



ELECTRICAL DEPARTMENT

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GOVERNMENT ENGINEERING COLLEGE, SECTOR-28, GANDHINAGAR NEWSLETTER-24/1(JANUARY TO JULY-2024)

PREFATORY NOTE

It gives us immense pleasure to introduce our inaugural edition of <u>"ElectrabuzZ (Use the electric currents to communicate the feelings)</u>" 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 our first issue as well as other upcoming issues will serve this purpose. We are thankful to faculties for their constant cooperation in bringing out the newsletter.

Dear faculty, staff & students,

"To those who see with loving eyes, life is beautiful. To those who speak with tender voices, life is peaceful. To those who help with gentle hands, life is full. And to those who care with compassionate hearts, life is good beyond all measure! "

I Dr. Sweta P. Dave as the Principal of the prestigious educational organization, Government Engineering college of Gandhinagar, with a compassionate heart Invites you to have an Initial peak of our organization's vision & values. Government Engineering College Gandhinagar primarily stands to nurture the shelved potential hidden in the young talent. We intend to provide a platform to the students to let out their creativity and channelize their knowledge and young inspirational energy.

At GEC Gandhinagar, the joyful experience of academics and the energetic bursts of co-curricular activities Integrate to create an all-round experience for fellow students and attendees. Our highly qualified faculties and management makes sure our fellow students become capable to stand out of the competition in the outside world.

GEC Gandhinagar brings a holistic academic as well as a practical approach for the students to become compatible and knowledgeable to the market needs. And we believe In this statement a lot, our faculties are well qualified and trained to deliver the knowledge in a playful form and not letting students just to mug up.

At last, I want to convey that we focus on the overall development of our students. We also look after the staff members and the college resources to provide students with the highest quality of academics value. I will heartily invite you to join our prestigious organization and become part of our family.

H. O. D.'s Message



Prof. Suresh R. Sharda Head of Electrical Engineering department

I am happy to note that our Electrical Engineering department is releasing its first Newsletter from 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.

HIGHLIGHTS OF THIS EDITION

| Departmer | <u>nt Zone</u> | |
|------------------|--|----|
| | Faculty Detail | 6 |
| | Department Activity | 8 |
| Student Zo | one | |
| | Top 5 Students of Electrical Engineering | 9 |
| | (1st Semester-23 Entry) Student's Achievement | 10 |
| | Student's participation | 12 |
| Faculty Zo | <u>ne</u> | |
| | Faculty-Training | 15 |
| | Faculty - NPTEL toppers | 17 |
| | Faculty-Industrial training | 18 |
| Creativity Zone | | |

DEPARTMENT ZONE

FACULTY DETAIL



HOD Prof. Suresh. R. Sharda M.E. (ELECTRICAL ENGINEERING) Experience: 25 Years

Prof. Jignasha A. Prajapati M.E. (ELECTRICAL ENGINEERING) Experience: 17 Years





Prof. Ashok L. Vaghamshi M.E. (ELECTRICAL ENGINEERING) Experience: 14 Years

Prof. Mihir B. Chaudhari M. Tech. (ELECTRICAL ENGINEERING) Experience: 15 Years





Prof. Priyank R. Bhavsar M.E. (ELECTRICAL ENGINEERING) Experience: 16 Years

Prof. Nirav D. Patel M. Tech. (ELECTRICAL ENGINEERING) Experience: 18 Years





Prof. (Dr.) Sunil P. Agrawal Ph. D. (ELECTRICAL ENGINEERING) Experience: 11 Years

DEPARTMENT ACTIVITY

Technical Visit

Department of Electrical Engineering, Government Engineering College, Gandhinagar organized a one day technical visit at Thermal Power Station, Gandhinagar on 1st May, 2024. Students gained knowledge about different stages of coal based power generation. They visited the coal handling plant, boiler Section, turbine & alternator section, battery room, control room, cooling towers and substation.



STUDENT ZONE

Top 5 Students of Electrical Engineering

(1st Semester-23 Entry)

| 230130109022 | Khara Rahul Baidyanath | 7.89 | the second s |
|--------------|---------------------------------|------|--|
| 230130109057 | Sagar Arjun Hirabhai | 7.74 | |
| 230130109037 | Parth Kayada | 7.68 | |
| 230130109055 | Rawat Devanshi Devendrasingh | 7.58 | |
| 230130109015 | Gunanjay Shrivastava | 7.37 | |

Page 9

STUDENT ZONE

Student's Achievement Winners at other Universities/Colleges



First year student of Electrical Engineering department Mr. Mahaveersinh Rathod Won the 3rd Prize in "X-BRAIN WAR" at LDRP Institute of Technology and Research, Gandhinagar.

First year student of Electrical Engineering department Mr. Parth Rawat Won the 3rd Prize in "X-BRAIN WAR" at LDRP Institute of Technology and Research, Gandhinagar.





First year student of Electrical Engineering department Mr. Rahul Khara Has secured 2nd position in "TRIVENI 2024" at L. D. College of Engineering, Ahmedabad.

Student's Achievement Winners at the institute level

First year student of Electrical Engineering department Mr. Deep Vishal Kumar Shah hassecured 2nd position inelocution competition. The event was held at Government Engineering College, Sector 28, as part of the AzadiKaAmritMahotsav celebrations.



First year student of Electrical Engineering department Mr. Patel KrishSamirbhai hassecured 3rd position inelocution competition. The event was held at Government Engineering College, Sector 28, as part of the AzadiKaAmritMahotsav celebrations.





Student's participation in different events at other universities



















ElectrabuzZ-24í

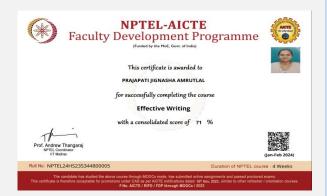




FACULTY ZONE

FACULTY TRAINING

Prof. J. A. Prajapati successfully completed a one week FDP course on "Interwoven Intelligence" during 29th Jan 2024 to 03rd February 2024.



Prof. J. A. Prajapati successfully completed a 12 week online NPTEL-MOOC course on "Smart Grid: Basics to Advanced Technologies" during 22nd Jan 2024 to 12th Apríl 2024.





Prof. J. A. Prajapati successfully completed a 4 week online NPTEL-MOOC course on "Effective Writing" during 22nd Jan 2024 to 16th February 2024.



Prof. A. L. Vaghamshi successfully completed a 12 week online NPTEL-MOOC course on "Smart Grid: Basics to Advanced Technologies" during 22nd Jan 2024 to 12th

Prof. A. L. Vaghamshi successfully completed a 4 week online NPTEL-MOOC course on "Effective Engineering Teaching in Practice" during 22nd Jan 2024 to 16th February 2024.



Prof. M.B.Chaudharí successfully completed a 4 week online NPTEL-MOOC course on "Effective Engineering Teaching in Practice" during 22nd Jan 2024 to 16th February 2024.





Prof. S. P. Agrawal successfully completed a 4 week online NPTEL-MOOC course on "Effective Engineering Teaching in Practice" during 22nd Jan 2024 to 16th February 2024.



Prof. N.D.Patel successfully completed a 4 week online NPTEL-MOOC course on "Effective Engineering Teaching in Practice" during 22nd Jan 2024 to 16th February 2024.

FACULTY - NPTEL TOPPERS



Prof. M.B.Chaudhari is a Topper of NPTEL-MOOC course on "Effective Engineering Teaching in Practice" with Silver Elite Certificate.

Prof. A. L. Vaghamshi is a **Topper** of NPTEL-MOOC course on "Smart Grid: Basics to Advanced Technologies" with **Silver Elite Certificate**.





Prof. J. A. Prajapati is a **Topper** of NPTEL-MOOC course on "Smart Grid: Basics to Advanced Technologies" with **Silver Elite Certificate.**

FACULTY INDUSTRIAL TRAINING

Prof. A. L. Vaghamshi, Prof. M.B.Chaudhari, Prof. P. R. Bhavsar and Prof. N.D.Patel have successfully completed 2 week Industrial Training on "Photo Voltaic System Manufacturing and Testing" at Australian Premium Solar (India) Pvt. Ltd., Tajpur, Prantij, Sabarkantha, Gujarat

from 18th June 2024 to 29th June 2024.







Certificate

This in a centify that Prot. CHAOMARI MHIRKUMAR BALDEVBHAI Ansistan pollowin in Electrical Engineering Daysemon, Overensen Engineering Calago, Ganthagar Inseancestadig complexed TWO-WEEK INDUSTRIAL TRAINING

Gesoral Statioger Australian Pressians Solar (India) Ltd. Date: 29th June, 2024

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Certificate

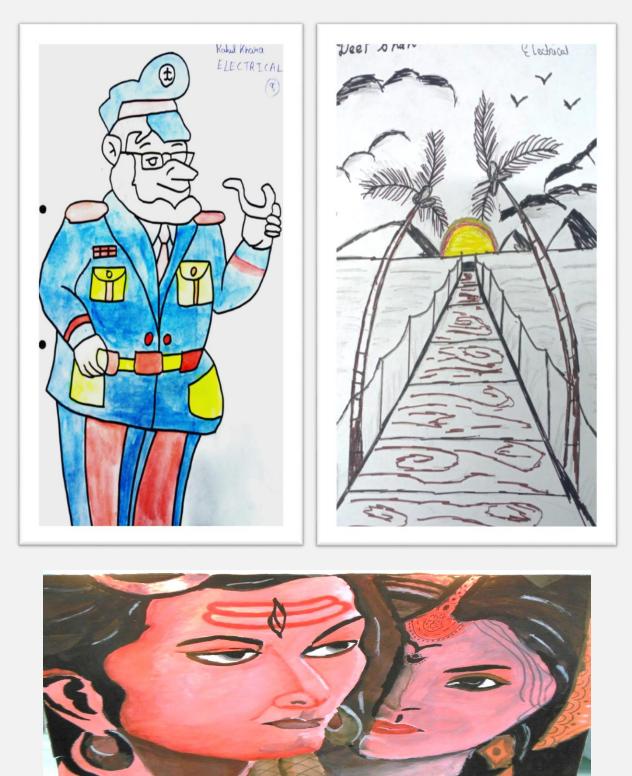
This is to certify that Prof. PATEL NIRAVKUMAR DAHYABHAI Assistati professor in Electrical Engineering Department, Government Engineering Cullege, Gaulhinggar Instructures fully employed TWO-WEEK INDUSTRIAL TRAINING

et Australian Premium Solor (India) Ltd. (ISO 3001;2015) From Jane 18, 2024 to Jane 28, 2024. He was found to be since and regular during the training. The common wince from the hear vision of a bit meaning.

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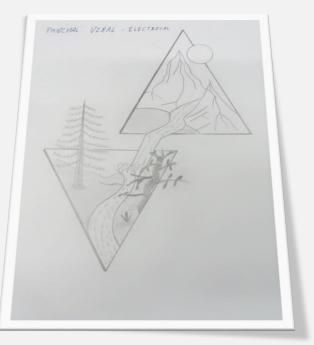


CREATIVITY CORNER-DRAWINGS



CREATIVITY CORNER-SKETCHES









CREATIVITY CORNER-POETRY

<u> ઝરમર વરસાદ</u>

હા, ઝરમર વરસાદની મોસમ આવી ગઈ, વરસતા વરસાદની બુંદો, તરસતી ધરતીને ભીંજવી ગઈ. ભીના પવનના ઝોકાથી, પાંદડાંએ કર્યું નૃત્ય શરૂ, વનરાજીના ગાનમાં, પંખીઓએ મધુર સંગીત ગુંજવી દીધું. કાળા ડીબાંગ વાદળો ઘેરાયાં, હવા સૂંઓ-સૂંઓ કરે, મહેકતી ધરતીને જાણે ઝરમર હૂંફ આપી દીધી. નદીના તરંગોમાં, ઉભરાય છે યાદો બાળપણની, મંડળીની રમતમાં, ફરીથી, હાસ્યની બુંદો વરસી ગઈ! હા, પળ ભરમાં પલટાઈ જતું આ મૌસમ છે. બસ, વરસાદની પેઠે, દિલને વ્હાલનો રંગ ભીંજવી ગયો!

<u>Be an Arjuna</u>

Dedicated to Engineering Students

With making pen and pencils as a weapon to be an Arjuna With eagerness to know new inventions to be an Arjuna With asking questions during learning to be an Arjuna With questioning form the answers to be an Arjuna With following the guide like a lord Krishna to be an Arjuna With being alert in life and engineering exams to be an Arjuna With being aware of every moment of life to be an Arjuna

Prof. Ashok Vaghamshi

GLIMPSE OF EVENTS FOR

GAINING SOMETHING BEYOND THE SYLLABUS





Startup Conclaveat Helipad ground, Gandhinagar

India's First Fab facility in Dholera, Gujarat



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Kíshan Bamta

9

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