra 2023: National Youth Festival" by the National Institute of Urban Affairs.



Dr. Milap Nayak, (Chemical Engineering Department) secured the top position with an impressive overall score of 96% in the MOOC NPTEL course on "Aspen plus Simulation Software- A Basic Course for Beginners".



A MINOR DEGREE COURSE IN ELECTRICAL VEHICLES



To expand the domain knowledge and to increase the employability of undergraduate students, keeping in mind the recent trends in engineering and technology, the Electrical Engineering Department has started a Minor Degree Course in Electrical Vehicles in the year 2023.

Electrical Vehicles have been the need of the time, looking at the limitations of fossil fuels and their harmful effects on the atmosphere due to vehicles powered by conventional fuels. The advancement in the fields of Power Electronics and Electrical machines played an important role in making highly efficient electric vehicles having low pollution and better fuel economy.

It is a 20-credit course, including the theory and laboratory sessions. It consists of various courses such as Fundamentals of Electrical Vehicles (Sem IV), Power Electronics for Electrical Vehicles (Sem V), Data Communication and Embedded Systems in Electric Vehicles (Sem VI), Testing and Certification of Electrical and Hybrid Vehicles (Sem VI), and Vehicle Dynamics (Sem VII).

Students from various disciplines can opt out of this minor degree course, they can enhance their knowledge in the areas of EV, receive a minor degree in EV in addition to their regular B.E. degree, and become industry-ready engineers!

ACADEMIC COLLABORATION

Dr Vaseem G Qureshi

(Science and Humanities Department)

Conducted 3 sessions on 'Communicate with Confidence' and 'Write in a Right Way' for 60+ teachers of Divyapath School, Naranpura, Ahmedabad as a part of the Workshop for Teachers.

Dr. Hiren Mehta

(Electrical Engineering Department)

Delivered an expert lecture on "Application of Genetic Algorithms for Optimization" in an FDP organised by LDCE on 29th Nov 2023.

Dr. Dolly R Gandhi,

Prof. Zoher Z Painter

(Chemical Engineering Department)

Appointed as a Jury member by CTE, Gujarat, for New India Vibrant Hackathon 2023, held at PDEU Gandhinagar, Dated 26th November 2023.

HACKATHON ACHIEVERS



Proud Moment for VGEC :

8 teams secured winning positions in New India Vibrant Hackathon 2023 held on 25th Nov, 2023, at PDEU, Gandhinagar



Humidity Controller

Sumara Saad from **Electrical Engineering Department** secured the **First Prize** (with a coveted cash prize of **Rs. 2,00,000 Lakh**) in the **Energy Sector** in the "New India Vibrant Hackathon 2023" as part of SSIP 2.0. A thermoelectric dehumidifier is an innovative and sustainable technology designed to effectively remove excess moisture from the air while harnessing waste heat as an energy source. This compact and eco-friendly device employs the thermoelectric effect to achieve dehumidification, offering a promising alternative to traditional moisture control methods. **Prof Divyesh J Vaghela** (Electrical Engineering Department) mentored him for this Hackathon.



Yaxraj Dabhi, Manvar Ruchi, Sanepara Bhautik, Jahnvi Gajera, Vaghela Vandna, Darshan Waghela, Rishwa Patel, Siddiqui Md Zaid Rashid Raza of **Information Technology Department**, under the mentorship of **Prof Manmitsinh Zala** won **2nd prize** worth **Rs. 1,00,000** Lakh in the digitalization sector at the New India Vibrant Hackathon 2023 organized by Education Department, Govt of Gujarat, to establish transparency and manageability over the present land and income file storage system.



"We worked hard to make such a system which not only makes managing facilities easier but also helps athletes grow in every aspect and keeps them motivated."
- Devam Doshi (Student Leader)

Sport Infrastructure Management: Engineering Solution

A Team consisting of **Devam Doshi, Ritesh Mandaviya, Uday Gohil, Dhruv Shah** and **Isha Shanghani** from **Information Technology department** clinched the **First Prize** (cash prize worth **Rs. 2,00,000**) in the "New India Vibrant Hackathon 2023" as part of SSIP 2.0. Focused on the logistic and infrastructure sector, the project titled "Sport Infrastructure Management" is designed to optimize sports facility operations and enhance athlete engagement. It features detailed location information, maintenance notifications for seamless planning, and a QR-based attendance system for efficient tracking. Motivation is fostered through an attractive badges and insightful leaderboard, while daily goal notifications encourage athletes to strive for continuous improvement. Authorities benefit from detailed analysis through charts and dashboards, enabling strategic decision-making. This system provides robust security measures and privacy considerations too. **Prof Jashwant Dave** (Information Technology Department) mentored the team.



"With QuizApp, education becomes engaging, and results-oriented, benefiting both educators and learners."
- Mihir Patel (Student Leader)

QuizApp – Get Ready to Challenge Your Mind!

Another Team consisting of **Mihir Patel, Honey Patel, Tanisha Dave** and **Nishtha Malkan** from **Information Technology department** also secured the **First Prize** in **Smart Education sector** (cash prize worth **Rs. 2,00,000**) in the "New India Vibrant Hackathon 2023" as part of SSIP 2.0. Focused on the Smart Education sector, the project titled "Quiz App" is designed to empower educators to create quizzes while providing students with a seamless interface to appear in the quiz and analyze their performance. It features AI based personalized quizzes tailored to the required topics for each student. Upon completion, students receive instant results and detailed feedback, providing a comprehensive analysis of their performance through intuitive charts and dashboards. The system ensures data security with enhanced measures. Furthermore, it offers the capability to download a detailed Excel report of student performance. To foster motivation, the system introduces leaderboards that showcase top performers, encouraging healthy competition and driving academic excellence. **Prof Jashwant Dave** (Information Technology Department) mentored the team.



Chetan Sharma, Vineet Kumar, Dhiraj Prajapati, Srushti Sodavadiya & Vyom Dixit of the **Computer Engineering Department**, under the mentorship of **Prof. Nakul Dave**, won the 3rd prize worth **Rs. 50,000** in the New India Vibrant Hackathon 2023 organized by the Education Department, Govt of Gujarat, they have demonstrated **“Rule Expert Chatbot System”**.

Ayush Chauhan, Harekrushn Tejani, Khushi Patel, Aheen Solanki, and Harsh Nirmal of the **Information Technology Department**, under the mentorship of **Prof Jashvant Dave**, won the **2nd prize** worth **Rs. 1,00,000** Lakh in New India Vibrant Hackathon 2023 organized by Education Department, Govt of Gujarat, under Health and Sports sector. Developed a comprehensive solution for the Frontline worker accreditation system held on 25th Nov 2023 at PDEU, Gandhinagar.



**NEW INDIA VIBRANT
HACKATHON 2023
GRAND FINALE**



Purvik Sukhadiya, Heet kheni, Jenish korat, Priyanshu panchasara, Mayank Sardhara & Maulik Italiya of the **Computer Engineering Department**, under the mentorship of **Prof. Nakul Dave**, won the **3rd prize** worth **Rs. 50,000** in the New India Vibrant Hackathon 2023 organized by the Education Department, Govt of Gujarat, they have developed **Argoya Mitra application for Gir Somnath District**.

Nitesh Chauhan, Deepak Jain, Vraj Patel, Nigam Gajjar, Yogin Pambhar & Dhyanam Pathak of the **Computer Engineering Department**, under the mentorship of **Prof. Amit Rathod**, won the **3rd prize** worth **Rs. 50,000** in New India Vibrant Hackathon 2023 organized by Education Department, Govt of Gujarat, they have demonstrated smart solution for the project titled Dropout of Students in Higher Education under Smart Education sector.



VGEC Students Secured 1st Position in Smart India Hackathon 2023



A standout success story emerged from the 5th-semester **Information Technology Department!** Team "Console.log()" comprising Devam Doshi, Isha Sanghani, Harikrishna Tejani, Dhruv Shah, Harsh Nirmal, and Uday Gohil as members and **Prof Jashvant Dave** as a faculty mentor, excelled in addressing the problem statement titled **Student Dropout Analysis for School Education** in the Software Edition of Smart India Hackathon - 2023 organised by Ministry of Education, Govt of India at Manipal University, Jaipur, Rajasthan held on 19-20 December 2023. Their innovative solution featured a comprehensive visual presentation of dropout data based on different parameters, early detection of potential dropouts, and extensive remedies to prevent them. Team Console.log() clinched the First Prize for their outstanding solution and was awarded a cash prize of ₹1,00,000/-.

Dr Vibha Patel

(Information Technology Department)

Published a paper titled “Novel H-Unet Approach for Cropland Change Detection Using CLCD” In IEEE International Symposium on Geoscience and Remote Sensing (IGARSS) - Oct 2023.

Dr. Femina Patel

(Chemical Engineering Department)

Published a paper titled “Electrochemical degradation of reactive dyes mixture over DSA electrodes: A sustainable approach” in the international journal Materials Today: Proceedings, Elsevier – 5th December 2023, ISSN 2214-7853.

Dr Kajal Patel

(Computer Engineering Department)

Published a paper titled “A comparative study on factors used to predict dengue outbreaks using machine learning algorithm” at AIP Conference Proceedings Scopus Indexed with volume No 2855, 060006, Issue 1, on 11th December 2023. ISSN number: 1551-7616.

Under her guidance, Mr Mihir Mehta completed PhD titled “Intelligent Security Framework for Internet of Things” from GTU.

Dr. Sejal Sarvaiya

(Science and Humanities Department)

Presented a paper titled “Role of Women Engineering Faculty Members in Supporting Girl Students to Develop a Sustainable Career in Engineering Field” in International Conference at ICW-STCSC: 2023, B. V. M Engineering College, Vallabh Vidhyanagar, Anand, Gujarat.

Dr. Uttam Chauhan

(Computer Engineering Department)

Presented a paper titled “Chatbot for academic institutions” at the ICRIC-2023 Volume 2 Springer approved conference, 21st-22nd December 2023.

Dr. Sonal Prajapati

(Chemical Engineering Department)

Published a paper titled “Co-pyrolysis of printed circuit boards (PCBs): A review on current research and future prospects” in the international journal Materials Today: Proceedings, Elsevier – 24th October 2023, ISSN 2214-7853.

Dr Anwarul M. Haque,

Prof. Nirav D. Mehta,

Prof. Ashish P. Patel,

Tushar R. Shrivastava,

Rai Sumit Sandeep

(Power Electronics Department)

Published a paper titled “Solar Power System: Inverter Topology, Selection and its Challenges for Efficient Production” in International Journal of Research and Analytical Reviews (IJRAR), Volume 10, Issue-4, E-ISSN 2348-1269, P-ISSN 2349-5138, pp 803-809, 10th October 2023. IF: 7.17.

Prof. R R Kapadiya

(Science and Humanities Department)

Presented a research paper on “Power quality improvement of grid connected HVAC transmission line with FSIG farm using FACTS devices” in national conference organised by Vijnana Bharti & Government of Gujarat held at Science City, Ahmedabad during 21st to 24th December, 2023.

Dr. Dipakkumar Bhatt

(Science and Humanities Department)

Presented a paper titled ‘Communication Skills for IT Engineering Graduates: A Study’ in International Conference at ICWSTCSC: 2023, B.V.M Engineering College, Vallabh Vidhyanagar, Anand, Gujarat.

Dr. Darshana A Patel

(Science and Humanities Department)

Published a paper titled “Three porous layered ferrofluid squeeze film with a convex pad stator under squeeze and slip velocity effects” in Computer Integrated Manufacturing Systems, vol 29 (11) 15-43, November 2023.

Dr. Vaseem G Qureshi

(Science and Humanities Department)

Published a research paper titled “Unmasking Inequality: A Crossroads of Transgender Struggles in India and America - Social, Economic, And Political Discrimination Explored” as a co-author with PhD scholar in the Interdisciplinary Research Journal for Humanities (2249-250X), Tamilnadu, India in October 2023.

Presented a research paper titled “Bringing an Active Learning Environment to the Classroom and Increasing Student Engagement through Flipping Learning Practices” in ELT SUMMIT 2023 (International Virtual Conference) combinedly conducted by ISEL, USA & MIT-ADT University, Pune on 1st & 2nd December 2023.

The Vibrant Gujarat Startup Conclave Exhibition 2023



provided a dynamic platform for innovation, collaboration, and networking. VGEC showcased students' **SSIP** projects 3D Printer (Innwant Technology) toolplate.ai, ELECTRO SHIELD, INFIVE, Voicer, and Weep Scope.

More than 4000 people including entrepreneurs, investors, industry professionals, government representatives, academia, tech enthusiasts, media, and the general public paid the visit on 6th and 10th December 2023 at Helipad Ground, Gandhinagar.



NSS VGEC volunteer **Hiral Shah (5th sem, Instrumentation & Control Engineering Department)** represented GTU at Pre-Republic Day Camp at Vijayawada, Andhra Pradesh, from 1st to 10th November, 2023.



NSS VGEC conducted its annual recruitment procedure encompassing quizzes, seminars, and Nukkad Natak (street theatre) to attract like-minded contributors



To extend a helping hand to underprivileged individuals during Diwali, **NSS VGEC** orchestrated the **Joy of Giving** on 5th November. Volunteers amassed essential items from neighbouring communities and categorized them into distinct groups, such as apparel for men and women, and distributed them to underprivileged people.



NSS VGEC volunteers **Hetvi Patel** and **Himanshu Parmar** (7th sem, Electrical Engineering Department) represented GTU at National Integration Camp 2023 held at Shree Govind Guru University, Godhra, from 2nd to 8th November 2023.



IEEE DAY 2023

IEEE VGEC Student Branch recently hosted **IEEE Day 2023** on 4th October, 2023 marked by events like Ted Talks, Dynamic Tech Fair, Wall of Wisdom, and Vibrant Garba. 400+ students participated in total.

A TED Talk was hosted with **Dr. Jitendra Bhatia**, Associate Professor, CSE, Nirma University, and **Dr. Madhukant Patel**, Adjunct Professor, CSE, Nirma University, as experts elaborating importance of the Internet of Things (IoT).

AR-VR was held for Pupils to interact with augmented reality through an amazing and entertaining video tour of the solar system.

An online gaming tournament was held in which three champions were provided free food coupons as prizes.

To make the celebration more memorable, we collected hand prints on blank canvases to fill up the day with colors of joy which was called Wall of Wisdom.

The day ended with an energizing Garba at E block with 100+ participants.



Mission English is a student-driven activity for improving English and communication skills under the guidance of **Dr Vaseem Qureshi (Science and Humanities Department)**. Sessions are conducted every Wed, 9 to 10.30 am in the English Language Lab, E Block. A session titled 'Speak Your Heart Out' of 4th October was convened by **Satyam (Electronics & Communication Department)** and **Aashish (Electrical Engineering Department)**. Another session titled 'Trail Your Tale' of 11th October was convened by **Astha** and **Om (both from the Electrical Engineering Department)**.



A training session on 'Knot Making & Rope Fixing'

It was conducted by the **Youth Brigade** on December 27, 2023.

Mr. Sahaj Ubhadiya (Instructor, Invincible NGO) was the expert for this session. Participants learnt different types of knots, details of the safety gears which are useful for any adventure activity.



Electrical Engineering Department organised an Industrial Visit for 5th semester students on 4th October, 2023, at **Institute of Plasma Research (IPR)**. The main objective of visit was to make students explore the upcoming field of research that is Plasma. The expert lecture was conducted and various experiments related to application of plasma were demonstrated by **Dr. Gattu Ramesh**. By the virtue of this visit, students got deep insight into Plasma and related technologies. The students were accompanied by **Prof. A Y Solanki** and **Prof. A T Mistry**.

The **Civil Engineering Department** conducted a site visit at VGEN New Hostel to impart practical insights into different construction processes, materials, and the comprehensive stages of a construction project.



The **Civil Engineering Department** organised an expert lecture on "Managing Construction and Demolition Waste for a Greener Future" for Sem 3 Civil Engineering students on 12th October 2023. The talk was delivered by **Dr. Uma Chaduvula**, Asst. Professor, PDEU, Gandhinagar.



The **Computer Science and Engineering (Data Science) Department** organized an industrial-academic visit to Vikram Sarabhai Space Exhibition (VSSE), ISRO, Ahmedabad. The experience was enriched through engaging mediums such as working models, live panels, static displays, a state-of-the-art 3D theatre, and interactive multimedia presentations. A total of 74 students of Semester 3 paid this visit along with **Prof. J. R. Dave** and **Prof. K. P. Bhatt**.

The **Chemical Engineering Department** carried out consultancy work worth Rs. 18,000/- on the Environment Audit Evaluation Report for four prominent Chemical Engineering Companies, assigned by the Gujarat Pollution Control Board (GPCB).

VGEC-Gymkhana organised a **Garba Night RangTaali** on 16th October 2023 to celebrate the auspicious festival of Navratri which exemplifies the fusion of tradition and modernity, creating a vibrant and inclusive atmosphere on the college campus. 900+ students and faculties dressed up in colourful chaniya cholis and kurta pyjamas and performed Garba and Dandiya Ras together.

Students from the **Power Electronics Department** visited the 1-MW Solar Power Plant at Solar Research & Development Centre, PDP, and learnt many things related to the solar power plant process.

A workshop on “Digital Marketing” was organised by the **Information Technology Department**, on 13th December 2023 in B-202. **Mrs Disha Patel** (SEO Engineer, Techie Pixel Pvt Ltd) was the expert who talked about digital marketing, search engine optimization (SEO), social media strategies, and paid campaigns.



The **Chemical Engineering Department** in collaboration with NITTTR Gujarat Extension Centre, Ahmedabad, organized a one-

week Short-Term Training Programme (STTP) on “Exploring Cutting-Edge Process Design and Engineering with Advanced Software Tools” from 11th to 15th December 2023. This training program was coordinated by Prof. (Dr.) Nishith Dubey, Professor and Coordinator, NITTTR Gujarat Extension Centre, Ahmedabad, **Prof. Suchen Thakore** and **Dr. Ujala Christian**.

The **Electronics and Communication Department** in collaboration with NITTTR Gujarat Extension Centre, Ahmedabad, organ-

ised a faculty Development Program on “Embedded Linux” from 18th December to 22nd December 2023. Experts from elnfochips, Teksun Industries, and Silicon Signals conducted training sessions in embedded systems, IoT, and AI. This FDP was coordinated by Prof. (Dr.) Nishith Dubey, Professor and Coordinator, NITTTR Gujarat Extension Centre, Ahmedabad, **Prof. Urvisha Fatak** and **Prof. Karan Bhatt**.



Vishwa Cup-2023, an annual sports event was organised by **VGEC-Gymkhana** during 16th to 19th October, 2023 encompassing athletics, cricket, volleyball, football, basketball, kabaddi, table tennis, chess, badminton, carrom, tug of war and some fun events. 1900+ students and 30 faculties participated. It was inaugurated by **Prof. S. N. Pandya (Dept Coordinator, Electrical Engineering Department)** in presence of **Dr Akash Gohil**, Sports Co-ordinator, GTU. The event was coordinated by Sport In-charge, **Prof. R. M. Patel (Electronics and Communication Department)** & Student Sports Coordinator **Nihal Khan (7th sem, Power Electronics Department)** and convened by **Prof S. A. Trivedi (Asso Prof, Civil Engineering Department)**.

Prof. H B Vaghela
(Electrical Engineering Department)

Completed MOOC NPTEL course on "Yoga and Positive Psychology for Managing Career and Life" from 21st August to 13th October 2023.

Prof. K M Parmar
(Civil Engineering Department)

Participated in the 59th FDP on Design Engineering (Level-1) from 17th to 21st oct 2023 organised by GTU-IDEALAB in association with the Centre of Industrial Design at GTU.

Prof. B K Patel
(Electrical Engineering Department)

Prof. S A Solanki
(Mechanical Engineering Department)

Participated in a one-week training program on "Train the Trainers - Introduction to Electric & Hybrid Vehicle Technology" at the International Automobile Centre of Excellence from 30th October to 3rd November 2023.

Prof K M Parmar and Prof G D Jagad
(Civil Engineering Department)

Attended 29th Indian Plumbing Conference (IPC), "Net Zero Water in the Built Environment," from Dec 21st to 23rd, 2023, at the YMCA International Centre in Ahmedabad. 12 students (Sem-3) from the Civil Engineering Department also participated.

Dr. Sunil Patel
(Chemical Engineering Department)

Completed MOOC NPTEL course on "Basic Environmental Engineering and Pollution Abatement" from 24th July to 13th October 2023.

Dr. Darshana A Patel
(Science and Humanities Department)

Completed NPTEL course on "Mathematical Methods and Its Applications" conducted by IIT Roorkee.

Prof. Sita Agrawal and Prof. Avani Mistry
(Electrical Engineering Department)
Prof. R P Vyasa and Prof. Vaishali Patel
(Mechanical Engineering Department)

Participated in one week ATAL Academy training on "Alternate fuels and Electric Vehicles" at LDCE, Ahmedabad from 18th Dec to 23rd Dec 2023.

Prof. Divyesh Vaghela
(Electrical Engineering Department)
Dr. S S Patel
(Mechanical Engineering Department)

Participated in a one-week training program on "Train the Trainers - Automotive Systems with Sensors" at the International Automobile Centre of Excellence from 30th October to 3rd November 2023.

Prof. J M Shroff
(Computer Engineering Department)

Completed MOOC NPTEL on "The Joy of Computing Using Python" from 24th July 2023 to 13th October 2023.

Prof Karan P Bhatt
(Computer Engineering Department)

Completed MOOC NPTEL on "Ethics in Engineering Practice" from 21st August 2023 to 13th October 2023 with Elite Certification.

Dr. Alpesh Dafda, Prof Rahul Patel, Prof Jagruti Makwana and Prof Naresh Patel
(Electronics and Communication Department)

Attended 5-day FDP on "Embedded LINUX" from 18th Dec to 22nd Dec, at NITTTR Ext. Center, RCTI, Ahmedabad.

Dr. Beena Sheth and Dr. Sonal Prajapati
(Chemical Engineering Department)

Attended one-week STTP on "Exploring Cutting-Edge Process Design and Engineering with Advanced Software Tools" organised by the Chemical Engineering Department, VGEC in collaboration with NITTTR, Bhopal, from 11th to 15th December 2023.

Prof. Hetal Dalal
(Instrumentation and Control
Engineering Department)

Completed MOOC NPTEL course on "Training of Trainers" from July to October 2023.

**Prof. Manoj Khedia, Prof. Mamta Patel, Prof. Swati Rathod and
Prof. Nitin Prajapati**
(Instrumentation and Control Engineering Department)

Completed MOOC NPTEL course on "Transducers for Instrumentation" from July 2023 to October 2023

STUDENT ACHIEVEMENT



Dev Kothari (Electronics and Instrumentation Engineering Department) secured 2nd position in the Taekwondo Competition organised by GTU under the Annual Sports event on 17th and 18th October 2023.

Shrikanth Vilvadrinath (Electronics and Communication Engineering Department) completed a Diploma in Data Science from the Indian Institute of Technology, Madras (IITM).

Poonam Kodiyatar and Umesh Mori (Civil Engineering Department) were selected by the Gujarat Subordinate Service Selection Board in the Road and Buildings Department for the post of Working Assistant.

Mittal Panchal (Civil Engineering Department) received the Certificate of Appreciation for successfully participating in the "Sinhnaad Competition, 2023" organised by Ignited Youth Forum and Guidance by Vivekananda Kendra in October 2023.



Mayursinh Jadeja (Civil Engineering Department) was the Captain of the VGEC Cricket Team in the tournaments organized as per GTU Sports Calendar. The team won the Zone 2 Cricket tournament under his captainship.

Aayushi Anand Shah (Civil Engineering Department) completed a 12-week MOOC course in Sustainable Architecture from IIT Roorkee under NPTEL.



Manthan Doshi and Rana Kodiyatar (Civil Engineering Department) won the Table Tennis (Duals) competition in the Vishwa Cup 2023 held on 19th October 2023.



Darshan Mukund Bhongale (Power Electronics Department) participated in the 18th ISKU International Karate Cup-2023 held at Eka Arena by Transtadia, Ahmedabad on 30th & 31st December 2023. He also got 1st position in the 65kg weight group, in the Senior Men Kumite event.

Smit Mehta (Electronics and Instrumentation Engineering Department) was runner-up in an interzonal football competition under Spirit from 5th to 8th October 2023, held at Saurashtra University, Rajkot. He also participated in a Football competition, an event under Concours '23 at DAIICT, Gandhinagar.

Rathhva Harshadkumar Vinubhai (Alumnus, **Electrical Engineering Department, 2020**) is selected in GSECL as Junior Engineer on 16th January, 2023.

Sampreet Vaidya (Alumnus, **Power Electronics Department, 2019**) pursuing an MSc. in Software Engineering from the University of Calgary, Canada. His research work primarily focuses on the application layer of wireless communication for low-latency use cases such as cloud VR. His research work is recently presented at the IEEE Global Communications Conference GLOBECOM-2023.



Parth Tarpara

(Alumnus, **Power Electronics Department, 2015**) Renowned poet, lyricist, and former RJ, Lyricist of “રંગ દરિયો” & “રાહ જુએ શણગાર અધુરો”, who also composed the Lion Anthem for the Gujarat Forest Department which was unveiled by the Hon'ble CM, Shri Bhupendra Patel. He also lent his voice to the caller tune during the 100 crore COVID vaccination drive.

“

Reflecting on my time at VGEC, I fondly recall the institute as the catalyst for honing my public entertainment skills during the annual functions. VGEC not only nurtured my talents but also empowered me to conquer my fears, laying the foundation for my remarkable journey in the entertainment industry. I attribute my success to the support and encouragement received from mentors at VGEC.

”

VGEC Wishes him for the upcoming Gujarati Mega-Movie 'KASOOMBO' set for release on February 16th, 2024 in which he has crafted three poignant songs.

Gallery



Shashvi H. Shah
1st sem, CE



Varun Kavaiya
1st sem, CE



Karansinh Rathod
3rd sem, Civil



Photography



Tapan Patel 3rd sem, CE



Pranjal Vinzuda 3rd sem, Civil

Poetry

Heart-Beat

*My Heart Beats,
For Knowledge*

*My Heart Beats,
For Love*

*My Heart Beats,
For Growth*

*My Heart Beats,
For Wealth*

*My Heart Beats,
For Pride*

*My Heart Beats,
For I Am Alive.*

- Christian Angel S
1st sem, CE

TRAINING & PLACEMENT UPDATES (OCT-DEC 2023)

L & T

EE-2, IC-2, MECH-10, CIVIL-2

Torrent

EE-8, MECH-3

7 Span

CE-1, IT-2

Odoo India Pvt. Ltd

CE-1, IT-1, EC-2

Esparkbiz

CE-2, IT-1

Optimum Solutions

CE-2, IT-1

Voltas Pvt. Ltd.

EE-4, MECH-5

Arvind SmartSpaces

CIVIL-2

Keyence India

EE-1, PE-1

Amnex Infotechnologies Pvt. Ltd

CE-4, IT-2, IC-2

TRAINING & PLACEMENT ACTIVITIES



Sim Cher Whee

(Vice President, Global Talent Acquisition & Mobility, Micron Technology Inc.)

Zerlinda Tan

(Director Talent Acquisition South Asia)

Joanne Tan

(Director Talent Acquisition, Malaysia)

Jhansi Naidu

(HR, Chengalpattu, Tamil Nadu, Micron)

On November 6, 2023, team of Micron Technology Inc. officials led by Sim Cher Whee, Vice President, Global Talent Acquisition & Mobility, graced the VGECE Campus with their presence in a significant visit aimed at fortifying the industry-academic relationship. The visit was marked by a shared commitment to enhancing collaboration between the technology industry and academic institution. The primary focus of the visit was to discuss and implement initiatives related to training and placement, aligning academic curriculum with industry demands. This interaction provided a valuable platform for students and faculty at VGECE to gain insights into the latest trends in the technology sector and fostered a conducive environment for potential collaborations. The presence of Micron Technology Inc. officials underscored the importance of bridging the gap between academia and industry, ensuring that students are equipped with the skills and knowledge required for successful careers in the rapidly evolving tech landscape.

VGECNews

Newsletter | October - December 2023

Our Major Recruiters



VISHWAKARMA
Government Engineering College



(079) 23293866



vgec_newsletter@vgecg.ac.in



www.vgecg.ac.in



Nr. Visat Three Roads, Sabarmati-Koba Highway, Chandkheda, Ahmedabad-382424

