



# NEWSLETTER



## ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

JULY-DECEMBER 2022

ISSUE VI

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# HOD's MESSAGE



## **“Happy New Year 2023”**

**On behalf of Electronics & Communication Engineering Department - GEC, Gandhinagar, I wish you all Happy and Prosperous New Year!**

**It is my pleasure to connect with all of you while presenting the newsletter of the E & C Department (July-December 2022) from the desk of the HoD-E&C. The sixth edition of our biannual newsletter, which briefly documents the highlights of our journey in last six months.**

**I express my heartfelt gratitude to all the stakeholders for joining us towards imparting quality education in the field of E&C Engineering and allied areas through various means of teaching-learning process. I am sure that with the wholehearted support of all our stakeholders, we will keep achieving the greater heights at our best. This Newsletter encapsulates all such moments to share with all my beloved stakeholders of E&C Department.**

**Keep that spirit of Teaching-Learning alive!**

**With best regards,  
Tejas B. Sheth  
Head of Department,  
E&C – GEC, Gandhinagar**



## VISION OF INSTITUTE

**To be a premier engineering institution, imparting quality education for innovative solutions relevant to society and environment.**

## MISSION OF INSTITUTE

- **To develop human potential to its fullest extent so that intellectual and innovative engineers can emerge in a wide range of professions.**
- **To advance knowledge and educate students in engineering and other areas of scholarship that will best serve the nation and the world in future.**
- **To produce quality engineers, entrepreneurs and leaders to meet the present and future needs of society as well as environment.**





## VISION OF DEPARTMENT

**To produce globally competitive and resourceful EC Engineers to bring out research, innovation and teamwork for development in various fields of Electronics and Communication Engineering.**

## MISSION OF DEPARTMENT

- **To impart quality education in the fields of Electronics and Communication Engineering through effective teaching-learning processes, well equipped laboratory facilities and collaborative ventures with industries.**
- **To provide the students of E&C engineering an environment of an academic freedom that will ensure the exchange of ideas and the dissemination of knowledge in this discipline.**
- **To provide the platform for students to perform the project work related to industrial and societal requirements.**



## **PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

- **To prepare graduates to excel in postgraduate programmes or pursue higher studies or to succeed in industry / technical profession through global, rigorous education.**
- **To train graduates with good scientific and engineering breadth so as to comprehend, analyze, design, and create novel products and solutions for the real life problems.**
- **To inculcate in graduates professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context.**

## **PROGRAM SPECIFIC OUTCOMES (PSOs)**

- **The ability to implement and apply knowledge of Electronics and Communication Engineering subjects in the analysis, design and development of various types of electronic and communication systems.**
- **Demonstrate soft skills, aptitude, technical skills and knowledge to work in the industry, R and D organizations and society.**

# FACILITIES AT E&C DEPARTMENT

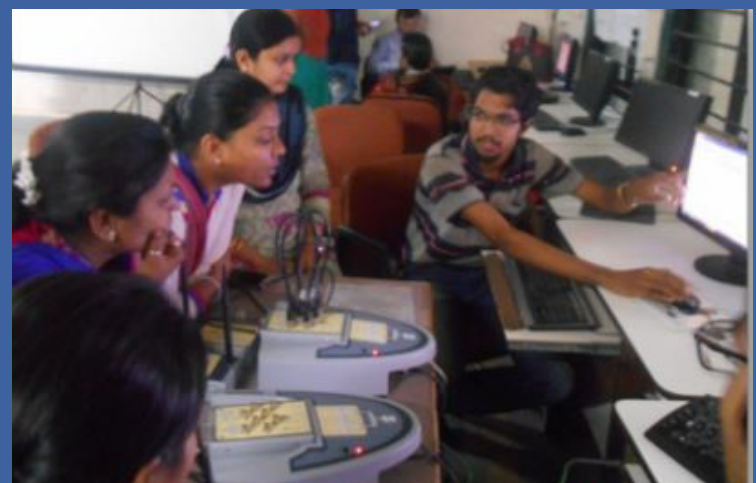
## Industrial Automation Lab

**This lab is used for the subjects like Industries Automation, Robotics and Automation, Biomedical Electronics, MEMS and Automotive Electronics.**



## Wireless Communication Lab

**Computer Center is fully configured with high performance computing facility. This lab is having facility like Wireless Communication Trainer boards.**



## Digital Communication Lab

Laboratory is fully equipped with basic electronics instruments like Digital Electronics Trainer kits, Electronic Workbench, Digital storage Oscilloscope, Cathode Ray Oscilloscope, Dual Regulated Power Supply, Function Generator.



## Circuits and Networks Lab

EC Department is equipped with state of the art machines as per university guidelines. Students can get improve their skills and practical knowledge.





## **Analog and Digital Communication Lab**

**Laboratory is fully equipped with instruments like Analog Communication Trainer Kits, Digital communication trainer Kits, Digitals Storage Oscilloscope, Cathode Ray Oscilloscope, Dual Regulated Power Supply, Function Generator.**

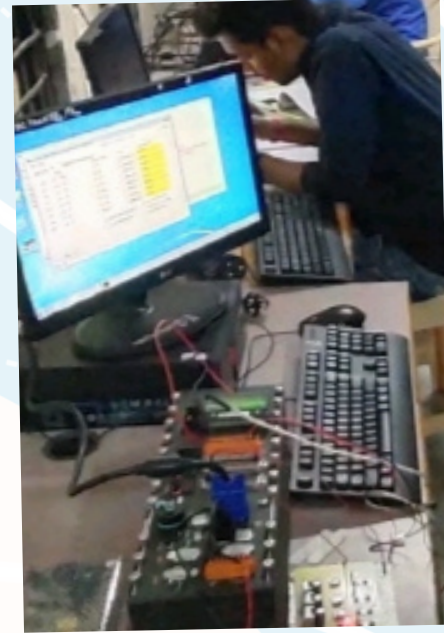


## **Analog Electronics Lab**

**Laboratory is fully equipped with basic electronics instruments like Analog Electronics trainer Kits, Analog Circuit Kit ,Digital Storage Oscilloscope, Cathode Ray Oscilloscope, Dual Regulated Power Supply, Arbitrary Generator.**



# Design Lab



## Repository of Design Lab:-



6 - Release of Design Lab flyer

Sr. No.	Equipments
1.	Wireless CCTV Camera System
2.	Compact Thermal Imaging System
3.	Mini/SFF PC
4.	Adapter
5.	DC Power supply
6.	Digital Multi-meter
7.	Routers
8.	Signal Processing Board
9.	Speed and Position Sensing
10.	Encoders
11.	Analog Discovery 2
12.	Arduino Starter Kit
13.	Solar Cells Indoors
14.	Solar Cells Outdoors
15.	ECG sensor
16.	PPG sensor
17.	Respiratory sensor
18.	Alcohol sensor
19.	EMG sensor
20.	Gyroscope
21.	Bluetooth Chip module
22.	PH sensor
23.	IR and Thermal sensor
24.	Load cell
25.	Magneto meter
26.	Fluid flow sensor
27.	Light sensor
28.	HYGRO sensor
29.	Programmable Humanoids



## Correspondence:

Prof.Devendra H.Patel  
Design Lab - Coordinator  
Asst. Professor, E&C Department.

## LOCATION :

Room No. 1101, First Floor  
Block No.-1, GEC,  
Gandhinagar

# e- Learning Resources

## PART-I E&C Magazines

1. <https://www.eetimes.com/>
2. <https://www.electronicsforu.com/>
3. <https://electronicsmaker.com/>
4. <https://www.electronicmedia.info/>
5. <https://www.electronics-today.co.uk/>
6. <https://www.electronicweekly.com/>
7. <https://www.fierceelectronics.com/>
8. <https://www.electronicproducts.com/>
9. <https://www.eletimes.com/>
10. <https://electronics-sourcing.com/>
11. <https://www.electronicsworld.co.uk/magazines/>
12. <https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7384>
13. <https://www.wnie.online/>
14. <https://www.electropages.com/>
15. <https://www.comsoc.org/publications/magazines/ieee-communicationsmagazine>
16. <https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=35>
17. <https://www.scimagojr.com/journalsearch.php?q=17249&tip=sid>
18. <https://www.embeddedforyou.com/contact>
19. <https://www.embedded.com/>
20. <https://www.digit.in/>

## PART-II E&C Journals

21. <https://www.mdpi.com/journal/electronics>
22. <https://www.tandfonline.com/journals/tetn20>
23. <https://www.springer.com/journal/11664/>
24. <https://journals.sagepub.com/>
25. <https://asmedigitalcollection.asme.org/>
26. <https://digital-library.theiet.org/content/journals/ecej>
27. <https://matjournals.com/Journal-of-Electronics-and-CommunicationSystems.html>

## PART-III E&C Online Courses

28. <https://onlinecourses.nptel.ac.in/>
29. <https://swayam.gov.in/>
30. <https://www.classle.net/>
31. <http://freevideolectures.com/blog/2010/11/130-nptel-iit-online-courses/>
32. [www.coursera.org](http://www.coursera.org)
33. [www.edx.org](http://www.edx.org)
34. [nkn.in](http://nkn.in)
35. [vlab.co.in](http://vlab.co.in)
36. [learnerstv.com](http://learnerstv.com)
37. <http://paniit.iitd.ac.in/indest/>

## PART-IV E&C Open Source Software

38. Sci-Lab for Software practice
39. Qucs for Circuit Analysis and PCB layout
40. KiCAD EDA for Circuit Analysis and Layout
41. SimulIDE for Arduino Kit
42. Octave for Mathematical Analysis
43. FreeMat
44. Python
45. gEDAMOD
46. NgSpice
47. Logisim
48. OpenCV
49. PIC SimLAB
50. GNU 8085 Simulator
51. GHDL – A VHDL Simulator
52. AVR Universal Bootloader
53. Simutron
54. LCSIM
55. Advanced HMI
56. ModRSSim2
57. Mod Bus Simulator
58. LiveGraph
59. <https://sourceforge.net> (Open Source Software download site)

## PART-V Other Learning Resource:

60. <https://ccl.iitgn.ac.in/eklavya>
61. <https://tinyurl.com/3030eklavyaepisodes>



# Open Educational Resources\*

1. **Commonwealth of Learning (COL):** Online micro courses platform for different courses. URL: <https://colco1ynnonns.or12/>
2. **British Columbia Open Text Book Project:** The 13 C Open Collection by B Campus is a curated selection of open educational resources(OER) that can be accessed by educators in B.C. and beyond to use in the classroom, in an institutional learning management system, or on other teaching and learning platforms. URL: <https://collection.bccampus.ca/>
3. **Rice University Open Stax:** This OER is a part of Rice University with the mission to improve educational access and learning for everyone. Openly licensed books, developing and improving research-based courseware, establishing partnerships with educational resource companies, and more are part of it. URL: <https://opcnsa.oru/>
4. **e-Campus Ontario:** It is a provincially-funded non-profit organization that leads a consortium of the province's publicly-funded colleges, universities and indigenous institutes to develop and test online learning tools to advance the use of education technology and digital learning environments. URL: <https://www.ecampusontario.ca/>
5. **Skills Commons:** This OER is to accelerate the democratization of education for all through open educational services and resources enabling individuals, communities, educational institutions, organizations, and businesses to prepare people for successful employment in the 21st Century. URL: <https://www.skillscommons.org/>
6. **Libre Texts:** The objective of this platform is to unite students, faculty and scholars in a cooperative effort to develop an easy-to-use online platform for the construction, customization, and dissemination of open educational resources (OER) to reduce the burdens of unreasonable textbook costs to our students and society. URL: <https://librctexts.org/>
7. **Saylor Academy:** It offers free and open online courses to all who want to learn. There are nearly 100 full-length courses at the college and professional levels, each built by subject matter experts. All courses are available to complete at your pace, on your schedule, and free of cost. URL: <https://www.saylor.org/>

\*Ref.:

E-mail received from AICTE No./FDC/DIR(PS)/MISC./01 /2022-23

# FACULTY OF EC DEPT.



PROF. TEJAS B. SHETH  
HEAD OF THE DEPARTMENT  
QUALIFICATION: ME  
EXPERIENCE: 18 YEARS



PROF. JIGNESH K. BHAVSAR  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 12 YEARS



DR. AVANI A. VITHALANI  
ASSISTANT PROFESSOR  
QUALIFICATION: PHD  
EXPERIENCE: 13 YEARS



PROF. SUHAS H. PATEL  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 13 YEARS



PROF. KALPESH K. PATEL  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 12 YEARS

PROF. DEVENDRA H. PATEL  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 11 YEARS



PROF. NILESHKUMAR M. BANKAR  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 12 YEARS



PROF. NIRAJ K CHAUDHARI  
ASSISTANT PROFESSOR  
QUALIFICATION: M.E  
EXPERIENCE: 13 YEARS



DR. SHAHID S. MODASIYA  
ASSISTANT PROFESSOR  
QUALIFICATION: PHD  
EXPERIENCE: 13 YEARS



PROF. SANDIP J. DAWDA  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 14 YEARS



PROF. NISHA K. PRAJAPATI  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 11 YEARS





PROF. HIMANSHUKUMAR NAYAK  
ASSISTANT PROFESSOR  
QUALIFICATION: M.E  
EXPERIENCE: 15 YEARS



PROF. SANDEEP J. RAJPUT  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 4 YEARS



PROF. UJJVAL R. DAVE  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 5 YEARS



PROF. POOJA GAJJAR  
ASSISTANT PROFESSOR  
QUALIFICATION: M.E  
EXPERIENCE: 10 YEARS



PROF. HINA K. PATEL  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 14 YEARS



PROF. NEETIRAJ SINH CHHASATIA  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 9 YEARS



DR. PURVI KORINGA  
ASSISTANT PROFESSOR  
QUALIFICATION: PHD  
EXPERIENCE: 8 YEARS



PROF. RAJAT PANDEY  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 7 YEARS



PROF. RAVI BUTANI  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 10 YEARS



PROF. NISARG BHATT  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 8 YEARS



PROF. NEHAL SHYAL  
ASSISTANT PROFESSOR  
QUALIFICATION: ME  
EXPERIENCE: 8 YEARS



SHRI B. K. PARMAR  
INSTRUCTOR



# E&C Department Activities

## Industrial Visit

**Students from the 5th semester of EC branch had an industrial Visit at “Greenfield Control System (I) Pvt Ltd, Industrial Machinery Manufacturing Unit” on August 25, 2022. In total 85 students have participated in this where**

**Students’ major takeaway from this visit was practical knowledge about the advancement in technology of machines and the role of programmers in hardware industries.**





# Alumni Meet

The Electronics and Communication Department had organized an alumnus meeting followed by cultural event for all batches on 01st October 2022, Saturday. The alumni expert session was compered by Prof. Rajat Pandey. In total 56 students participated in this event.



Government Engineering College - Gandhinagar  
EC Branch Organizing  
**Alumni Meet 2022**

**Speakers:**

- Speaker: Madansingh Sisodia (2012), AGM Projects, Cadila Pharmaceuticals
- Speaker: Shrey Panchal (2021), Founder and CEO, Tesseract Technolabs Pvt Ltd
- Speaker: Miran Kadri (2021), Techinal Head (VP), Tesseract Technolabs Pvt Ltd

**01<sup>st</sup> October 2022 (Saturday)**

**Expert Session: 11.30 am to 1.30 pm**  
**Cultural Event: 4.00 pm to 7.00 pm**

**Patron:** Dr. Sweta Dave, Principal

**Convener:** Prof. T. B. Sheth, H.O.D (E.C)

**Chairman:** Dr. I.B. Dave, Alumni Association

**Member Secretary:** Prof. K.C. Dave, Alumni Association



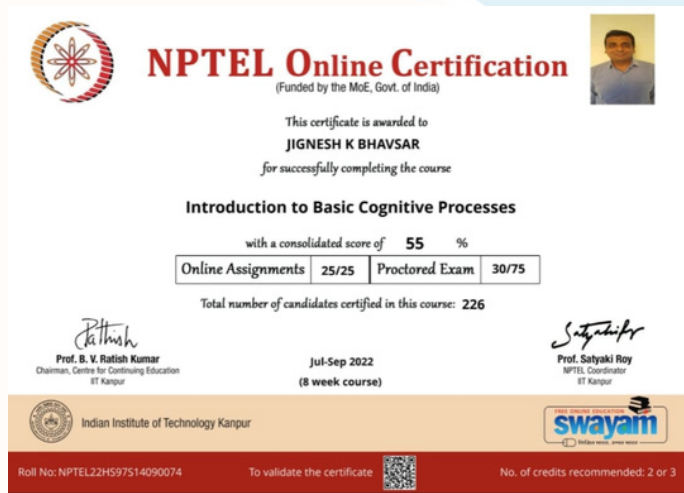
# Teacher's Day Celebration

**Students of EC Department celebrated Teacher's Day on 5th September 2022 and took lectures on various courses. They had also prepared poems and speeches for the faculty.**



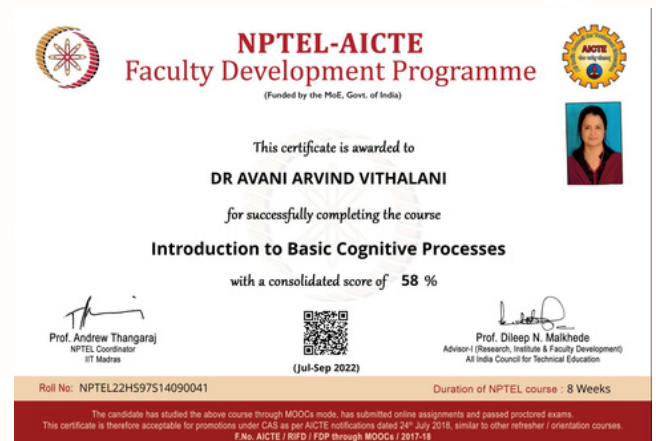


# Faculty Achievement



**Prof. Jignesh K Bhavsar** has successfully completed the course on Introduction to Basic Cognitive Processes.

**Dr. Avani Vithalani** has successfully completed the course on Introduction to Cognitive Process.



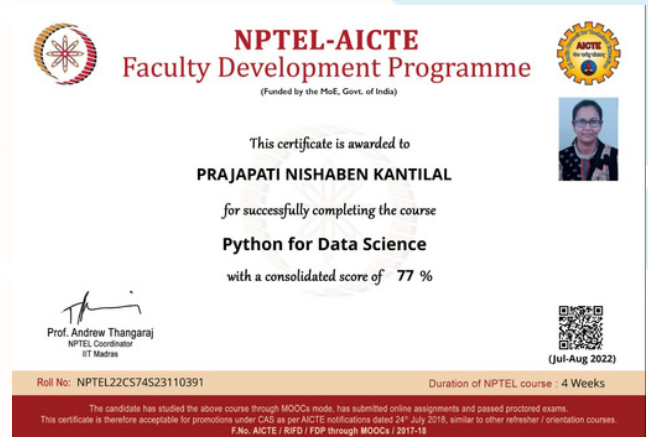
**Prof. Suhasbhai H. Patel** has actively participated in GUJCOST sponsored and DTE approved Two week training.





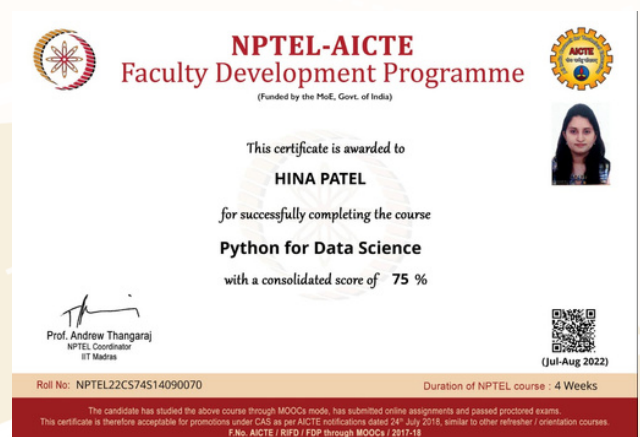
**Dr. Shahid. S. Modasiya**  
has successfully completed the  
course on **Introduction to Basic  
Cognitive Process.**

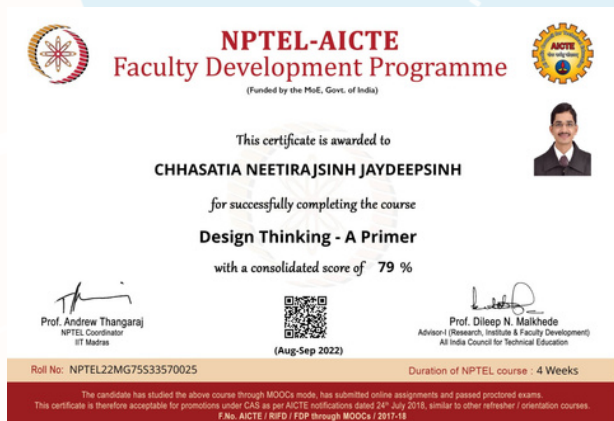
**Prof. Nisha Prajapati**  
has successfully completed  
the course on **Python for  
Data Science.**



**Prof. Sandeep J. Rajput**  
has successfully completed the  
course on **Introduction to Basic  
Cognitive Process.**

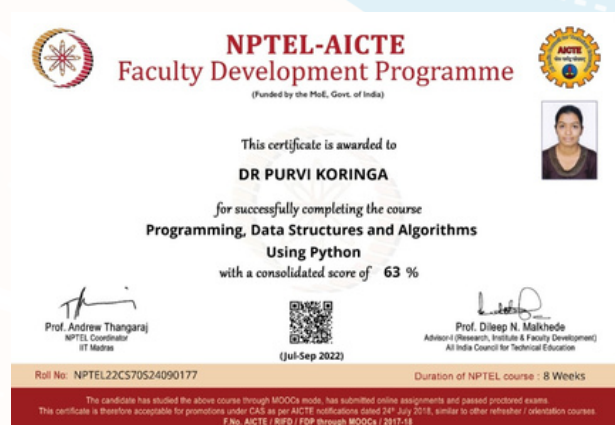
**Prof. Hina Patel**  
has successfully completed  
the course on **Python for  
Data Science.**





**Prof. N. J. Chhasatia**  
has successfully completed  
the course on **Design  
Thinking-A Primer.**

**Dr. Purvi Koringa**  
has successfully completed  
the course on **Programming,  
Data Structure and  
Algorithms.**



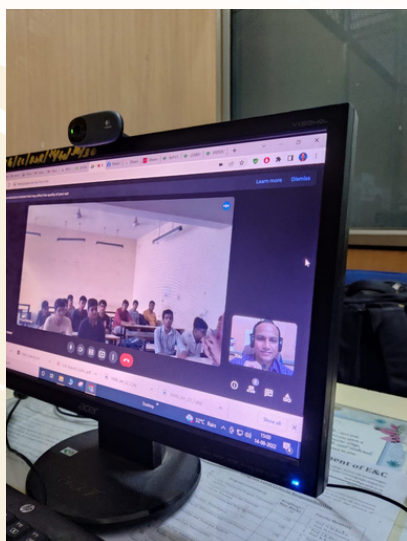
**Prof. Rajat G. Pandey**  
has successfully completed his short term  
induction training program conducted by  
**NITTTR Bhopal.**



## EXPERT TALK:

**Prof. N.M.Banker** delivered an Expert  
talk to first year EC student of L.D.C.E,  
Ahemdabad on 14th september-2022.

**Dr. S. S. Modasiya** delivered an Expert  
talk in HNGU PATAN physics dept. on  
16th JULY 2022.





# Note worthy achievement



## Best Paper Award

HOD of EC Dept., **Prof. Tejas B. Seth** has received **BEST PAPER AWARD** for the Research Paper on Deep Learning for Classification of Blood stains in Hyperspectral Images (PCP361) at 2nd Multi-Disciplinary International Conference GTU ICON 2022 in the Engineering Theme: Emerging Trends in Engineering & Technology Organized by Graduate School of Engineering & Technology, Gujarat Technological University.



# Paper Publication

## Prof. TejasKumar B. Sheth

has published and presented the research paper titled "Deep Learning for Classification of Blood stains in Hyperspectral Images (PCP361)" at 2nd Multi-Disciplinary International Conference GTU ICON 2022.



## Prof. N M Banker

has published and presented the research paper titled "A Comprehensive Review on Radio Resource Management in 5G Heterogeneous Networks: In Context of Interference, Spectrum Efficient and Energy Efficient" at 2nd Multi-Disciplinary conference GTU ICON 2022.



## Prof. Sandip J. Dawda

has published and presented the research paper titled "Recent Trends in Digital Video Broadcasting: A Survey" at 2nd Multi-Disciplinary conference GTU ICON 2022.

# E&C Placements

The Training and Placement cell continuously explores different areas of opportunities for placement. The department T&P team maintains liaison with industries for various training programs for students. Due to strong liaisoning with industries, our students are at many well-known companies.

Highest Package  
offered:

**6 LPA**

Average Package  
offered:

**4.2 LPA**

## Our major recruiters:



adani

infer



TatvaSoft  
sculpting thoughts...

argusoft  
Quality On Time

phenon.io  
AUTOMATING COMMUNICATION



SIMFORM

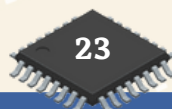
LA NET TEAM

SLTL  
Group

eInfochips  
An Arrow Company

Softnautics

PRONESIS  
TECHNOLOGY GROUP



# Placements 2022



**Dhruv Patel**

- Enrollment: 190130111099
- Company Name : LaNet Team Solutions, Surat
- Package: 3.6 – 5.04 LPA



**Bhalani Dharmesh  
Popatbhai**

- Enrollment: 190130111029
- Company Name : LaNet Team Solutions, Surat
- Package: 3.6 – 5.04 LPA



**Muzammil Hasan**

- Enrollment: 190130111083
- Company Name : LaNet Team Solutions, Surat
- Package: 3.6 – 5.04 LPA



**Pankti  
Bhagyeshhkumar  
Chauhan**

- Enrollment: 190130111036
- Company Name : LaNet Team Solutions, Surat
- Package: 3.6 – 5.04 LPA





## Krunal Pradipkumar Panjabi

- Enrollment: 190130111093
- Company Name : Tatvasoft, Ahmedabad
- Package: 4.32 – 4.8 LPA



## Vaghela Janviba Harsihchandarsinh

- Enrollment: 190130111018
- Company Name : Pronesis Technologies, Ahmedabad
- Package: 4 LPA



## Nakum Neerkumar Madhavjibhai

- Enrollment: 200130111516
- Company Name : Arastu Systems, Ahmedabad
- Package: 4.22 LPA



## Anuraag Pal

- Enrollment: 190130111026
- Company Name : Arastu Systems, Ahmedabad
- Package: 4.22 LPA



## Umesh Vadhiya

- Enrollment: 190130111014
- Company Name : Simform Software LLC, Ahmedabad
- Package: 4.8 LPA



## Pankaj Pal

- Enrollment: 190130111089
- Company Name : Simform Software LLC, Ahmedabad
- Package: 4.8 LPA



## Matariya Ankur Rajeshbhai

- Enrollment: 190130111079
- Company Name : E-infochips, Ahmedabad
- Package: 4 LPA



## Deepak Kumar Yadav

- Enrollment: 190130111042
- Company Name : E-infochips, Ahmedabad
- Package: 4 LPA



## Rushabh Pankaj Chauhan

- Enrollment: 190130111037
- Company Name : E-infochips, Ahmedabad
- Package: 4 LPA



## Maniyar Dhrumil Hetalkumar

- Enrollment: 190130111077
- Company Name : E-infochips, Ahmedabad
- Package: 4 LPA



## Palak Gulabbhai Chaudhary

- Enrollment: 190130111034
- Company Name : Softnautics, Ahmedabad
- Package: 4 LPA



## Purohit Dhvani

- Enrollment: 190130111130
- Company Name : Tata Consultancy Services
- Package: 3.36 LPA



## Aditi Somendrakumar Pandey

- Enrollment: 190130111091
- Company Name : Tata Consultancy Services
- Package: 3.36 LPA



## Steve Jacob Jebu

- Enrollment: 190130111154
- Company Name : Tata Consultancy Services
- Package: 3.36 LPA



## Parmar Dharmesh Jigneshbhai

- Enrollment: 200130111508
- Company Name : Monarch Innovation Ahmedabad
- Package: 4 LPA



## Kaushal Pradyumna Tiwari

- Enrollment: 190130111011
- Company Name : Monarch Innovation Ahmedabad
- Package: 4 LPA



## Rathor Ajay Jagdishbhai

- Enrollment: 200130111507
- Company Name : Sahajanand Laser Technology, Gandhinagar
- Package: 1.8 – 2.4 LPA





### Umeshkumar Gopalbhai Shah

- Enrollment: 190130111143
- Company Name : LaNet Team Solutions, Surat
- Package: 3.6 – 5.04 LPA



### Barot Jaynikumar R.

- Enrollment: 200130111524
- Company Name : Sahajanand Laser Technology, Gandhinagar
- Package: 1.8 – 2.4 LPA



### Sahani Krishnakumar

- Enrollment: 200130111537
- Company Name : Sahajanand Laser Technology, Gandhinagar
- Package: 1.8 – 2.4 LPA



### Soni Parth Swapnesh

- Enrollment: 190130111153
- Company Name : Sahajanand Laser Technology, Gandhinagar
- Package: 1.8 – 2.4 LPA



### Mishra Piyush Arvind

- Enrollment: 190130111080
- Company Name : Sahajanand Laser Technology, Gandhinagar
- Package: 2.5 – 5 LPA



### Aakruti Kamlesh Saini

- Enrollment: 190130111138
- Company Name : Sahajanand Laser Technology, Gandhinagar
- Package: 2.5 – 5 LPA

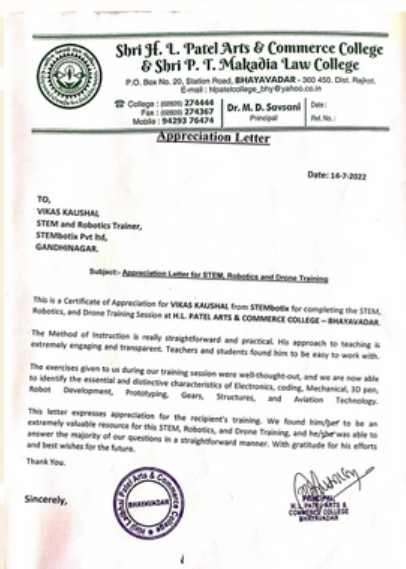
# E&C Student's Achievement

**Shubham Gupta (190130111055)**  
has successfully completed the course  
of Machine Learning Specialization.



**Stuti A. Patel (200130111044)**  
has successfully completed E-Quiz on  
General Knowledge with passing  
score of 100%.

**Vikas Kaushal (190130111065)**  
has successfully cleared  
assessment for the role of CNSS-  
Entry level.

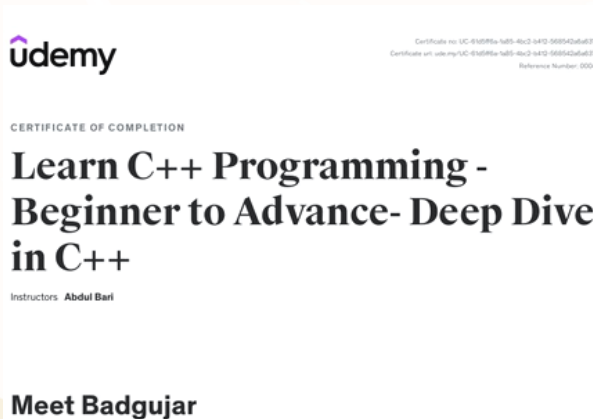


**Vikas Kaushal (190130111065)**  
has received an appreciation  
letter for STEM, Robotics and  
Drone training



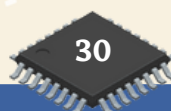
**Deepak Yadav (190130111042)**  
has Successfully Completed the  
Certification Program in Data Science  
offered by The Digital Adda.

**Faizan Chundarigar  
(210130111062)**  
has successfully completed the  
course of MATLAB.



**Meet Badgujar (210130111078)**  
has successfully completed the course  
of C++ Programming- Beginner to  
Advance.

**Nirva Sachaniya (210130111080)**  
has successfully secured 2nd position  
in Path-Finder event in GTU  
TECHFEST 2022.





- **Students Noteworthy Achievements:**

## HACKATHON 2022



**Team Name : THE CRUSADERS**

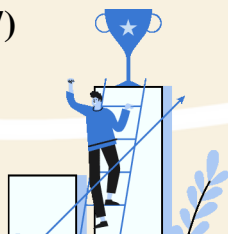
**Selected for Final Round**

*The students of EC department have participated in HACKATHON of SSIP. It was a Regional Round of **AZADI KA AMRUT MOHOTSAV HACKATHON 2022** where they were given certificates for making a CES Web Application for case management. The event held on 7th and 8th October in International Automobile Centre of Excellence, Gandhinagar.*

### TEAM MEMBERS:

DABHI BRIJESH PRATAPBHAI (Sem:7)  
PATEL KRUTIK VASANTBHAI (Sem:7)  
VADHIYA UMESHKUMAR  
VARAJANGBHAI (Sem:7)  
PARMAR RAHUL NAROTTAMBHAI  
(Sem:7)

CHAUHAN PANKTI BHAGYESHKUMAR  
(Sem:7)  
SOLANKI DRAVIDKUMAR SUKHABHA  
(Sem:7)  
JASANI VIDHI ASHOKBHAI (Sem:7)  
NAVARNGANI KAILASH  
THAKURDAS (Sem:7)



# HACKATHON 2022



*The students of EC department have participated in **AZADI KA AMRUT MOHOTSAV HACKATHON 2022** closing ceremony where they were given certificates for making a website on Women Welfare Schemes. The event held on 7th and 8th October in International Automobile Centre of Excellence, Gandhinagar.*

## TEAM MEMBERS:

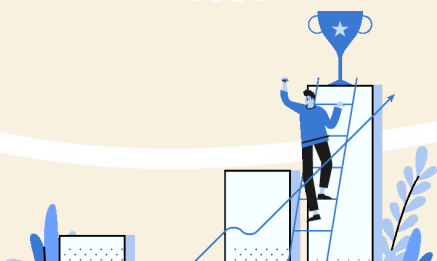
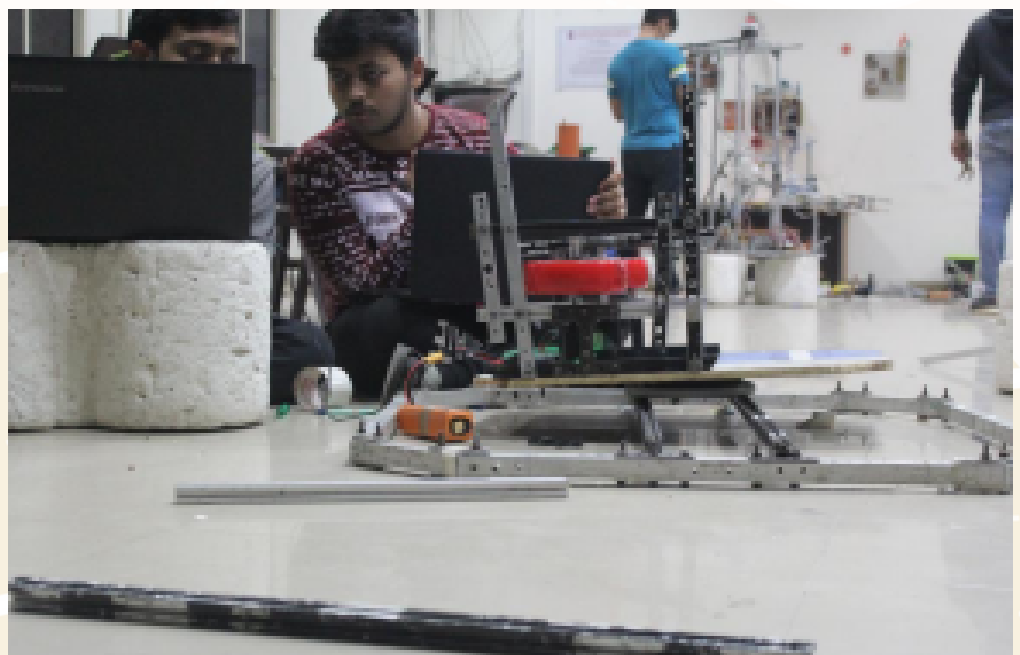
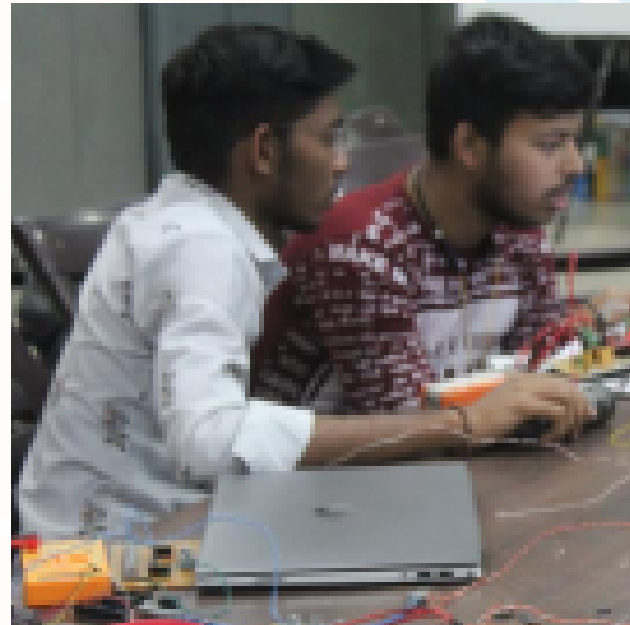
AVINASH TANTI (SEM 3)  
ADRIJA CHOUDHARY (SEM 3)

OM MAKWANA (SEM 3)  
NAVIN RAWAT (SEM 3)



## DD ROBOCON 2022

*RISHI MEHTA (200130111017) has been working as a circuitry member at the **GTU Robotics Club** since 01/08/2021 and has participated in multiple events and competitions including the **DD Robocon 2022** at IIT Delhi. He has also participated in events like Awareness Seminars, Outreach programs and other events like E-yantra.*





# GOOGLE Summer of Code (GSoC)

**SHRESHTHA MODI** of SEM-7 (Enroll No. 190130111081) got selected in **GOOGLE Summer of Code** being a GSoC contributor.



## Google Summer of Code

Google Summer of Code is a global program focused on bringing more developers into open source software development.

 [withgoogle.com](https://withgoogle.com)

Contributor

Shreshtha Modi

US Census 2020

Mentors

Neal Fultz, Zack Almquist

Organization

R project for statistical computing

Technologies

r

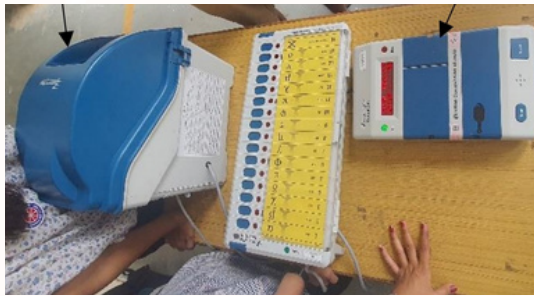
Topics

EC Sem-7 student SHRESHTHA MODI (Enroll No. 190130111081) got selected in Google Summer of Code being a GSoC contributor. Big congratulations to her & team EC too ! 🙌👍🌸

# Extra-curricular Activities

## Voter Awareness Campaign

During **Gujarat Vidhan Sabha Election-2022**, E&C Dept. have undergone many Electoral Awareness Activities to aware people about the importance of vote during the month of October-November 2022.



## EVM Demonstration

## Voter's Pledge



## Table Talk



## NOTA Sessions

## Painting



## Encouraging to vote

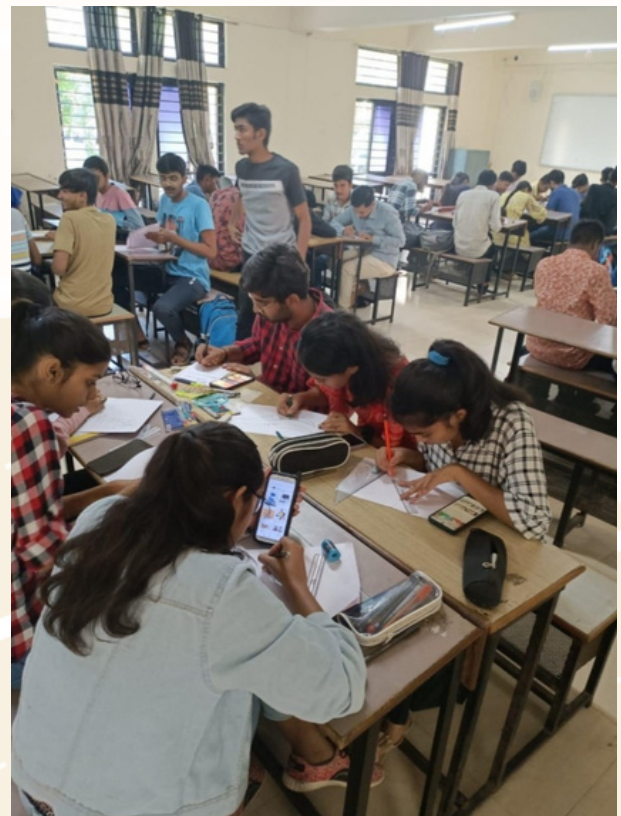
## Spreading Awareness in public





## Activity under electoral Literacy


Voting becomes instrumental in the development of a nation. The event is aimed at raising awareness among student.









# Har Ghar Tiranga

Under 75 years of Azadi ka Amrut Mahotsav, E&C Dept. took part in "**Har Ghar Tiranga**" campaign positively as on 8th August 2022.

**Government Engineering College, Gandhinagar** 

IS CELEBRATING

**Har Ghar Tiranga@GECGN**

राष्ट्रध्वज पर गीत गावानी स्पर्धा	पोस्टर प्रेजेंटेशन	"हर घर तिरंगा" : तिरंगा साथे झोटी अपलोड करवो
DATE: 05/08/22 11:00 AM VENUE: BLOCK 8	DATE: 08/08/22 11:00 AM VENUE: BLOCK 5	DATE: ON OR BEFORE 15/08/22
		
 <b>PATRON</b> DR. SWETA DAVE PRINCIPAL	TO REGISTER SCAN QR CODES OF RESPECTIVE EVENTS.	<b>ORGANIZED BY:</b> GYMKHANA TEAM NSS TEAM





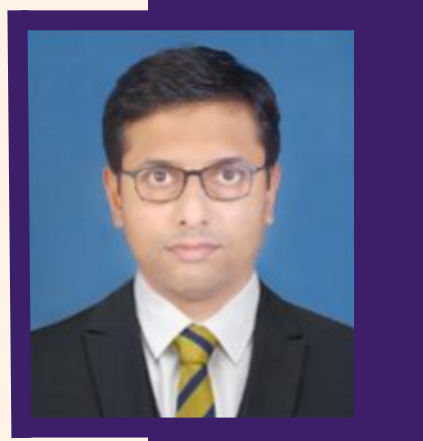
## **Divyeshkumar M. Panchal**

---

**2014 Passout (2011-2014)**

**Enrollment Number: 100130111086**

**Email: dvspanchal12793@gmail.com**



**Respected Sir and Madam,**

**Here Divyesh Panchal from 2014 pass-out batch.**

**Here I am feeling happy to sharing my some experience during my college. I still remember some name of our professors (the gurus) that helps in many ways in many sectors like, study, practical and even in other way through which we can grow our self. They give an open access to use labs so we can work and study. We got a tremendous support from our professors so we were able to conduct a various seminar and workshops on different types of controllers for our juniors.**

**All the faculties have god helping nature and with extreme knowledge of their respected stream, who give us a best guidance and work with us as couch not as a tutor during practical and in project. By ending my words, I would like to thank Mr. Nilesh Banker Sir who gives me such an opportunity so I can share my words and even today after 8 year of academic curricular we feel connected with our college. I would also like to thank Mr. Niraj Chaudhary Sir, Mr. Devendra Patel Sir, Mr. Parekh Sir for their supports.**

**Here I would like to share some good memories of my life during college.**



# OLD MEMORIES, GOLD MEMORIES



## **Farooqui Mohammed Azhar**

**2018 Passout**

**Enrollment Number: 140130111027**

**Designation: Station Master**

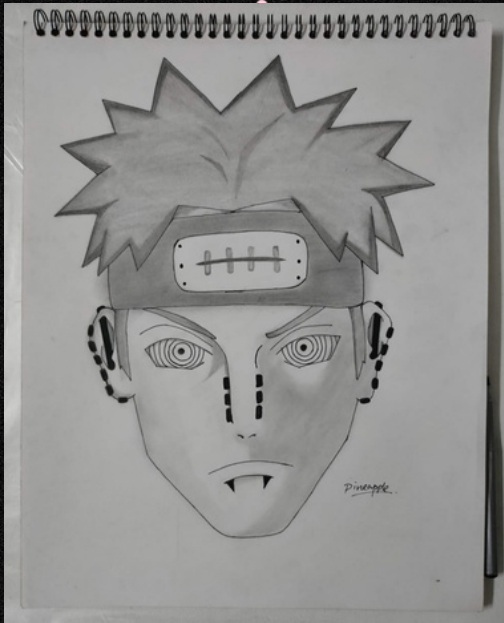
**Email: azharf099@gmail.com**



I passed out in 2018, went delhi for GATE and ESE classes but when result came i got only 3 marks in GATE, i felt very disappointed and returned home, then i gave some govt exams but did not succeed, then in 2019 i started internship in an automation firm, but when internship was about to finish, corona was came in picture, and i was jobless. in September 2020 i got a job in an account firm, which was totally different from my field, after working there of nearly 1 year, i got job in VDA infosolution, which has some panel related work in tata motors sanand. when i returned home from delhi, the last exam which was given by me was a RRB NTPC (railway), while working in VDA, the result came and i managed to qualify for only 0.50 marks, then my confidence got boosted, i thought i can also qualify the govt exam, i worked very hard for the mains and managed to qualify the RRB NTPC mains exam, mean while notification was out for JE in Gujrat metro rail corporation limited, i gave that exam, and managed to get selected as JE in gujrat metro, then at last i gave psycho test of RRB NTPC and managed to pass it, now i am working in Indian railway as Station master, which is a central govt job. and i have package around 7.2LPA. At initial i have to face so much struggle, but doing hard work, i managed to succeed. So, never give up and keep trying and or hard, success will definitely come to your feet.



# CREATIVE CORNER



**KRISHN VASANI**  
(210130111033)



**SADARIA JEETKUMAR**  
(210130111005)



**SHIVANI SINGH**  
(200130111018)



**SHUKLA KRITI**  
(210130111084)



# **PAINTING/ PHOTOGRAPHY**



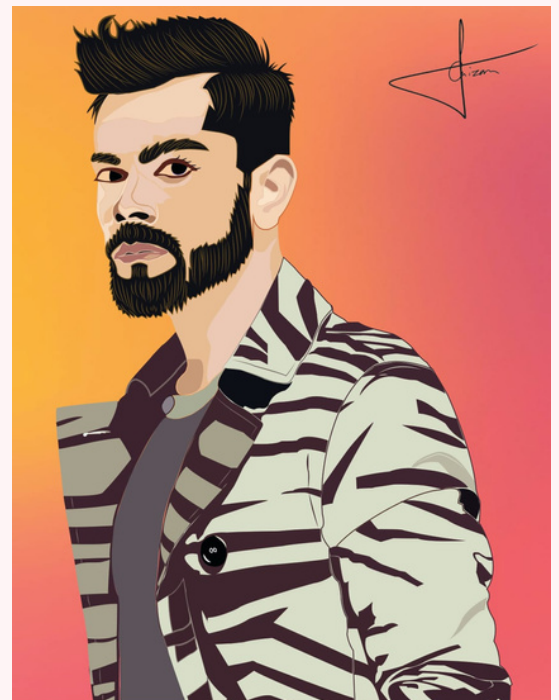
**MUSKAN THAKUR**  
(210130111110)



**JAY CHOKSI**  
(210130111045)



**STUTI A. PATEL**  
(200130111044)



**CHUNDRIGAR FAIZAN**  
(210130111062)

## આવ્યો, આવ્યો, અવસર આવ્યો,,,

આવ્યો, આવ્યો, અવસર આવ્યો,  
લોકશાહીનો અનેરો અવસર આવ્યો,,(૧)

મારાં દ્વારા, મારાં થકી અને મારાં માટે,  
સાચા માણસને ચૂંટવાનો સોનેરી મોકો  
આવ્યો,,(૨)  
.....આવ્યો, આવ્યો..(૧)

જાતિ-ધર્મ-ભાષાનાં ભેદભાવ ભૂલીને,  
સત્ય-સહકાર-સામર્થ્યને ચરિતાર્થ કરવાનો  
સંયોગ આવ્યો,,(૩)  
.....આવ્યો, આવ્યો..(૧)

વાણી-વચન-વહીવટ જેવાં પ્રલોભનોથી દૂર  
રહીને,  
નીતિ-નિયમ-નિષ્ઠાવાન પ્રજાસેવકને પસંદ  
કરવાનો પ્રસંગ આવ્યો,,(૪)  
.....આવ્યો, આવ્યો..(૧)

વિશ્વનાં સૌથી વિસ્તૃત બંધારણમાં ઉક્ત પુખ્ત  
મતાધિકારની સાક્ષીએ,  
મારાં કિંમતી અને પવિત્ર મતદાનનો અવસર  
આવ્યો,,(૫)  
.....આવ્યો, આવ્યો..(૧)

આગામી ગુજરાત વિધાનસભાની સામાન્ય  
ચૂંટણીમાં "હું અચૂક મતદાન કરીશ" એવાં  
હુંકાર સાથે,,

પ્રો. નિલેશ એમ. બેંકર  
સહાયક પ્રાધ્યાપક, ઈ.સી. વિભાગ,  
સરકારી ઈજનેરી કોલેજ, ગાંધીનગર

## આજે અંત છે, તો કાલે શરૂઆત છે,,,

આજે અંત છે, તો કાલે શરૂઆત છે,  
આજે અંધકાર છે, તો કાલે ઉજાશ છે,,

આજે આવજો છે, તો કાલે આવકાર છે,  
આજે આગાજ છે, તો કાલે અંદાજ છે,,

આજે અસ્મિતા છે, તો કાલે સ્મિત છે,  
આજે ગીત છે, તો કાલે સંગીત છે,,

આજે ઉમંગ છે, તો કાલે તરંગ છે,  
આજે ઉતરાણ છે, તો કાલે ચઢાણ છે,

આજે સાથ છે, તો કાલે સંગાથ છે,  
આજે ગુડબાય છે, તો કાલે વેલકમ છે,,

ગુડબાય ૨૦૨૨ એન્ડ વેલકમ ૨૦૨૩..  
Wish U All Very Happy New Year.  
પ્રો. નિલેશ એમ. બેંકર  
તા. ૩૧/૧૨/૨૦૨૨

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Assistant Professor



**Prof. Nisha Prajapati**  
Assistant Professor

**Design Team**



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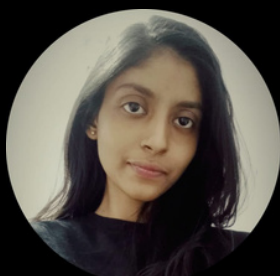
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