

Electrabuzz-261

5th

Issue



ELECTRICAL DEPARTMENT
GOVERNMENT ENGINEERING COLLEGE,
SECTOR-28, GANDHINAGAR
NEWSLETTER-26/1(JAN TO JUNE-2026)

PREFATORY NOTE

It gives us immense pleasure to introduce our 5th 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.

Co-ordinator's Message



Dr. Kunal Ashvinkumar Bhatt

Co-ordinator

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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FACULTY DETAIL



Co-ordinator
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. Vaghamshi
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

“EEMOCO-2026” – ELECTRICAL/ELECTRONICS BASED MODEL COMPETITION

- A working model competition was organized by Electrical Engineering Department on 4th April 2026, at Government Engineering College, Sector-28, Gandhinagar. Under the event “EEMOCO-2026”, Students of various disciplines participated with great enthusiasm. Each student presented different concept based working models made by their group and were observed and highly appreciated by the principal, coordinators of various departments as well as faculty members from various disciplines.
- Total of 24 teams registered in the event, a total of 103 students were selected through the qualifying rounds to participate in the finals. All students were awarded by a participation certificate and the three winner teams were also awarded with a winning certificate. The main objective of doing this event was that the student get start up related encouragement from now on and can go further in that direction and do commendable work. Faculty coordinators for this event were Prof. P. R. Bhavsar, Dr. S. P. Agrawal and Prof. N. D. Patel.





INDUSTRIAL VISIT AT “TPS, GANDHINAGAR”

- Industrial visit to the “Thermal Power Plant, Gandhinagar” was organized on 18th February 2026, as a part of the academic curriculum for “Power System-1” for the 4th semester students of the Electrical Engineering Department at Government Engineering College, Gandhinagar. This visit was conducted under the major activity head of “Technical / Research Skill” and sub-activity head of “Industrial/Exhibition Visit with Report”. A total of approximately 46 students actively participated in this industrial visit. The visit was guided and accompanied by Prof. J. A. Prajapati and Prof. P. R. Bhavsar. Ensuring proper understanding and discipline throughout the activity. The primary objective of this industrial

visit was to bridge the gap between theoretical knowledge gained in classroom learning and practical exposure to real-world power generation systems. Students were able to observe and understand the functioning of various components involved in thermal power generation such as boilers, turbines, generators, and control systems.



LUNCHING OF DEPARTMENTAL LIBRARY FACILITY

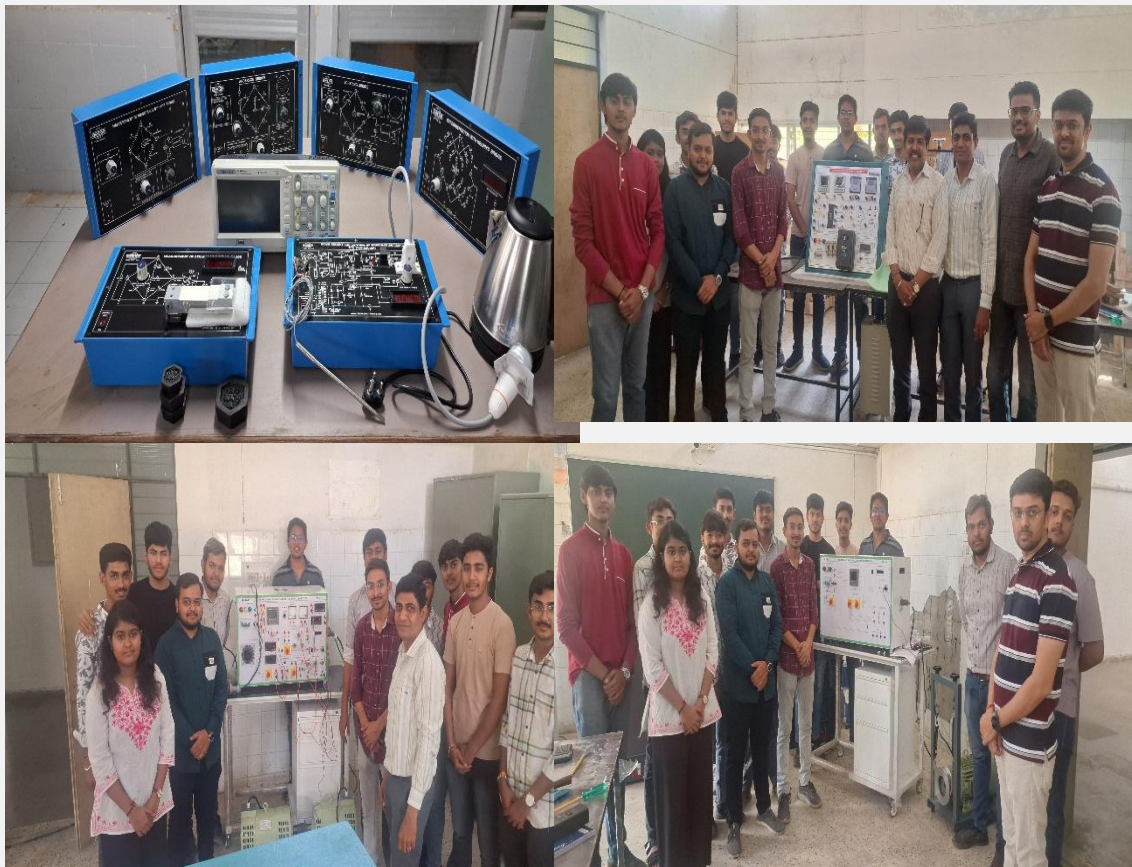
- The Electrical Engineering Department at GEC Gandhinagar has established a departmental library starting from March 2026. The library currently holds more than 250 donated books covering various areas of Electrical Engineering, which are available to both students and staff. Under the guidance of Dr. K. A. Bhatt, Coordinator of the Electrical Department, and through discussions with all faculty

members, a student library team has been formed to manage library activities. An online list of books has been shared with all students in the department, allowing them to check the availability of books. Students can contact library team members to issue books for a period of 20 days at a time. The department also plans to introduce additional facilities in the future to encourage students toward research-oriented learning.



TRACK OF LABORATORY DEVELOPMENT

The Electrical Engineering Department at GEC Gandhinagar has established several new laboratories over the past six months to support third-year subjects. Major equipment for the Electrical Machines Laboratory, along with various bridge kits for the Electrical Measurements Laboratory, has been procured. The primary objective of these developments is to provide students with hands-on practical experience, helping them strengthen their conceptual understanding and explore real-time applications of their theoretical knowledge.



STUDENT ZONE

Top 5 Students of Electrical Engineering (5th Semester-23 Entry)

230130109003 BAMTA KISHAN 9.09



**230130109019 JAGANI MANAN
SANJAY 8.7**



**230130109022 KHARA RAHUL
BAIDYANATH 8.61**



**230130109055 RAWAT DEVANSHI
DEVENDRASINGH 8.43**



**240133109021 SOLANKI
HARSHKUMAR
RANCHHODBHAI 8.39**



Top 5 Students of Electrical Engineering
(3RD Semester-24 Entry)

240130109040

**PATEL JANVI
DINESHKUMAR**

8.6



240130109039

**PARIHAR
AMITSINGH
CHANDRABHAN
SINGH**

8.5



240130109035

**PANDEY
NIKHIL SUNIL**

8.3



250133109013

**MAKWANA
NARENDRA
VIJAYBHAI**

8.2



250133109020

**RATHOD
TARUN
PANKAJBHAI**

8.1



Top 5 Students of Electrical Engineering
(1ST Semester-25 Entry)

**250130109020 KARTAVYA
CHANDRAKAN
TBHAI RAJANI 8.78**



**250130109035
PATEL
BHAVYA
RASHMINK
UMAR 8.56**



**250130109040
PATEL KRISH
PRAKASHKUMAR 8.56**



**250130109007 CHAUHAN
SHIVA SINGH 8.33**



**250130109003 BHAGAT
RAVIKUMAR
VIDYARTHI 8.22**



**250130109041 PATEL MANAV
MUKESHBHAI 8.11**



Student's Achievement At other Institution

- **CONVERGENCE – 2026, Ganpat University:** 6th Sem Electrical Engineering Department students, Anishkumar Verma (240133109025), Manan Jagani (230130109019), and Meet Prajapati (240133109019) participated in *Convergence 2026*, organized by U. V. Patel College of Engineering, Ganpat University, held on 2nd and 3rd April 2026.



- **Entrepreneurship Development in Electric Vehicle, GERMI: 6th Sem Electrical Engineering Department** students, 1. Jagani Manan 2. Verma Anish 3. Bamta Kishan 4. Harsh Solanki 5. Nimavat Pratik 6. Jani Matang 7. Parab Mansi 8. Bhatt Trusha 9. Khara Rahul 10. Rathod Anshu 11. Bharvad Nikul 12. Sharma Sachin 13. Trivedi Shlok 14. Giri Nikhil 15. Vadhar Kashyap 16. Barot Krish attended a 3-day training program on “**Entrepreneurship Development in Electric Vehicle**” at the Gujarat Energy Research and Management Institute (GERMI) from 27th to 29th April 2026.



Student's Achievement At Institution Event

- Hack The Spring – 2026: 6th Sem Electrical Engineering Department** students, Anishkumar Verma (240133109025), Meet Prajapati (240133109019), Vekariya Dhvanit (240133109024), and Patel Sarthak (240133109018) participated and secured **1st rank** in BUILD.X event in *Hack The Spring 2026 (HTS'26)*, organized by Government Engineering College (GEC), Sector-28, Gandhinagar, held on 20th and 21st February 2026.



- **6th Sem Electrical Engineering Department** students, Pratik Vipulbhai Nimavat, Joshi Hardik Jayeshbhai, Barot Krish Miteshkumar and Matang P. Jani participated with project title “SMART HOME AUTOMATION” and secured **1st rank** in EEMOCO-2026, organized by Government Engineering College (GEC), Sector-28, Gandhinagar, held on 04-04-2026.



- **6th Sem Electrical Engineering Department** students, Jadeja Purvjeetsinh Mahavirsinh, Pasaya Sudarshna Mukeshbhai, Trivedi Shlok Alpeshbhai and Kashyap Vadher participated with project title “AUTOMATIC POWER FACTOR CONTROLLER USING 8051” and secured **2nd rank** in EEMOCO-2026, organized by Government Engineering College (GEC), Sector-28, Gandhinagar, held on 04-04-2026.



Student's participation At institute level

- 60 Students as per following list from Electrical Engineering department participated in the “EEMOCO-2026” a working model competition Organized by Electrical Engineering Department, Government Engineering College, Gandhinagar on 04-04-2026.

ABHINAV SINGH RATHORE	PATEL ANSH SATISHBHAI
ASODIYA LAXANK NARENDRAKUMAR	PATEL BHAVYA RASHMINKUMAR
BAMANIYA YASHKUMAR NARESHBHAI	PATEL DHARUV ASHVINBHAI
BAMBHANIYA JAYESH EBHABHAI	PATEL DHARUVIL RAMANBHAI
BAROT KRISH MITESHKUMAR	PATEL DIYA KETANBHAI
BHAGAT RAVI VIDYARTHI	PATEL KRISH PRAKASHKUMAR
BHAYANI YASH HARESHBHAI	PATEL MANAV MUKESHBHAI
BHIMANI RAJANKUMAR ARVINDBHAI	PATEL NITI JAYESHBHAI
CHAUHAN ABHI DHARMENDRABHAI	PATEL PRINCE JANAKKUMAR
CHAUHAN SHIVA SINGH	PATHAR PRINCE RAMESHBHAI
CHOVATIYA MITANSHU SANJAYBHAI	PITHIYA PRINCE PARESHABHAI
DANTANI NASIBKUMAR PRAVINBHAI	PRAJAPATI AARCHI BHARATBHAI
DAVE KAVY DINKARRAY	PRATIK VIPULBHAI NIMAVAT
DESAI PRIYANSHI NATHABHAI	PRINCEKUMAR HIMMATKUMAR PATEL
DODHA PRAMOD RASIKBHAI	RAJPUROHIT ANURAG SURENDRASINGH
DUDHAREJIYA NAMAN N.	RAMANA NIKUNJ A
GANGODA PRAGNESHKUMAR MADHUBHAI	RANA MITRAJSINH RAJENDRASINH
GUPTA ARYAN SUNILBHAI	RATHOD DARSHAN
JADEJA PURVJEETSINH MAHAVIRSINH	RATHVA NIRMAL ASHOK BHAI
JONSANKUMAR DILIPBHAI CHRISTIAN	SAVALIYA PANCHAMI H
JOSHI HARDIK JAYESHBHAI	SIDDHANT TARSARIYA
KALOTARA MEET HARESHKUMAR	SOLANKI HIREN LALJIBHAI
KARTAVYA CHANDRAKANTBHAI RAJANI	TARUN PANKAJBHAI RATHOD
KASHYAP VADHER	TOKRALIYA MEHULBHAI BANABHAI
KASODARIYA DIJESH UMESHBHAI	TRIVEDI SHIV GAUTAMBHAI
KHAMAR MAHI NILESHKUMAR	TRIVEDI SHLOK ALPESHBHAI
MATANG P. JANI	UTTAM BHENSDADIA
PARADIYA SHUBHAM VIJAYBHAI	VASAVA AVINASHBHAI NATVARBHAI
PARMAR BHAVIK B	VISHALKUMAR RATHAVA
PASAYA SUDARSHNA MUKESHBHAI	ZALA YASHDIPSINH RANCHHODSINH

Student's participation (Outside the institute)

- Some other students have also been getting participation certificates from various events at other universities in the last six months as below.

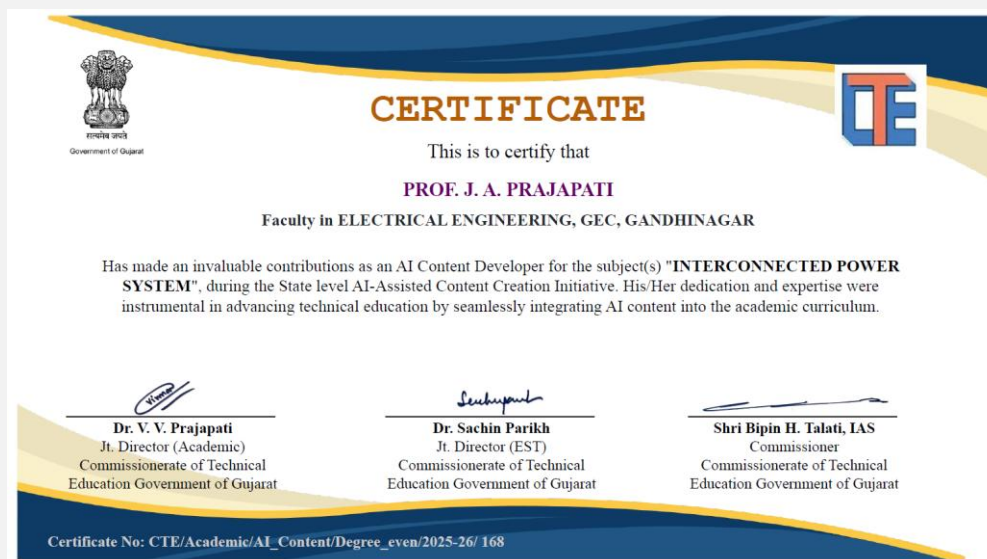


FACULTY ACHIEVEMENTS

- **Prof. M. B. Chaudhari** contributed as an **AI Content developer** during the State level AI-Assisted Content Creation Initiative by CTE, Gandhinagar.



- **Prof. J. A. Prajapati** contributed as an **AI Content developer** during the State level AI-Assisted Content Creation Initiative by CTE, Gandhinagar.



- **Prof. A. L. Vaghamshi** contributed as an **AI Content developer** during the State level AI-Assisted Content Creation Initiative by CTE, Gandhinagar.



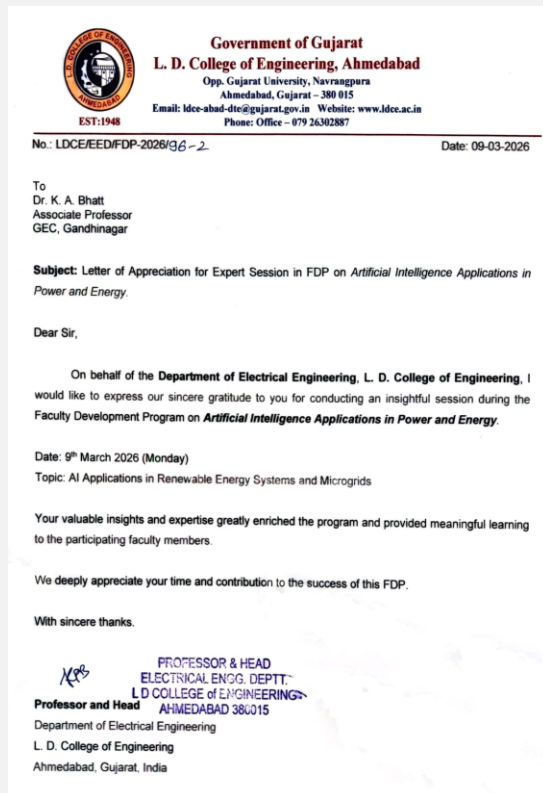
- **Prof. P. R. Bhavsar** contributed as an **AI Content developer** during the State level AI-Assisted Content Creation Initiative by CTE, Gandhinagar.



- **Prof. N. D. Patel** contributed as an **AI Content developer** during the State level AI-Assisted Content Creation Initiative by CTE, Gandhinagar.



- **Dr. K. A. Bhatt** shares their knowledge as an expert on “**AI Applications in Renewable Energy System & Microgrid**” during One Week FDP on “**Artificial Intelligence Application in Power & Energy**” on **09/03/2026** at Electrical Engineering Department, **L.D. College of Engineering, Ahmedabad.**



FACULTY PARTICIPATION

- **Dr. K. A. Bhatt** attended One Week FDP on “**Artificial Intelligence Application in Power& Energy**” during **09/03/2026 to 13/03/2026** at Electrical Engineering Department, L.D. College of Engineering, Ahmedabad.



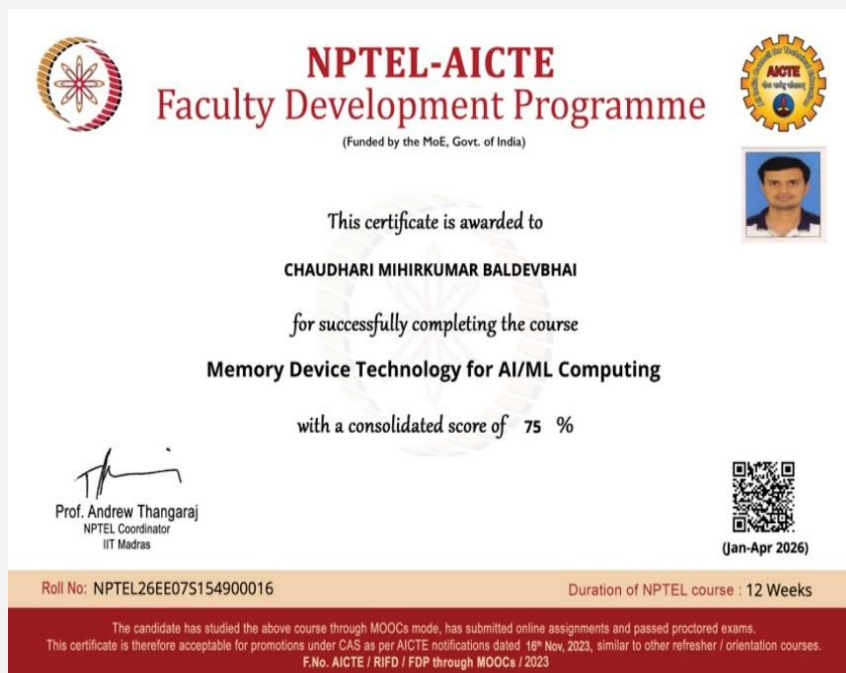
- **Prof J.A.Prajapati** attended One Week FDP on “**Foundation of Technology Quantum TechnologyQT-00 &QT -01**” during **20/04/2026 to 24/04/2026** Organized by CTE and i-Hub, KCG at Ahmedabad.



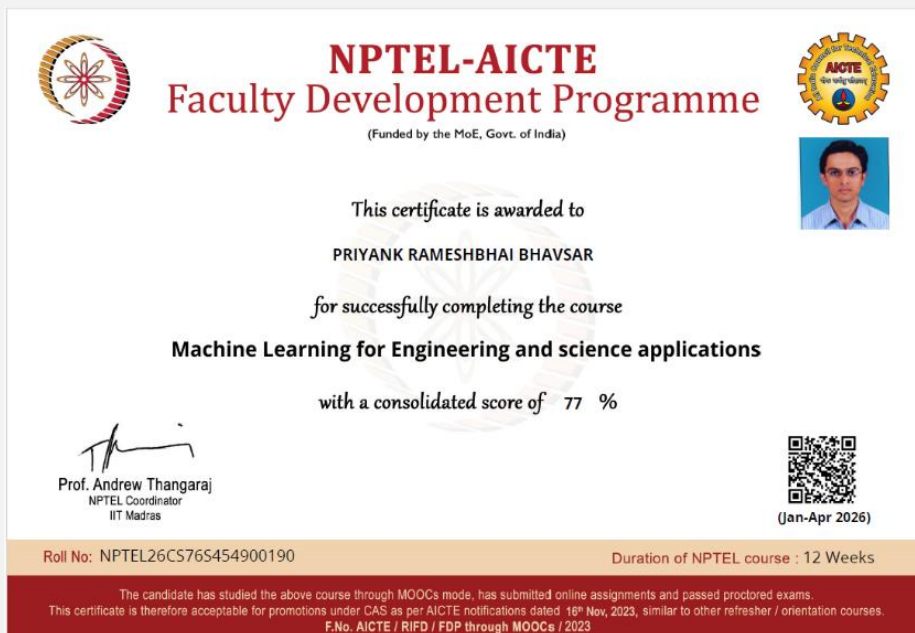
- **Prof. Ashok L. Vaghamshi** successfully completed one week training on "**Artificial Intelligence & Machine Learning Applications in Engineering - A journey towards smarter Solutions**" at GEC Surat during **01-06-2026 to 05-06-2026**.



- **Prof Mihir B. Chaudhari** successfully completed 12 week MOOC training on "**Memory Device Technology for AI-ML Computing**" by IIT Hyderabad during **9-01-2026 to 10-04-2026**.



- **Prof. Priyank Rameshbhai Bhavsar** successfully completed 12 week MOOC training on "Machine Learning for Engineering and science applications" by IIT Madras during 19-01-2026 to 10-04-2026.



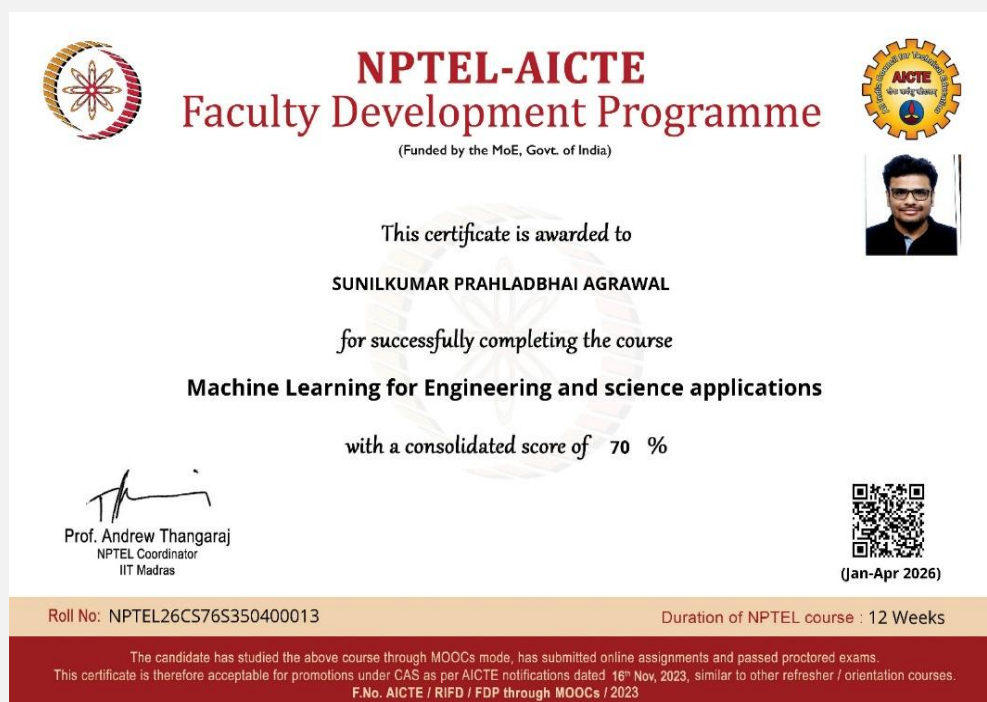
- **Prof. N. D. Patel** attended One Week FDP on “Artificial Intelligence Application in Power& Energy” during 09/03/2026 to 13/03/2026 at Electrical Engineering Department, L.D. College of Engineering, Ahmedabad.



- **Dr. Sunilkumar P. Agrawal** attended One Week FDP on “**Quantum Computing : Foundation to Future Avenues** ” during **19/01/2026 to 23/01/2026** Organized by CTE and GTERS at, L.D. College of Engineering, Ahmedabad.

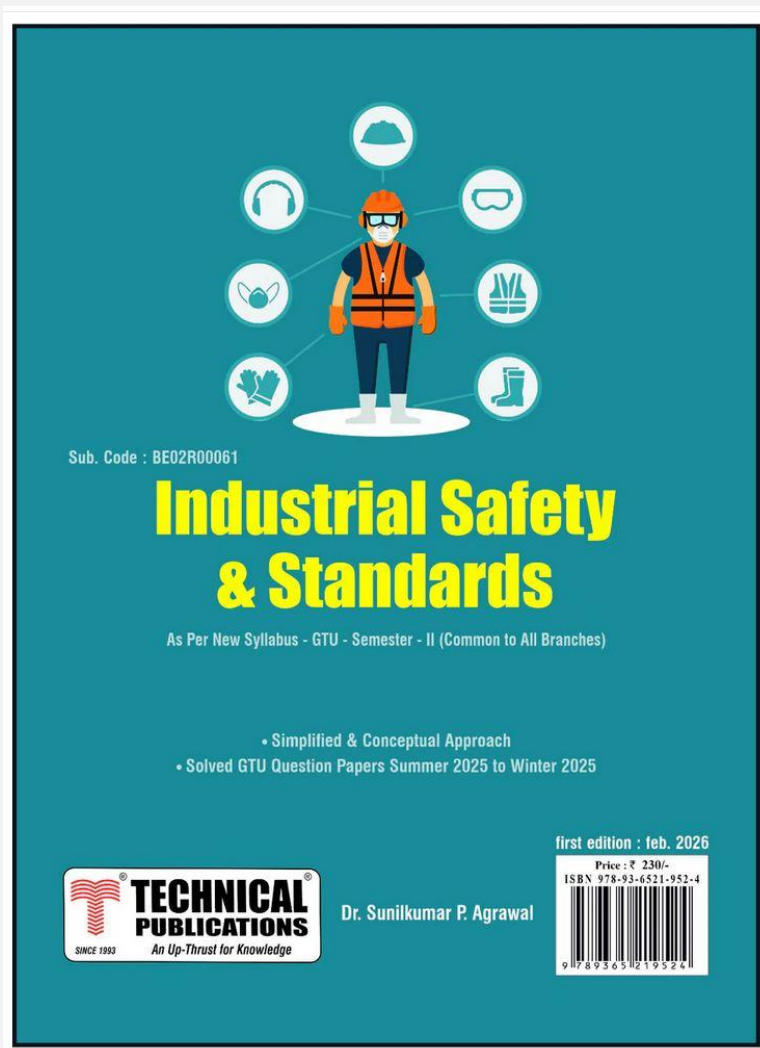


- **Dr. Sunilkumar P. Agrawal** successfully completed 12 week MOOC training on "Machine Learning for Engineering and science applications" by IIT Madras during **19-01-2026 to 10-04-2026**.



FACULTY BOOK PUBLICATION

- **Dr. Sunilkumar P. Agrawal's** book titled '**Industrial Safety & Standards**' for GTU 24 Course (II - Common - BE02R00061) has been published in the Technical Publication, Pune in **February 2026**.



CREATIVE CORNER



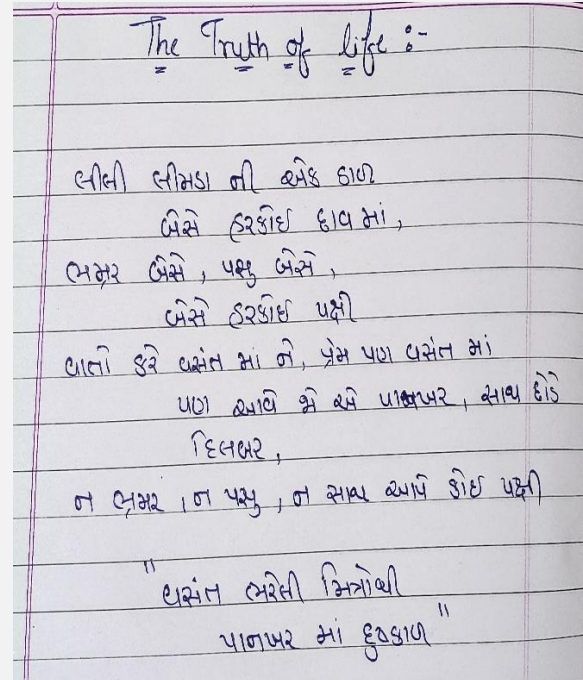
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KARTAVYA RAJANI-250130109020-EE-SEM-2



KARTAVYA RAJANI-250130109020-EE-SEM-2



PRINCE PATEL - 250130109046-EE-SEM-2

NEWSLETTER TEAM

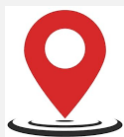
Supported by *Dr. Kunal A. Bhatt*
Head- Electrical Department

Chief Editor *Prof. N. D. Patel*

Executive Editor *Prof. A. L. Vaghamshi*

Advisor *Prof. J. A. Prajapati*
Prof. M. B. Chaudhari
Prof. P. R. Bhavsar
Prof. (Dr.) S. P. Agrawal

Student Team *Parth Kayada*
Rahul Khara
Diya Modi
Manav Patel



*Block-03, Government Engineering college,
sector-28, gandhinagar, Gujarat-382028*



head.ee@gecg28.ac.in



<https://www.gecg28.ac.in/dept/22>