

GOVERNMENT ENGINEERING COLLEGE RAJKOT

May 2021

# COMP#BUZZ

A COMPUTER DEPARTMENT NEWSLETTER

Editor : Dr. MAHESH TITIYA,

Co-Editor: Ms. PRIYANKA RAVAL

Year - 1 | Issue - 5 | Page - 23 | May- 2021

# Vision & Mission

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Government Engineering College, Rajkot (GECR) was established in the year 2004 with a vision to provide technical education to the students to make them technically competent and ethically sound to meet the growing demands of the industries and for benefit of the society as a whole. Government Engineering College, Rajkot is a Government institution affiliated to Gujarat Technological University(GTU) and recognized by All India Council for Technical Education (AICTE), New Delhi.

The Department of Computer Engineering, established in 2004, is one of the most dynamic de-partments of Government Engineering College, Rajkot. The department has consistently maintained an exemplary academic and research records.





# **Vision**

To provide value-based technology education in Computer Engineering.

## **Mission**

- To bring out graduates who can solve challenges of industry and society by applying computing techniques.
- To develop partnership with industries, government agencies and Research and Development organizations for knowledge and resource sharing.
- To encourage faculties and students to participate in reputed conferences, workshops, seminars and other such technical activities.
- To motivate students/graduates to be entrepreneurs.
- To impart human and ethical values among students in the service of society.

# Principal sir's Message

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Dear Students and Faculties,

I pray and trust that this newsletter finds you and your family well and hope you are managing the challenging times we are currently confronted with. The world today is changing at such an accelerated rate and we as educators needtopauseandreflectonthisentiresystem of Education. Today, the Teaching - Learning is not only to pursue the academic excellence but also to motivate and empower the students to be lifelong learners, critical thinkers, and productive members of an ever-changing global society. To achieve this we organize webinars / expert talks, Mental Health Counselling Helpline, Online lecture, Student Developer Clubs, and Association with MOOCs Platforms like Coursera to support the online way of learning.

Our institute is preparing for getting accreditation from National Board of Accreditation (NBA). NBA focuses on outcome based education (OBE) which is student centric. In OBE, at the end of educational experience, students are expected to have outcomes. Every course has course outcomes (COs). At the time of learning course, you must be aware of course outcomes. At the end of graduation, very student will achieve programme outcomes (POs). There are Programme Specific Outcomes defined specifically for every department. It describes what students are expected to be able to do after completion of graduation. Program educational objectives (PEOs) are broad statementsthatdescribewhatgraduatesare expected to attain within few years of graduation. All the departments have defined our PEOs. PEOs describe what you will be after five years of your graduation. Vision of our institute and department, Mission of our institute and department, PO, PSO and PEO of our department are available on our website, MOODLE as well as displayed in laboratory, lobbies and classroom. All the students must be familiar with his terminology of outcome based education.

Demand of Computer Engineering is increasing day by day and it is necessary to update faculties and students with latest technology. Computer engineers must learn about Programming languages like Python, R, C, C++, Java etc. Internet of Things, Data Science, Cloud computing, Artificial Intelligence, Machine learning, Deep learning, Virtual reality, Augmented reality and cognitive radio. You need to attend MOOC and other skill development programmes to bridge the gap of curriculum and industry requirements. Computer Engineering field is becoming too vast that it is not possible to cover everything in the curriculum. Depending on interest of the student, he or she has to select any one topic and study it in depth but for selection of the topic, it is necessary to get introductory knowledge of technological advancements. Student should select such topics to deliver seminar and discuss with each other and faculties. MOOC (Massive Open Online Courses) are available for such advance topics. Students should attend any one course during their winter vacation or summer vacation period or even during academic term.

Engineers must have moral values like honesty, hard and smart work, impartiality, fairness, equity, co-operation, respect for others, compassion, forgiveness mentioned in our Vedas. Students must have five cognitive skills Conscientiousness, Perseverance, Innovativeness, taking Initiatives and Problem Solving. We have grant under student start up and innovation policy (SSIP). Take maximum benefit of it for your innovative projects. Find out real life challenges present in the society and industries and work for the solution. Come up with best idea and submit proposal to get funding from SSIP grant.

Wish you best of luck, Dr. C.H. Vithalani



Dr. Chirag Thaker

#### Dear Students

We as a nation are witnessing a second surge in the Covid cases and the entire country is witnessing tireless efforts form doctors , para medical staff and other sections of covid worriers. I take note that during the Academic term that ended on 30th April 2021 for 4, 6 and 8 semesters, Computer Engineering Department has recorded consistent improvement in its online teaching-learning process, and consistent improvement in its placement performance. We believe that our final year students have been well accepted in their job profiles and have consistently exceeded expectations of the corporate world.

During study at the department, the students are encouraged to get hands-on experience through online lab conduction and simulation software to perform their share of lab work. Through their curriculum, they were encouraged to take up mini projects to supplement theoretical knowledge with practical experience. They also undertake design engineering problems benefiting societal task solving through innovative design principles. These projects enabled them to understand the

relevance of working in a group in online collaborative teams and also help them to realize the finer aspects and importance of teamwork.

With all these inputs, one finds our students hardworking, practical-oriented and adaptive in any situational environment. We are confident that our current curriculum has enabled the overall development of budding engineers to come up with the expectations of the ICT industrial eco system.

Let us prepare ourselves for the upcoming university exam in an Online mode and pray to the Supreme Power in one voice that the pandemic gets over and we quickly return to our natural daily life and lifestyle.

#### Best Regards

#### Dr. Chirag S. Thaker

Professor & Head Computer Engineering Department, Government Engineering College, Rajkot

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# 1. College Club Corner

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## CodeChef -GEC Rajkot

#### Contest: CODATHON 2.0 A CODING COMPETITION- APRIL 2021

This contest was held on 14 th April 2021 from 10:30 AM to 1:00 PM. 26 students participated in the contest.





#### **About the Event:**

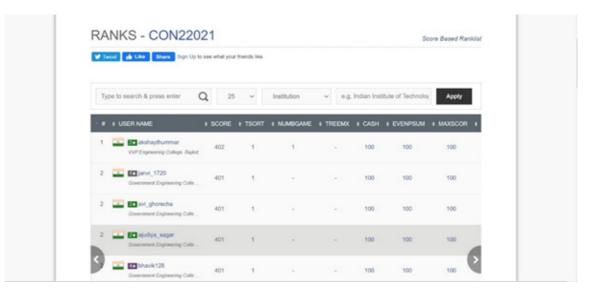
Once again CodeChef GECR Chapter and Developer Student Club GECR come up with a midway level coding competition named "Codathon 2.0"; Codathon 2.0 was a contest jointly organized by CodeChef GEC-Rajkot and DSC GEC-Rajkot for the students of computer engineering branch of GEC-Rajkot. Students were the only people who were benefitted. It consisted of only one round of 7 problems. Difficulty of the problems was easy to hard and increasing step by step. Students were awarded points for the contest on successful submission based upon the runtime. The learning outcome was to increase a step in Competitive Programming. The other one was to increase the problem solving skills of the students.

#### **RESULT OF THE CONTEST:**

The winners of the contest were:-

- 1. Akshay Thummar
- 2. Janvi Desai
- 3. Avi Ghorecha

Certificates were provided to all the winners and also to all the participants.







Mahima Desani

Purnendu Bhatt

# 2. Faculty Corner - Acknowledging

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Prof. (Dr.) Chirag S Thaker Professor (Computer Engineering Department)

- 1. Delivered an online expert session on "Paradigm Shift Approach on Cloud Infrastructure and Security Challenges" on 3rd May 2021at AICTE-ISTE Online Refresher Program on Security and Privacy:Trends and Directions" organized by Computer Engineering Department A V Parekh Technical Institute, Rajkot .
- 2. Delivered an online expert talk on the topic of "Critical Thinking, Computer Engineering and Career Horizons" at Devang Patel Institute of Advance Technology and Research (DEPSTAR), a constituent of Charotar University of Science and Technology (CHARUSAT) on 22nd April 2021.
- 3. Delivered an online expert session on the topic of "Artificial Intelligence: Present & Future Technology Application " in GUJCOST Sponsored Online STTP on Artificial Intelligence at SVIT Vasad on 5 March 2021.

## Authored by:







Yagnik Kansagra

# 3. Latest Technology Article

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# I. Cyber Security

Cyber crime is emerging as serious threat to the world of computer technology. Government, police and Intelligence units are acting towards the issue closely. Strategies are put into action. The effort is done to educate people and to expose them to the idea that it is not safe anymore to navigate in the cyber world without security.

### 1) WHAT IS CYBER SECURITY?

The internet has made the world smaller in many ways but it has also opened us up to influences that have never before been so varied and so challenging. As fast as security grew, the hacking world grew faster. Cyber security are techniques that are generally set forth in published materials that attempt to safeguard the cyber environment of a user or organization. It manages the set of techniques used to save the integrity of networks, programs and data from unauthorized access. This field is of growing importance due to increasing reliance on computer systems, including smart phones, televisions and the various tiny devices that constitutes the Internet of things.

Its being protected by internet-connected systems, including hardware, software and data, from cyber attacks. In a computing context, security comprising cyber security and physical security both are used by enterprises to safeguard themselves against unauthorized access to data center and other computerized systems. The security, which is designed to maintain the confidentiality, integrity and availability of data, is a subset of cyber security.



## 2) WHY DO WE NEED CYBER SECURITY?

The range of operations of cyber security involves protecting information and systems from major cyber threats. These threats take many forms. As a result, keeping pace with cyber security strategy and operations can be a challenge, particularly in government and enterprise networks where, in their most innovative form, cyber threats of ten take aim at secret, political and military assets of a nation, or its people. Some of the common threats are :

**Cyber terrorism:** It is the innovative use of information technology by terrorist groups to further their political agenda. It took the form of attacks on networks, computer systems and telecommunication infrastructures.

**Cyber warfare:** It involves nation-states using information technology to go through something another nation's networks to cause damage. In the U.S. and many other people live in a society, cyber warfare has been acknowledged as the fifth domain of warfare. Cyber warfare attacks are primarily executed by hackers who are well-trained in use of benefit the quality of details computer networks, and operate under the favorable and support of nation-states. Rather than closing a target's key networks, a cyber-warfare attack may forced to put into a situation into networks to compromise valuable data, degrade communications, impair such infrastructural services as transportation and medical services, or interrupt commerce.

**Cyber spionage:** It is the practice of using information technology to obtain secre information without permission from its owners or holders. It is the most often used to gain strategic, economic, military advantage, and is conducted using cracking techniques and malware.

## 3) WHO ARE CYBER CRIMINALS?

It involves such activities as child printed sexual organs or activity; credit card fraud; cyber stalking; defaming another online; gaining unauthorized access to computer systems; Cybercriminals are those who conduct such acts. They can be categorized into three groups that reflect their motivation.

**Type 1:** Cybercriminals – hungry for recognition:

- Hobby hackers;
- IT professionals (social engineering is one of the biggest threat);
- Politically motivated hackers;
- Terrorist organizations.

Type 2: Cybercriminals - not interested in recognition:

- Psychological prevents.
- Financially motivated hackers.
- State sponsored hacking.
- Organized criminals.

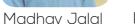
### Type 3: Cybercriminals – the insiders:

- former employees seeking revenge.
- Competing companies using employees to gain economic advantage through damage and/or theft.

#### CONCLUSION

More highly skilled workers in cybersecurity roles would help the nation respond more robustly to the cybersecurity problems it faces. All organizations need to understand their threat environment and the risks they face, address their cybersecurity problems, and hire the most appropriate people to do that work.







Purnendu Bhatt

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# II. What Is XaaS?



Everything-as-a-Service is a term for services and applications that users can access on the Internet upon request.

The Everything-as-a-Service definition may seem unclear at first sight, but actually, it is not difficult to understand. It all started with the cloud computing terms: SaaS (Software-as-a-Service), PaaS (Platform-as-a-Service) and laaS (Infrastructure-as-a-Service), meaning that ready-made software, a platform for its development, or a comprehensive computing infrastructure could be provided via networks. Gradually, other offerings appeared and now, the designation as-a-Service is associated with various digital components, e.g. data, security, communication, etc.

#### Benefits of XaaS



The market of services provided via cloud computing and the Internet is expanding at a rapid pace due to a range of advantages they provide both for organizations and end-users. The biggest benefits are:

Scalability (outsourcing provides access to unlimited computing capacities, storage space, RAM, etc; a company can quickly and seamlessly scale its processes up and down depending on requirements and doesn't have to worry about additional deployments or downtimes)

Cost- and time-effectiveness (a company doesn't purchase its personal equipment and doesn't need to deploy it, saving much time and money; a pay-as-you-go model is also beneficial)

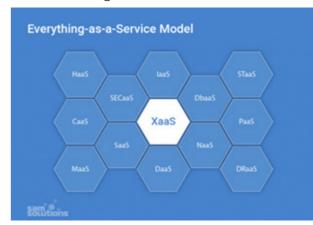
Focus on core competencies (there's no need to set up apps and programs or conduct training for employees; consequently, they can concentrate on their direct duties and achieve better performance)

The high quality of services (since professionals support and maintain your infrastructure and systems, they provide the latest updates and all the emerging technologies, guaranteeing the quality of services)

Better customer experience (the above-mentioned pros lead to customer satisfaction and increase customer loyalty)

However, -aaS services are not without flaws. The biggest drawbacks are mostly related to end users and concern the security of personal data and risks of massive data loss.

Many consumers are afraid to fully depend on cloud providers and lose control over their business. Service providers, on their part, are doing their best to address such concerns and allow organizations to migrate more workloads into the cloud.



Reference: https://www.sam-solutions.com/blog/everything-as-a-service-xaas-definition-and-examples/





Nidhi Makdani Charmi Goswami

## **III. Information Warfare**

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The 21st century is the rise of launching non-lethal attacks against an enemy's information systems rather than doing physical damage against the opponent's military forces. One might say that information warfare just sounds like a fancier way of describing hacking. In fact it's a lot more sinister and dangerous than just hacking.

#### What is Information Warfare?

#### CONFLICT OR STRUGGLE BETWEEN TWO OR MORE GROUPS IN THE INFORMATION ENVIRONMENT

The free flow of information within and between nation states is essential to business as well as to a military force's ability to fight. Communications today lean heavily on the internet, or via communications using various parts of the electromagnetic spectrum (such as radio or microwaves) through terrestrial communications networks or satellite networks in space.

Electronic warfare is used to disrupt or neutralise these electromagnetic transmissions, like, jamming could be used to cripple military communications or weapons guidance systems. Or it can include civil uses, like air traffic control system used by aircraft to avoid in-flight collisions, or the system that replaces railway trackside signalling and provides full control of trains. Jamming or degrading either of these would cause chaos. Information warfare, thus, is the integration of electronic warfare, cyberwarfare and psychological operations, for both attack and defence.

## **Basic Features of Strategic Information Warfare**

There few defining features of strategic information warfare:

**Low entry cost:** Development of information-based techniques does not require sizable financial resources or state sponsorship

**Expanded role for perception management:** New information-based techniques complicate government efforts to build political support for security-related initiatives.

A new strategic intelligence challenge: Poorly understood vulnerabilities diminish the effectiveness of classical intelligence and analysis methods. A new field of analysis focused on strategic information warfare has to be developed.

**Formidable tactical warning and attack assessment problems:** Currently there is no adequate system for distinguishing between strategic warfare attacks or accidents.

#### Conclusions

The features and likely consequences of strategic information warfare point to a basic conclusion: Key national military strategy assumptions are obsolescent and inadequate for confronting the threat posed by strategic information warfare. Five major recommendations emerged from the exercises as starting points for addressing this shortcoming:

### 1. Leadership: Who Should Be in Charge in the Government?

It has been widely agreed that a government should have a focal point in response to the threat. This office should also have the responsibility for close coordination with industry, since the nation's information infrastructure is being developed almost exclusively by the commercial sector. Once established, this high-level leadership should immediately take responsibility for initiating and managing a comprehensive review of national-level strategic information warfare issues.

#### 2. Risk Assessment

An immediate risk assessment is to be done to determine the extent of the vulnerability of key elements of national security. The cyberspace should get a chance to evolve robust defenses on its own. This will create the robust national information infrastructure that everyone hopes to use.

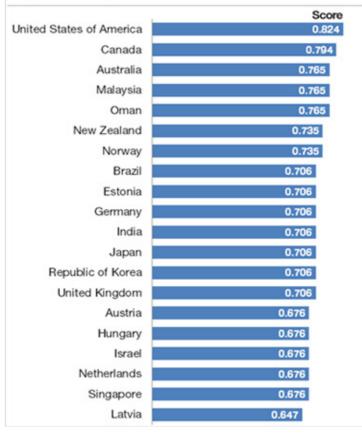
#### 3. Government's Role

The government has play a more productive and efficient role as facilitator and maintainer of some information systems and infrastructure, and through policy mechanisms to encourage reducing vulnerability and improving recovery and reconstitution capability. Clearly, the government's perceived role in this area will have to be balanced against public perceptions of the loss of civil liberties and the commercial sector's concern about unwarranted limits on its practices and markets

#### 4. National Security Strategy

Once an initial risk assessment has been completed, the office needs to address preparedness for the threat as identified. The office can encourage the owners and operators of the various national infrastructures to take measures to reduce their infrastructure's vulner ability.

## Countries best prepared against cyberattacks





Ajit kumar



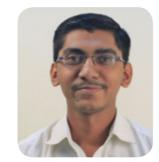
Himanshu

# **Alumni Interview**

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Introducing Jayesh Vagadiya, an Alumni of the Computer Department from the batch 2012-15.

Jayesh Vaqadiya completed his primary education from Shri Parivartan Vidhyalay Rajkot. He completed his Diploma from Christ Polytechnic Institute, Rajkot and He started his college journey of engineering from Rajkot GECR from 2011 and completed in 2015 and He completed his Master from Marwadi engineering college, Rajkot.



Prof. Jayesh Vagadiya

His parents have dreamed of him becoming a teacher looking to his ability at very small age. He well-acknowledged the dream by becoming a teacher. Currently he is serving as a dynamic faculty at Darshan Institute of Engineering and Technology, Rajkot since July **2015**.

Engineering being a vast field and especially Computer Engineering is the field where newer and better technologies keep coming, as a teacher one needs to be continuously updated. As a Professor he helps other students to create Application like (educational, MCQs etc.), so that students can get better and easy access to the education materials.

A part from teaching-learning he is part of IOS applications development team. His experience involves 30+ live education helping applications of the institute in which he has contributed.

When asked, He defined Himself as a "Good Programmer and Good Teacher"

He shares his experience for GEC-Rajkot with the words -"The plus points at GEC-Rajkot are that standards at the college is very high, professors are well educated, well qualified and are of very helping nature. The Placement History is very good, many students are being Placed at good posts directly from the college. Fees are quite comparable to the other colleges which helps even middle class and lower middle class students to have a better learning experience."

He shares his student level challenges at engineering that -"During the initial time of the course at college he faced difficulties in English Commination. He told that Students have to work on Communication skills and Aptitude for their better Placements."

His favorite technologies at his study times include 'Artificial Intelligence' and 'Android'. Demands of his current role made him study about IOS, currently he continues and enjoys his journey with IOS and also likes read articles and updates related to artificial intelligence.

He talked about Ups and Downs in career and life of a Computer Engineer is often mainly due to Updating of Technologies, he told that we as an Engineer and a Teacher, have to update with technology. In computer engineering field if you do not get updated with new technologies then you cannot work easily with the updating demands of your field.

"We have to update with technologies to get More Success"

He is proud of His diploma Engineering Rank as an achievement and he is very good at developing iphone technology apps.

As a teacher, He gives us tips for a better future. As he said, "For the better future in Computer Science Students may have to give focus in python and also get familiar to the Artificial Intelligence, Chat-bot, Machine Learning etc. emerging fields."

He recollects his memories at GEC, Rajkot by saying – "Professors are very high qualified, college environment is Natural, Campus is good and very big, All Cultural activities are arranged in our college so that students enjoy that things also and college Setup is done like a Natural view so that students can enjoy in Study, All Advanced resources are also available like super computer etc., Machine learning related resources also available."

He likes our College faculties and he told that college should have to arrange seminars on New technologies, Communication skills, Special technologies, aptitude related semin ars so that as many as students can crack Interviews and participate in placement and take good packages.





Abdullah Malek Prince Makvana

Name: Khushi Shah Semester: 4<sup>th</sup>

"Creativity is just connecting things.
When you ask creative people how
they did something, they feel a little
guilty because they didn't really do it,
they just saw something. It seemed
obvious to them after a while."

-Steve Jobs



Name : Yansi Viramagama Semester : 4<sup>th</sup>



Name : Sanjana Murari Semester : 4<sup>th</sup>



Name: Parth Lunagariya Semester: 4<sup>th</sup>

**Blog link: Fibre Infrastructure** 

"Art has the power to transform, to illuminate, to educate, inspire and motivate."

-Harvey Fierstein

Name : Mitali Maradiya Semester : 4<sup>th</sup> वक्त का ये दौर युही चलता जा रहा है!!

जंग है सासों की सासों से आज-कल और भयभीत सा है मंजर ये, फैली ये तबाही और चारों ओर हाहाकार है..

आंखों में है आँसु और होठो पे दुहाई है चिंता की आग मे चिता की राख है, यहा मगर ख़ामोश खड़ा इन्सान है!!

हर शख्स परेशान सा नजर आ रहा है पर बेबश खड़ा हमारा ये प्रशासन है, देश की इस हाल-ए-बरबादी का कौन जिम्मेदार है??

वक्त का ये दौर युही चलता जा रहा है!!!!

Mitali Maradiya Sem: 4th



Name : Khushi Paramar Semester : 4<sup>th</sup> मारी मार्ज समेली पुरतह ...

मारा भुवन नी पुश्त हत्यार धी क शर्व अर्ध लिया ती , क्यारे नय मरीना हुं पैर मां इती . समय यूज लांको काम पीडा हायह हशे , पांचा मने कौता ह की सीधी वहारे खुरा घरी अर्थ.

थींडु हाह्य जीतारी थहीं, जी पत्री यातारी चर्छ, भू अ महिन्त इरी की मारा मानपहामां, आ म रीने मारी मा, पन्ना इरवारी गरी.

रहुल अभी धर्छ, मादा माज्यसीने मणनी धर्छ, रसदं , अडढं, बेडढं सीमिमी अटी. रां लुली कुछ , करं याद राष्ट्री लीवुं ,आ अध्य हरेती अर्ड आ क रीते मारी मा , पका देववारी अर्ड.

मामी मामी वातमां समम्मवारी अही, सामरे यवा मारे हिशारों हरती रही रमे क मार्ड धर हो हरी हरी इहेंगी गरी आ म रीने मारी मा, पम्मा हैरवारी गर्छ.

हारित टार्की पछी, डू पठ्य मा धर्म अही, न्यारे समज्ञयं है मारी मा शं हरी अही. हजी पढ़ा सामा महुल हैती रही, भीड़ भीड़ शायर अभी मारी पुस्तड लारती वरी.

- Alifiya

Name: Kapasi Alifiya Semester: 2<sup>nd</sup>

"Creativity is allowing yourself to make mistakes, art is knowing which ones to keep." -Scott Adams

"Art begins with resistance - at the point where resistance is overcome. No human masterpiece has ever been created without great labor." -Andre Gide

> Name: Purnendu Bhatt Semester: 4th



Define EGO so beautifully 🚫 बस इतनी सी बात समंदर को खल एक कागज की नाव मुझपे कैसे चल

Name: Ajay Tarapara Semester: 4th

इतना बेह्तर भी ना खोजो, की बेहतरीन को ही खो दो! Right????

@ajay\_tarapara\_77

"A true artist is not one who

-Salvador Dali

is inspired, but one who

inspires others."

" કોરોના આવ્યો પોઝિટિવ તો.... દર્દી થયા નેગેટીવ..... "

દેશભરમાં અત્યારના સમયમાં કોરોના એ હાહાકાર મચાવ્યો છે દિવસેને દિવસે અનેક લોકો કોરોના ની ચપેટમાં આવી ગયા છે અને વધારે ને વધારે કોરોના ફેલાતો જાય છે કોરોના ફેલાવાની સાથે તેમનો ડર પણ અનેક ગણો ફેલાતો જાય છે મિત્રો અત્યારના સમયમાં દર્દીઓને કોરોના કરતા તેમનો ડર વધારે મગજમાં બેસી ગયો છે અને તેમના લીધે તેમની તબિયત વધારે નાજુક થતી જાય છે જેમના વધાર નેગજના ખાતા બધા છે એન તેનના લાધા તમના લાખવત વધાર નાજુંક વધા જાય છે જેમના કારણે દર્દીનું સ્વાસ્થ્ય ઝડપથી સુધરતું નથી મોટાભાગના દર્દીઓ કોરોના ની બીમારી ને માનસિક બીમારી તરીકે સ્વીકારી લે છે અને તેઓ હતાશ થઈ જાય છે અને ખોટા વિચારો કરવા લાગે છે જેમકે ' હવે હું નહીં જીવવું ...., ' હવે મારુ જીવન પુરુ....., ' મારાં છેલ્લા દિવસો આવી ગયાં..... આવા ઘણા બધા નેગેટિવ વિચારો તેમને આવે છે જેની અસર તેમના સ્વાસ્થ્ય ઉપર થાય છે જેમના લીધે તેમની તબિયત વધારે બગડવા લાગે છે મિત્રો આ માધ્યમથી આપ સર્વને હું સંદેશો પહોંચાડવા માંગુ છું કે તમે કોરોના ના નામથી ડરો નહીં અને ખોટી અફવા ફેલાવવાનું બંધ કરો તદુપરાંત ખોટી અફવાઓથી દૂર રહેવું અને કોઈપણ જાતના ભય વગર સાવધાનીથી અને સતર્ક રહીને સૌ સાથે મળીને આ મહામારીનો સામનો કરી અને કોરોના ને હરાવીએ કોરોનાની ચપેટમાં આવેલ બીમાર દર્દીઓને મારો સંદેશ છે કે તમે માનસિક તણાવ લીધા વિના કોઈપણ જાતના ડર વગર તેમનો સામનો કરો તો સંપૂર્ણપણે તમે સ્વસ્થ થઈ જશો અને આ મહામારી સામે વિજય

સ્નેહીજનો સૌ સાથે મળીને નવા અભિયાન ની શરૂઆત કરીએ કે

" જો કોરોના આવ્યો પોઝિટિવ તો તમે પણ રહો પોઝિટિવ '

જ્ય હિંદ 🙏 🙏

Semester:4<sup>th</sup>

Name: Jay Diwani

– જય દિવાણી



Name : Yagnik Kansagra Semester : 4<sup>th</sup>

Built Using ~ HTML, CSS and JavaScript Language

WeBsite: https://yagnikkansagra.github.io/Digital\_Clock\_With\_Date/

"There is no doubt that creativity is the most important human resource of all. Without creativity, there would be no progress, and we would be forever repeating the same patterns."

-Edward de Bono

## Authored by:







Mahima Desani

Palak Antala

Janvi Desai

# (1) Core Designer: Neil Javiya – 8<sup>th</sup> Sem Harshil Kaneria – 4<sup>th</sup>Sem Yagnik Kansagra – 4<sup>th</sup> Sem

COMP#Buzz Team:

(2) Content Creators & Editors:

Charmi Goswami - 6<sup>th</sup> sem
Nidhi Makdani - 6<sup>th</sup> sem
Mahima Desani - 4<sup>th</sup> sem
Purnendu Bhatt - 4<sup>th</sup> sem
Janvi Desai - 4<sup>th</sup> sem
Prince Makvana - 4<sup>th</sup> sem
Abdulla Malek - 4<sup>th</sup> sem
Palak Antala - 4<sup>th</sup> sem
Madhav Jajal - 4<sup>th</sup> sem
Ajit Kumar - 4<sup>th</sup> sem
Himansu - 4<sup>th</sup> sem

