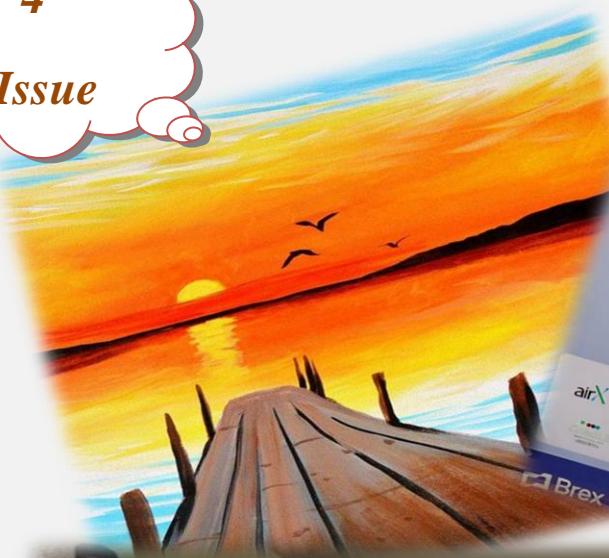


Electrabuzz-25II

4th
Issue



ELECTRICAL DEPARTMENT
GOVERNMENT ENGINEERING COLLEGE,
SECTOR-28, GANDHINAGAR
NEWSLETTER-25/2(JULY TO DEC-2025)

PREFATORY NOTE

It gives us immense pleasure to introduce our 4th Issue of “ElectrabuzZ (Use the electric currents to communicate the feelings)” a semiannual newsletter by Electrical Engineering department of GEC Gandhinagar. In an era of information proliferation, news may be available on different platforms, including social media in a variety of ways. However, the newsletter needs to recapitulate and formally organize the prominent news items as a ready reference for the convenience of the stakeholders of the department as well as Institute. We hope that this issue as well as other upcoming issues will serve this purpose. We are thankful to faculties for their constant co-operation in bringing out the newsletter.

H. O. D.'s Message



Dr. Kunal Ashvinkumar Bhatt

Head of Department

I am happy to note that our Electrical Engineering department is releasing one another issue of Newsletter of this term, enumerating the various activities and achievements of our faculty and students. The department endeavors to produce confident professionals tuned to a real time working environment. The department offers an excellent academic environment with a team of qualified and dedicated faculty members to inspire the students to develop their technical skills and inculcate the spirit of teamwork in them. Commendable job has also been done by the Editorial team in planning for and producing the Newsletter. I also congratulate the entire Electrical engineering department faculties and students for their contribution to department activities and look forward to future developments. Special thanks to the Editorial Board for in house development of this newsletter.

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Creative Corner

DEPARTMENT ZONE

FACULTY DETAIL



HOD

Dr. Kunal A. Bhatt
**Ph. D. (ELECTRICAL
ENGINEERING)**
Experience: 23 Years

Prof. Jignasha A. Prajapati
M.E. , Ph D Pursuing
Experience: 20 Years



Prof. Ashok L. Vaghameshi
M.E. , Ph D Pursuing
Experience: 16 Years

Prof. Mihir B. Chaudhari
M.Tech. , Ph D Pursuing
Experience: 20 Years



Prof. Priyank R. Bhavsar
M.E. , Ph D Pursuing
Experience: 17 Years

Prof. Nirav D. Patel
M.Tech. , Ph D Pursuing
Experience: 20 Years



Prof. (Dr.) Sunil P. Agrawal
Ph. D. (ELECTRICAL
ENGINEERING)
Experience: 13 Years

DEPARTMENT ACTIVITY

Seminar On “Bridging Circuits to Civics: UPSC/GPSC Journey for Engineers”

A seminar on 'Bridging Circuits to Civics: UPSC/GPSC Journey for Engineers' was organized by Government Engineering College, Gandhinagar on **6th September 2025** from 11:00 AM to 1:00 PM at C. V. Raman Hall, Block No.1. The session aimed to motivate and guide engineering students towards civil services as a career option, bridging the gap between technical education and governance. The keynote speaker of the seminar was **Mr. Abhinav Singh, Founder of Civil IAS**, with more than 12 years of teaching experience in UPSC across Delhi, NCR, Gujarat, and Maharashtra. He has also served as Manager at the Central Bank of India and is a regular faculty member at SPIPA. Additionally, he has been a visiting faculty at DDU-Nadiyad and Chandigarh. The seminar was held under the patronage of Dr. S. P. Dave, Principal of GEC Gandhinagar. The convener of the event was Dr. Kunal A. Bhatt, Head of the Electrical Department. The event was coordinated by Prof. M. B. Chaudhari and Prof. N. D. Patel from the Electrical Department.



Teachers' Day Celebration

The Electrical Engineering Department celebrated Teachers' Day with warmth, enthusiasm, and respect. Students organized a special program to express gratitude towards the faculty who continuously guide, support, and inspire them. The celebration included short speeches, fun activities, and a small token of appreciation presented to each teacher. The event highlighted the valuable role our EE faculties play in shaping students' technical knowledge, professional skills, and overall growth. It was a memorable occasion filled with joy and heartfelt appreciation for our dedicated educators.



Top 5 Students of Electrical Engineering

(4th Semester-23 Entry)

230130109003

BAMTA KISHAN

9.17



240133109025

**VERMA
ANISHKUMAR
KHUSHIRAM**

8.61



230130109022

**KHARA RAHUL
BAIDYANATH**

8.48



230130109037

PARTH KAYADA

8.22



230130109055

**RAWAT DEVANSHI
DEVENDRASINGH**

8.17



Top 5 Students of Electrical Engineering

(2nd Semester-24 Entry)

**240130109035 PANDEY NIKHIL
SUNIL**

8



**240130109052 PRAJAPATI
SUBHASH
PRAKASHBHAI**

7.73



**240130109064 TRIVEDI
AASTHA
RASHMIKANT**

7.5



**240130109062 SOLANKI
RAJVEER SINH**

7.41



**240130109063 THAKKAR
TRISHA
KAMLESHBHAI**

7.27



Student's Achievement At other Institution

- 5TH Semester Student **KHARA RAHUL BAIDYANATH** and **JAGANI MANAN SANJAY** have secured 1st rank in the event of **STARTUP WEEKEND**. The event was hosted at Pandit Deendayal Energy University (PDEU) in Gandhinagar, India, from 29th to 31st August 2025.



- 5TH Semester Student KRISH SAMIRBHAI PATEL participated in **GTU sports tournament for volleyball** on the date 4-august-2025 at GTU-ITR MEHESANA and got **2nd rank** in the whole GTU zone 2.



Student's participation At institute level

- 3rd Semester Student **ASODIYA LAXANK NARENDRAKUMAR** participated in the workshop 'building blocks of react', organized by club IBER on 31st august, 2025.



- 5TH Semester Students **Rawat Devanshi Devendrasingh** and **Lokesh Patidar** had participated in **IDEATHON-2025**, ON 3-SEPTEMBER, 2025 organized by E-Cell, GEC-Gandhinagar.



- 3rd Semester students **Aastha Rashmikant Trivedi** and **Thakkar Trisha Kamleshbhai** participated in the **Teacher's Day celebration** held in the Electrical Department on 4th September and received certificates for participating as student speakers.



Student's participation (Outside the institute)

- 5TH Semester Student **VERMA ANISHKUMAR KHUSHIRAM, BAMTA KISHAN** and **DEVARSH PARMAR** completed 96 Hours Electrical CAD Software training from 21/08/2025 to 03/09/2025 at **Indo German Tool Room (IGTR)**, Vatva, Ahmedabad.



- 5TH Semester Student **Jagani Manan Sanjay** participated in a 10 km marathon organized at **IIT Gandhinagar** as part of the Ananta Run event on 24 August 2025.



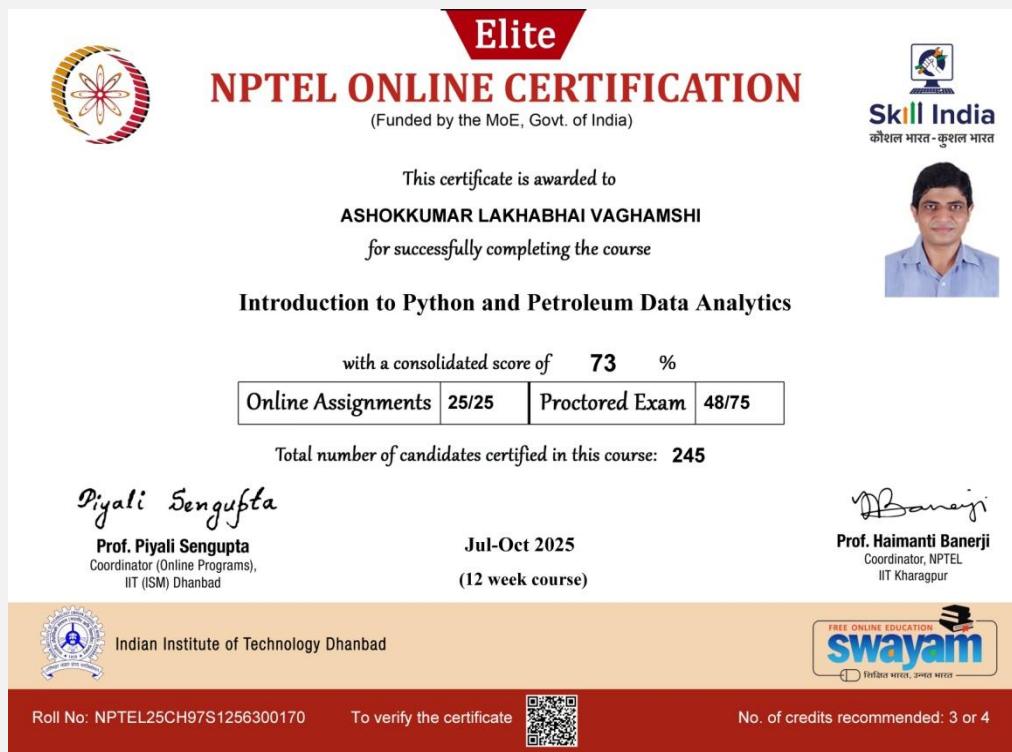
- 1st semester students **Patel Manav Mukeshbhai** and **Khamar Mahi Nileshkumar** participated in the Mathematics Challenge 2025, organized at LDCE on 20 September 2025.



FACULTY ZONE

FACULTY ACHIEVEMENTS/PARTICIPATION

- **Prof. Mihir B. Chaudhari** served as a jury member at the **Vikas Saptah Hackathon – 2025**, held on **14 October 2025** at **Pandit Deendayal Energy University (PDEU), Gandhinagar**. His participation contributed to the rigorous evaluation of innovative student projects and strengthened academic collaboration between the institutions.
- **Prof. Ashokkumar L. Vaghamsi** participated in 12-week NPTEL online MOOC FDP on ‘**Introduction to Python and Petroleum Data Analytics**’ during **July-Oct 2025** and secured **73 %** score (Elite-Certificate).



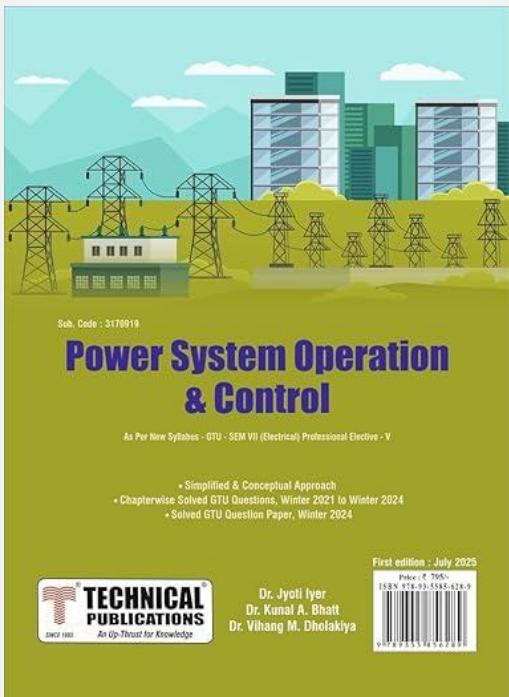
- **Prof. Ashokkumar L. Vaghamsi** successfully completed AICTE-QIP-PG Certificate Programme on "Cyber Security" organized by IIIT Vadodara (Diu Campus) in December 2025.



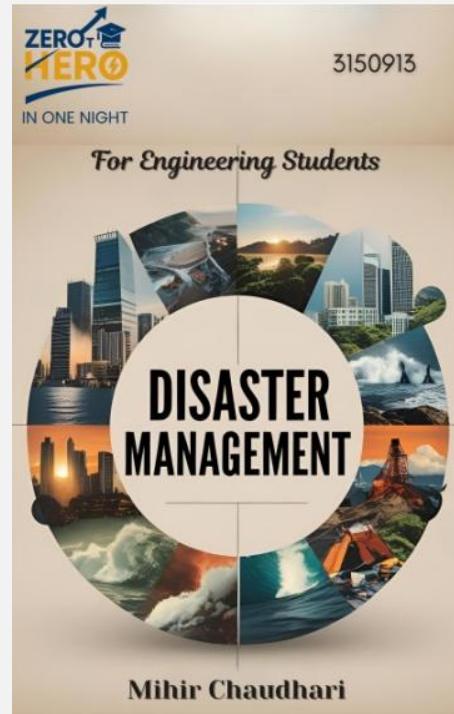
FACULTY PAPER PUBLICATIONS

- **Dr. Sunilkumar P. Agrawal** published a research paper titled "Enhanced PEMFC parameter estimation using a hybrid gorilla troops optimizer and honey badger algorithm" in the 'Computers & Chemical Engineering' in October 2025.
- **Dr. Sunilkumar P. Agrawal** published a research paper titled "An evolutionary approach with multi stage adaptation and diversity enhancement for SOFC parameter identification" in the 'Computers & Chemical Engineering' in November 2025.
- **Dr. Sunilkumar P. Agrawal** published a research paper titled "Robust parameter estimation in solid oxide fuel cells using a multi strategy improved crayfish optimization algorithm" in the 'Result in Engineering' in December 2025.
- **Prof. Ashokkumar L. Vaghamsi** published a research paper titled "Cyber Security and Anomaly Detection in Smart Grids: Trends, Challenges, and Future Prospects" in 'International Conference on Harnessing AI for Healthcare & Climate Resilience (HACER-2025)' at IIIT Vadodara (Diu Campus) in December 2025.

FACULTY BOOK PUBLICATION

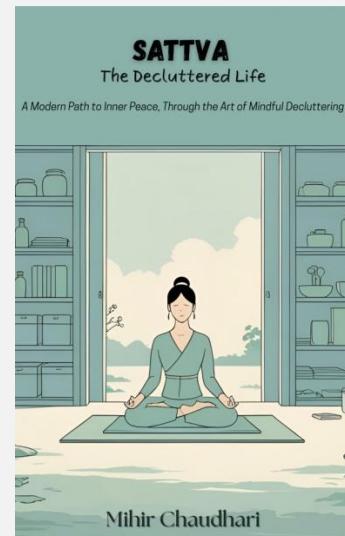
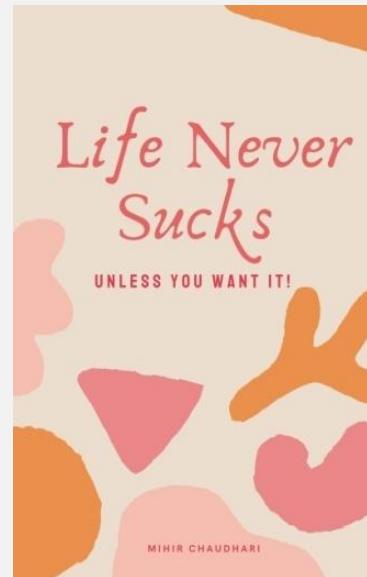


- Dr. K.A.Bhatt published a book titled "**Power System Operation and Control**" with ISBN: **978-93-5585-628-9**. Book is published by Technical Publications, Pune, with a first edition date of July 30, 2025.



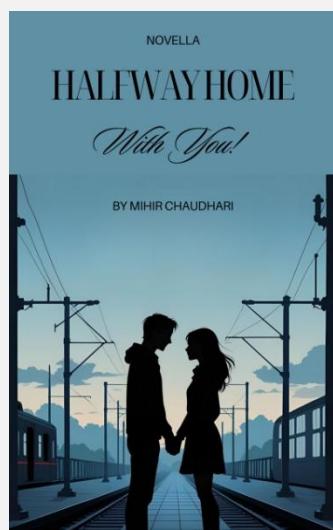
- Prof. Mihir B. Chaudhari published a book titled "**DISASTER MANAGEMENT**" in August 2025. ISBN: 979-8299472110 Available at: <https://amzn.in/d/jiOUmtW>

- Prof. Mihir B. Chaudhari published a book titled "**Life Never Sucks: Unless you want it!**" in July 2025. ISBN: 979-8286291175 Available at: <https://amzn.in/d/2M6qTgy>



- Prof. Mihir B. Chaudhari published a book titled "**Halfway Home, With You!**" in July 2025. ISBN: 979-8278029595 Available at: <https://amzn.in/d/g0cKl2k>

- Prof. Mihir B. Chaudhari published a book titled "**Sattva: The Decluttered Life: A Modern Path to Inner Peace, Through the Art of Mindful Decluttering**" in July 2025. ISBN: 979-8289358387 Available at: <https://amzn.in/d/19lMP5z>



CREATIVE CORNER



250130109027-PRIT PANCHANI-EE-1ST



230130109019-JAGANI MANAN-EE-5TH



250130109043-NIKITA PATEL-EE-1ST



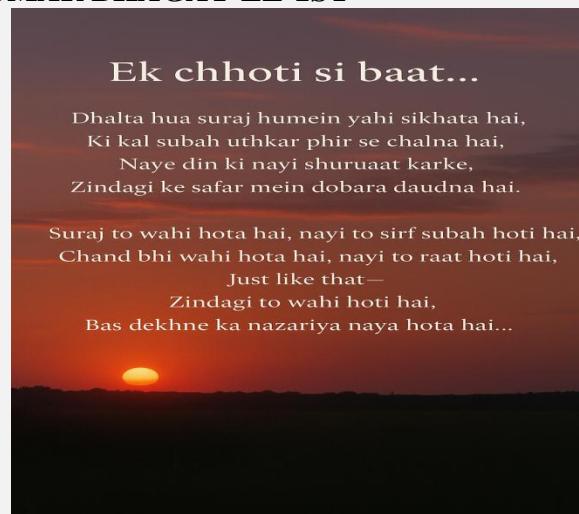
240133109022-SHLOK TRIVEDI-EE-5TH



250130109067-MEET VIRSODIYA-EE-1ST



250130109003-RAVIKUMAR BHAGAT-EE-1ST



250130109045-PATEL NITIKUMARI JAYESHBHAL-EE-1ST

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