Polytechnic Reader and Web
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PRAWAH

4th Edition (December -2022)

CODING IS TODAY'S LANGUAGE OF CREATIVITY. ALL OUR CHILDREN DESERVE A CHANCE TO BECOME CREATORS INSTEAD CONSUMERS OF COMPUTER SCIENCE.

-Maria Klawe

Department of Computer Engineering
Kilachand Devchand Polytechnic
Patan - 384285

ABOUT DEPARTMENT

Department of Computer Engineering at K D Polytechnic, also known as Kilachand Devchand Polytechnic, was established in the year 2001 in Patan, Gujarat. Under the leadership of Shri R.M.SHAIKH, the department has been making significant strides in the field of technical education.

With a total intake of 180 students, the Computer Department aims to provide a comprehensive and modern education in the field of computer science and technology. The department is dedicated to equipping students with the necessary skills and knowledge to excel in the ever-evolving field of Computer Engineering.

Recognizing the importance of incorporating technology into the learning process, the department actively utilizes online teaching-collaborating tools like MS Team by Microsoft. These tools provide a platform for sharing resources, conducting assessments, and engaging in related activities. By leveraging these tools, the department embraces a blended approach to education, combining traditional teaching methods with active learning pedagogy.

The Computer Department at K D Polytechnic places a strong emphasis on contemporary technical education. Students are exposed to a wide range of subjects,

including programming languages, software development, database management, networking web development, and more. The curriculum is designed to provide a holistic understanding of computer science concepts while also instilling practical skills through hands-on projects and real-world applications.

The faculty members of the Computer Department are experienced and highly qualified in their respective fields. They play a crucial role in guiding and mentoring students, ensuring a conducive learning environment. The department encourages faculty members to stay updated with the latest advancements in the industry, fostering a culture of continuous learning and professional development.

Beyond the classroom, the Computer Department promotes extracurricular activities and encourages students to participate in various technical events, workshops, and competitions. These opportunities allow students to showcase their talents, enhance their problem-solving abilities, and develop essential teamwork and leadership skills.

The Computer Department at K D Polytechnic is committed to nurturing well-rounded computer professionals who are prepared to meet the demands of the industry. By combining theoretical knowledge with practical experience and leveraging technology for effective teaching and learning, the department strives to produce competent and skilled individuals who can contribute to the ever-growing field of computer science and technology.

HEAD MESSAGE

Welcome to the Department of Computer Engineering. The Department of Computer Engineering strives for Excellence in teaching and learning and ethical professional development. We are proud to have State-of-the-art laboratories and technical staff to support our academic program. We have well balanced and innovative teaching-learning atmosphere and qualified and well experienced dedicated academic staff. The students here are encouraged to participate in co-curricular and Extra-curricular activities for personal development. There are many careers paths for Computer Engineers. They are essential in Government agencies, Private and Public sector undertaking to complete various Mega Projects.

Mr. R.M.SHAIKH
(HoD Computer Department)

VISION

To produce competent diploma engineers through quality education with moral values to meet need of the society.

MISSION

- To provide quality education in both theory and practical to solve the problems.
- To encourage students for cocurricular activities.
- Provide exposure to latest technology.
- Transform students into socially responsible and ethical professional.

PROGRAM EDUCATIONAL OBJECTIVES

The diploma holders will be:

- Competent with knowledge of Computer Engineering to pursue high education.
- Proficient to solve problems that are technically, economically, socially and environmentally acceptable.
- Efficient team leader, effective communicator and entrepreneur with ethics and moral values.

PROGRAM OUTCOMES

- **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- **Problem analysis:** Identify and analyze well-defined engineering problems using codified standard methods.
- **Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- **Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- **Life-long learning:** Ability to analyze individual needs and engage in updating in the context of technological changes.

PROGRAM SPECIFIC OUTCOME

After the completion of the program, in future students will be able to have

- An ability to analyses, design, develop and test software using different programming language
- An ability to setup, analyses, design and troubleshoot network and computer hardware issues.

INDEX

BECOMING ETHICAL HACKER IN 2023

Are you interested in becoming an ethical hacker and joining the fight against cyber threats? Here are some steps you can take to start your journey as an ethical hacker in 2023:

- Build a strong foundation of knowledge: The first step in becoming an ethical hacker is to build a strong foundation of knowledge in the field. This may include learning about different types of attacks and vulnerabilities, as well the tools and techniques used to identify and address them. There are many resources available for learning about ethical hacking, including online courses, books, and training programs.
- Get hands-on experience: in addition to learning about ethical hacking, it is important to get hands on experience as well. This can be done through internship, apprenticeships, or by participating in online challenges and capture the flag (CTF) events. These types of opportunities can help you develop your skills and gain practical experience.
- Build a toolkit: Ethical hackers rely on a variety of tools to identify and address vulnerabilities. It is important to familiarize yourself with a range of tools, and to understand how to use them effectively. This may include everything from basic tools such as port scanners and password cracking utilities, to more advanced tools such as artificial intelligence and machine learning platforms.
- Join the community: Ethical hacking is a field that is built on collaboration and sharing of information. By joining online communities and forums, you can connect with other ethical hackers,

learn from their experience, and stay up to date on the latest trends and developments in field.

- Join the community: Ethical hacking is a field that is built on collaboration and sharing of information. By joining online communities and forums, you can connect with other ethical hackers, learn from their experience, and stay up to date on the latest trends and developments in field.
- Get certified: While certification is not strictly necessary to become an ethical hacker, it can be a useful way to demonstrate your knowledge and skills to potential employers. There are a number of certification programs available, such as the Certified Ethical Hacker (CEH) and the Offensive Security Certified Professional (OSCP)

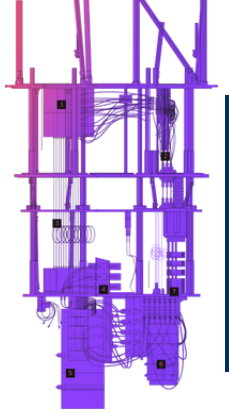
There are some books to learn about Ethical hacking:

- The Basics of hacking and penetration testing by Patrick engebretson
- Black hat python: python programming for hackers and Pentesters by Justin Seitz
- Hacking: The Art of Exploitation by Jon Erickson
- Ethical hacking and penetration testing guide by Rafay Baloch
- The Web Application hacker's handbook by Dafydd Stuttard and Marcus Pinto

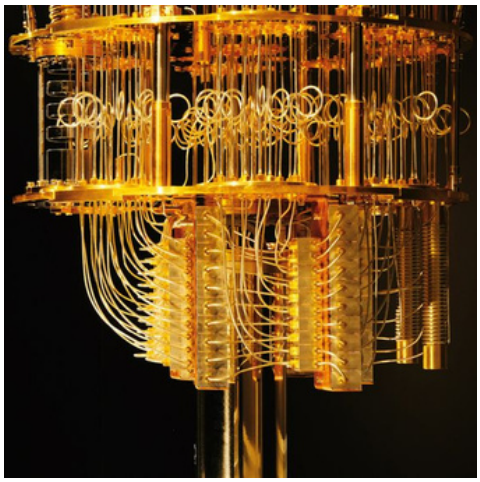
Overall, becoming an ethical hacker requires a combination of technical knowledge, hands on experience, and a strong willpower. By following these steps, you can begin your journey in this field.

Vishesh Jat
216310307102

BASIC OF QUANTUM COMPUTER



Quantum computers are machines that use the properties of quantum physics to store data and perform calculations based on the probability of an object's state before it is measured. This can be extremely advantageous for certain tasks where they could vastly outperform even the best supercomputers. Quantum computers can process massive and complex datasets more efficiently than classical computers. They use the fundamentals of quantum mechanics to speed up the process of solving complex calculations. Often, these computations incorporate a seemingly unlimited number of variables and the potential applications span industries from genomics to finance. Classic computers, which include smartphones and laptops, carry out logical operations using the definite position of a physical state. They encode information in binary 'bits' that can either be 0s or 1s. In quantum computing, operations instead use the quantum state of an object to produce the basic unit of memory called as a quantum bit or qubit. Qubits are made using physical systems, such as the spin of an electron or the orientation of a photon.



These systems can be in many different arrangements all at once, a property known as quantum superposition. Qubits can also be inextricably linked together using a phenomenon called quantum entanglement. The result is that a series of qubits can represent different things simultaneously. These states are the undefined properties of an object before they've been detected, such as the spin of an electron or the polarization of a photon. Instead of having a clear position, unmeasured

quantum states occur in a mixed 'superposition' that can be entangled with those of other objects as their final outcomes will be mathematically related even. The complex mathematics behind these unsettled states of entangled 'spinning coins' can be plugged into special algorithms to make short work of problems that would take a classical computer a long time to work out.

History of Quantum Computers:

American physicist and Nobel laureate Richard Feynman gave a note about quantum computers as early as 1959. He stated that when electronic components begin to reach microscopic scales, effects predicted by quantum mechanics occur, which might be exploited in the design of more powerful computers. During the 1980s and 1990s, the theory of quantum computers advanced considerably beyond Feynman's early speculation. In 1985, David Deutsch of the University of Oxford described the construction of quantum logic gates for a universal quantum computer. Peter Shor of AT&T devised an algorithm to factor numbers with a quantum computer that would require as few as six qubits in 1994.Later in 1998, Isaac Chuang of Los Alamos National Laboratory, Neil Gershenfeld of Massachusetts Institute of Technology (MIT) and Mark Kubince of the University of California created the first quantum computer with 2 qubits, that could be loaded with data and output a solution. Recently, Physicist David Wineland and his colleagues at the US National Institute for Standards and Technology (NIST) announced that they have created a 4-qubit quantum computer by entangling four ionized beryllium atoms using an electromagnetic trap.

Types of Quantum Computers:

There are three primary types of quantum computing. Each type differs by the amount of processing power (qubits) needed and the number of possible applications, as well as the time required to become commercially viable. Universal quantum computers are the most powerful and most generally applicable, but also the hardest to build. Remarkably, a universal quantum computer would likely make use of over 100,000 qubits and some estimates put it at 1M qubits. But to the disappointment, the most qubits we can access now is just 128. The basic idea behind the universal quantum computer is that you could direct the machine at any massively complex computation and get a quick solution. This includes solving the aforementioned annealing equations, simulating quantum phenomena.

Chetan Dave
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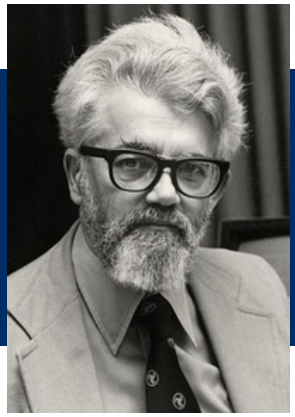
JOHN MCCARTHY



Introduction:

In the realm of computer science and artificial intelligence (AI), the name John McCarthy stands tall as one of the most influential figures of our time. Renowned for his groundbreaking contributions to the field, McCarthy's brilliance and forward-thinking approach have revolutionized the way we understand and utilize AI today.

Early Life and Education:

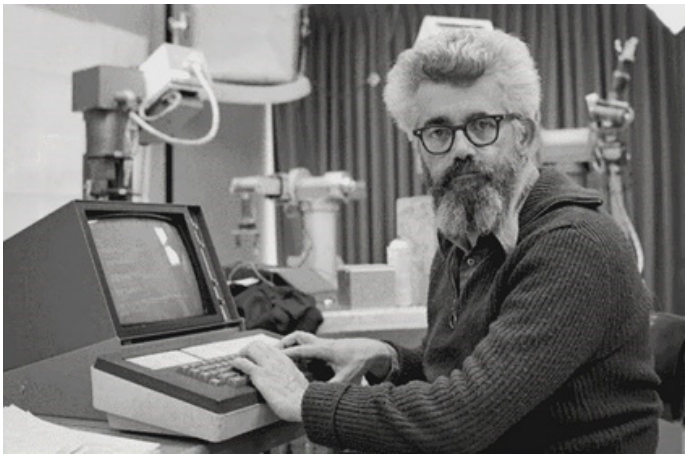
Born on September 4, 1927, in Boston, Massachusetts, John McCarthy developed an early fascination with mathematics and logic. He excelled academically, earning a Bachelor's degree in Mathematics from Caltech and a Ph.D. in Mathematics from Princeton University.

Contributions to Artificial Intelligence:

McCarthy's greatest legacy lies in his foundational work in the field of artificial intelligence. In 1956, he coined the term "artificial intelligence" and organized the historic Dartmouth Conference, which is widely regarded as the birth of AI as a formal discipline. The conference brought together leading thinkers and laid the groundwork for future advancements in the field.

One of McCarthy's most significant contributions was the development of the programming language LISP (LISt Processing). Introduced in 1958, LISP became a fundamental tool for AI research, with its unique focus on symbolic processing and flexible data structures. McCarthy's vision of using LISP as a means to build intelligent systems became a cornerstone for subsequent AI research and programming languages.

Moreover, McCarthy pioneered the concept of time-sharing, allowing multiple users to access a computer simultaneously, which proved instrumental in democratizing access to computing power. His efforts in time-sharing laid the groundwork for the development of interactive computing systems and paved the way for the internet age.



Legacy and Recognition:

John McCarthy's contributions to computer science and artificial intelligence have earned him numerous accolades and recognition throughout his career. In 1971, he received the Turing Award, often referred to as the Nobel Prize of computing, for his remarkable contributions to the field. McCarthy's work has continued to influence generations of AI researchers and practitioners, shaping the trajectory of the discipline itself.

Beyond his technical achievements, McCarthy was known for his passionate advocacy of AI as a means to address societal challenges. He foresaw the potential of AI in areas such as education, healthcare, and automation, while also emphasizing the ethical and responsible development of intelligent systems.

Conclusion:

John McCarthy's visionary ideas and pioneering work in artificial intelligence have left an indelible mark on the field. His tireless pursuit of advancing AI, coupled with his profound insights, have propelled the discipline to new heights. McCarthy's legacy serves as a constant reminder of the transformative power of human ingenuity

and the endless possibilities that lie within the realm of artificial intelligence.

Ritik Joshi
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NARENDRA MODI

" સપનાં એટલે સૂતાં આવે તે નહિ , પરંતુ સપનાં એટલે જે તમને સુવા જ ન દે.."

- નરેન્દ્ર મોદી

આધુનિક ગુજરાતના ભાગ્યવિધાતા અને ભારતના વડાપ્રધાન તથા વડનગરના પુણ્યસપૂત નરેન્દ્રભાઈ મોદી.

- જન્મ :-મહેસાણા જિલ્લાના વડનગર માં (આનર્તપુર)
- મૂળ વતન:- બનાસકાઠા જિલ્લા માં નવદેત્રા ગામ
- પિતા :-દામોદરદાસ
- માતા :-હીરાબા
- જન્મ તારીખ :-૧૭ સપ્ટેમ્બર , ૧૯૫૦ (નરેન્દ્ર મોદી)
- ભાઈઓ (પાંચ) :- સોમાભાઈ , અમૃતભાઈ, નરેન્દ્રભાઈ , પ્રહલાદભાઈ , પંકજભાઈ.
- બહેન :- વાસંતીબેન
- રહેઠાણ :- વડનગર ની મોદીઓળ માં ત્રણ ઓરડા ના સામાન્ય મકાન માં.
- ગુણો :- સેવા ,સમર્પણ , ઉદારતા અને પરોપકાર જેવા સદગુણ અને સંસ્કાર તેમને માતાપિતા પાસેથી વારસામાં મળ્યા.
- પ્રાથમિક શિક્ષણ :- વડનગર ની સરકારી પ્રાથમિક શાળા .
- માધ્યમિક શિક્ષણ :- બી . એન . હાઈસ્કૂલ (ભાગવતાચાર્ય નારાયણાચાર્ય હાઈસ્કૂલ)
- વિષયો :- સમાજશાસ્ત્ર અને અંગ્રેજી માં ખૂબ જ હોશિયાર
- મિત્ર :- જાસૂદખાન પઠાણ (અભ્યાસકાળ દરમિયાન)
- સ્વભાવ :- સૌમ્ય અને શાંત
- શોખ :- વાંચન અને લેખન
- પુસ્તકો :- સંઘર્ષ માં ગુજરાત ,સેતુબંધ , જ્યોતિપુંજ , સાક્ષીભાવ
- કાવ્ય સંગ્રહ :- આંખ આ ધન્ય છે
- અન્ય પદો :- પ્રખર વક્તા , સારા ફોટોગ્રાફર
- પ્રેરણાસ્ત્રોત :- રામકૃષ્ણ પરમહંશ

નરેન્દ્રભાઈ ના જીવન પર સ્વામી વિવેકાનંદ ની ઊંડી અસર છે . તેમણે સ્વામી વિવેકાનંદના મોટા ભાગ ના બધાં લખાણો વાંચ્યા છે . વિવેકાનંદની દેશભક્તિ ની વાતો થી નરેન્દ્રભાઈ ઘણા પ્રભાવિત થતા હતા .

- સૂત્ર:- આપણું ગુજરાત , આગવું ગુજરાત
- પદ :- ગુજરાત ના મુખ્યમંત્રી પ્રથમ વાર (૭ ઓક્ટોમ્બર, ૨૦૦૧)
  (ચોથી વાર :- ૨૬ ડીસેમ્બર ૨૦૧૨)

અત્યાર સુધી ગુજરાતના નેતાઓ કોઈ પણ નિર્ણય માટે દિલ્લીને જ અનુસરતા હતા. નરેન્દ્રભાઈએ આ પ્રણાલિકા બદલી નાખી. ગુજરાતને પોતાનો નેતા મળ્યો. ગુજરાતે દિલ્લીને નહિ, પરંતુ દિલ્લીએ ગુજરાત ને પૂછવું પડે એવી પરિસ્થિતિ નરેન્દ્રભાઈ એ ઉભી કરી.

ભારત ના વડાપ્રધાન :- ૧૬ મે, ૨૦૧૪ ના રોજ ૧૬ મી લોકસભા ની સામાન્ય ચુંટણીઓના પરિણામ જાહેર થયા . જેમાં ભાજપ ને ૨૮૩ બેઠકો મળી. ગુજરાત માંથી ભાજપ ને ૨૬માંથી ૨૬ બેઠકો મળી .

નરેન્દ્રભાઈ એ ૨૬ મે, ૨૦૧૪ ના રોજ ભારત ના 15 માં વડાપ્રધાન તરીકે સપથ લીધા. સોગંદ વિધિ માં સાર્ક દેશો ના વડાઓએ હાજરી આપી . આ સમારંભ માં ૪૦૦૦ થી વધુ મહાનુભાવો એ હાજરી આપી. સંસદ ભવન ના પગથીયા ને મસ્તક નમાવી એમણે દુનિયા ના સૌથી મોટા પ્રજાતંત્ર ના લોકશાહી મંદિર માં પ્રવેશ કર્યો. પોતાના જીવન ની મહામૂલી ક્ષણે તેઓ ભાવુક થયા . અને સંસદ માં હાજર સૌની આંખો ભીની કરી .

કાર્ય :- સવા અબજ ભારતીયો ની આશા અને આકાંક્ષાઓ ની વાત કરી સાંસદો ને એ દિશા માં કાર્ય રાત થવા આહવાન કર્યું . અટલજી , અડવાણીજી ,અને રાજનાથ સિંહ ને તેમણે બિરદાવ્યા. ઈ.સ. ૧૯૮૪પછી પ્રથમ વખત ભારત ના વડા પ્રધાન ની ઈચ્છા મુજબ નું પ્રધાન મંડળ રચાયું . જેમાં ક્વોટા પદ્ધતિ ના બદલે ગુણવતા ને પ્રાધાન્ય આપવામાં આવ્યું . આમ નરેન્દ્ર ભાઈ રીયલ 'બોસ' બન્યા . ભારત ના ઇતિહાસ માં પહેલી વાર ૨૫% મહિલા ઓ ને બેઠકો ફાળવી . પ્રધાનમંડળ માં વંશપરમપરાગત શાસન ના સિદ્ધાંત ને દુર રાખ્યો.

જનસેવા તથા રાષ્ટ્રસેવા નરેન્દ્રભાઈ ના રોમેરોમ માં વ્યાપેલી છે . તેનું સચોટ ઉદાહરણ ઈ.સ. ૧૯૬૨માં ભારત અને ચીન વચ્ચે યુદ્ધ ચાલી રહ્યું હતું . ટ્રેન માં મોટી સંખ્યા માં ભારતીય સૈનિકોની અવરજવર થતી હતી. લોકો જવાનોની સેવા માટે મહેસાણા રેલ્વે-સ્ટેશને

જઈ રહ્યા હતા. નરેન્દ્રભાઈ ઘેરથી માતાપિતા ની રજા લઈ સ્ટેશને પહોંચી ગયા અને સૈનિકોને ચા-નાસ્તો આપવાની સેવા માં લાગી ગયા .

નરેન્દ્રભાઈના ચાહકોને ખાસ કરીને મહિલાઓને તેમાં 'હી-મેન' નાં દર્શન થાય છે. વકતૃત્વકલાના કૌશલ્યને કારણે તેઓ લોકપ્રિય છે.

Meshva Trivedi
2212001010427

UNCONVENTIONAL JOBS

Choosing off-beat careers over medicine and engineering on the rise: What students should know

Choosing off-beat or unconventional careers such as comedy, writing, filmmaking, music production, entrepreneurship, digital marketing, etc. over medicine and engineering is becoming more common now with increased awareness.

A few years ago, the career opportunities in India were few and limited. Today, things are far different. India as a country is going through a transitional phase. Long gone are the days when students would blindly follow the norm of the decade and become either a lawyer, or a chartered accountant. Today's generation is one full of hope and curiosity.

Increased awareness and a desire to pursue hobbies as a career option are making the student abandon conventional courses and try out something different.

Traditional favorites including medicine and engineering have been put on the back burner with more and more students choosing to stand up to orthodox society and its rules.

What you need to know about unconventional careers

Some key points about this new surge in unconventional careers include:

Fields like Social Media Management, Game Development and Digital Marketing are in the forefront, with some of these fields having seen a 400% increase in demand

according to LinkedIn. Think sports management, filmmaking and even stand up comedy.

Career counsellors say that two out of ten students are keen to take up courses related to their hobbies.

Many students are likely to pursue their childhood passions like writing and event management.

While most universities in India still have a lot of catching up to do in terms of out-of-the-box careers, a few colleges have followed these trends, with alternative courses like tea tasting, cartography and puppetry being introduced into the curriculum.

For those who do not want to cast away their safety net, be it their first corporate job or a family business, there are a lot of courses available online that you can do on the side.

How to pursue an off-beat career

Now, as eagerly as you might want to venture into the unknown, convincing your family might prove to be difficult.

Sometimes, parents might find it difficult to follow or understand their children's passions and dreams. They might not be aware of the opportunities that exist today for unconventional careers such as music production or poetry.

- So it is important for today's generation to educate their parents about their interests.
- I think it is also important for the groundwork to be kept ready, and to have thought out the answers to any possible questions that may come your way.
- The more well-informed you are, the more likely your parents are to accept your decision.

- Article by Mohammed Zeeshan, CEO and Co-Founder, MyCaptain

Utsav Modi
206310307005

SMART DEVICES

Smart devices are all of the everyday objects made intelligent with advanced compute, including ai and machine learning, and networked to form the internet of things(iot).

About Smart Devices:-

Artificial intelligence has played an essential role in making our world smarter and smoother. It is not just simulating humans but going the extra mile to make our life hassle-free and simpler. These smarter devices are here to stay in 2023 and even further, as data scientists are working on ai home robots, appliances, work devices, wearables, and so much more! Almost every job needs smart software applications to make our work life more manageable. Smarter devices are another addition to the it industry that is of high requirement and demand as more companies transform into digital spaces. Almost every higher-level job requires a good proficiency in it and automation these days to thrive. This is why simplilearn's rpa course can help you master these skills to achieve par excellence in your career, whether in it, marketing, or management. Here are the best jobs you can venture:

Features of Smart Devices:-

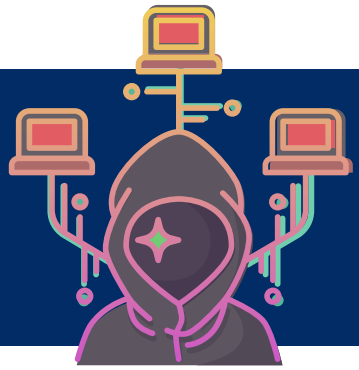
1. context-awareness.
2. autonomous computing.
3. connectivity.

Parts of Smart Devices:-

- It manager
- data scientists
- product testers
- product managers
- automation engineers
- it researchers

Chintan Panchal
206310307180

HACKERS AND HACKING



Who is Hacker?

A hacker is an individual or an organization of people who uses computers, networking or other skills to overcome a technical problem.

What is Hacking?

Hacking is the act of identifying and then exploiting weaknesses in a computer system or network. In other words, To gain access to any unauthorized Organization or any single system is called hacking.

What are the different types of hacking?

Hackers can be divided into categories known as black hat, white hat, and gray hat. The terms derive from the old Western movies of American popular culture, where the protagonists wore white or light-colored hats, and the antagonists wore black hats. Essentially, what determines the type of hacker is their motivation and whether they are breaking the law. Black hat hackers have malicious intent whereas white hat hackers are considered ethical hackers. Gray hat hackers fall in between.

How Hackers Do Hacking?

- **Social engineering:** Social engineering is a manipulation technique designed to exploit human error to gain access to personal information. Using a fake identity and various psychological tricks, hackers can deceive you into disclosing personal or financial information. They may rely on phishing scams, spam emails or instant messages, or even fake websites to achieve this.

- **Hacking passwords:** Hackers use different ways to obtain passwords. The trial and error method is known as a brute force attack, which involves hackers trying to guess every possible combination to gain access. Hackers may also use simple algorithms to generate different combinations for letters, numbers, and symbols to help them identify password combinations. Another technique is known as a dictionary attack, which is a program that inserts common words into password fields to see if one works.

- **Infecting devices with malware:** Hackers may infiltrate a user's device to install malware. More likely, they will target potential victims via email, instant messages and websites with downloadable content or peer-to-peer networks.

- **Exploiting insecure wireless networks:** Rather than using malicious code to infiltrate someone's computer, hackers may simply take advantage of open wireless networks. Not everyone secures their router, and this can be exploited by hackers driving around looking for open, unsecured wireless connection. This is an activity known as wardriving. Once hackers are connected to the unsecured network, they only need to bypass basic security to gain access to devices connected to that network.

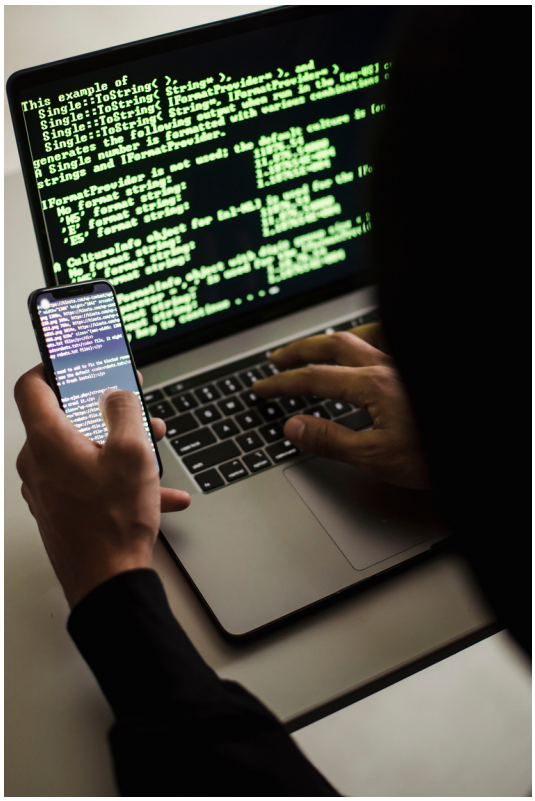
- **Gaining backdoor access:** Hackers may create programs that search for unprotected pathways into network systems and computers. Hackers may gain backdoor access by infecting a computer or system with a Trojan horse, created by hackers to acquire and steal important data without the victim noticing.

- **Spying on emails:** Hackers can create code which allows them to intercept and read emails. Most email programs today use encryption

formulas which mean that even if hackers intercept a message, they can't read it.

- **Logging keystrokes:** Some programs allow hackers to track every keystroke a computer user makes. Once installed on a victim's computer, the programs record each keystroke, giving the hacker everything they need to infiltrate a system or steal someone's identity.

- **Creating zombie computers:** A zombie computer, or bot, is a computer that a hacker can use to send spam or commit Distributed Denial of Service (DDoS) attacks. After a victim executes a seemingly innocent code, a connection opens between their computer and the hacker's system. The hacker can then secretly control the victim's computer, using it to commit crimes or spread spam.



The damage caused by the hacking…

- Steal your money and open credit card and bank accounts in your name
- Destroy your credit rating
- Request new account Personal Identification Numbers (PINs) or additional credit cards
- Make purchases on your behalf
- Add themselves or an alias that they control as an authorized user so it's easier to use your credit
- Obtain cash advances
- Use and abuse your Social Security number
- Sell your information to others who will use it for malicious purposes
- Delete or damage important files on your computer
- Obtain sensitive personal information and share it, or threaten to share it, publicly

Prevention from being Hacked...

1. Use strong passwords
2. Use multi-factor authentication (MFA)
3. Be vigilant against phishing
4. Manage your digital footprint
5. Deleting old accounts and apps you no longer use
6. Keep your devices and software up to date
7. Keep devices secure
8. Avoid questionable websites
9. Turn off features you don't need
10. Don't access personal or financial data with public Wi-Fi
11. Use a good quality antivirus

The history of hacking…

While hacking these days has a mostly negative connotation, this wasn't always the case. In the early days of computer hacking, hackers were seen as technology experts whose main motivation was to customize and optimize. As cybercrime evolved and became more complex and widespread, hacking became mostly associated with malicious activities. Let's look at a brief history of hacking:

1960s

The term 'hacking' became associated with members of MIT's Tech Model Railroad Club, who would 'hack' their high-tech train sets to modify their functions. They later moved on from toy trains to computers, experimenting with IBM 704s to try to expand the tasks that computers could carry out. Early hackers were interested in how they could explore, improve, and test the limits of existing programs. Their efforts often paid off, as they produced programs that were better than existing ones.

1970s

Computer hacking continued in the 1970s but diversified into telephone hacking. Phone hackers, also known as 'phreakers', tried to exploit operational characteristics in the telephone switching network, which had recently become completely electronic. John Draper achieved infamy when he discovered that a toy whistle found in Cap'n Crunch cereal produced the exact tone necessary – 2600 hertz – to indicate to long lines that a line was ready and available to route a new call. This allowed phreakers to dupe the network and make free long-distance calls. Interestingly, it was reported that Steve Jobs and Steve Wozniak were phreakers before founding one of the most successful computer companies in the world.

1980s

In the 1980s, personal computers were no longer limited to businesses or universities – they became more widely available to the public. This increase in availability led to a significant rise in computer hacking. The nature of hacking changed too.

1990s

Hacking really achieved notoriety in the 1990s, with some high-profile cybercrimes and arrests. Notable hackers in this decade included Kevin Mitnick, Kevin Poulsen, Robert Morris, and Vladimir Levin, who were convicted of crimes ranging from stealing proprietary software and tricking radio stations to win expensive cars to launching the first computer worm and carrying out the first digital bank heist.

2000s

Government agencies and large corporations were increasingly subject to cybersecurity hacking. Prominent victims included Microsoft, eBay,

Yahoo! and Amazon, who all fell victim to Distributed Denial of Service attacks. Famously, the US Department of Defense and the International Space Station both had their systems breached by a 15 year old boy.

2010s

With the internet now a central part of daily life, hacking became more sophisticated than ever. New cyber threats emerged on a regular basis. During this decade, the hacktivist group known as Anonymous came to prominence, exposing government secrets and leading digital crusades which they believed furthered the public interest. In response to both hacktivists and rising cybercrime, governments, big corporations and computer giants worked hard to improve their systems. Cybersecurity experts continue to innovate to stay one step ahead of the hackers.

Saurabh Luhar
206310307163

A NOTE TO MY JUNIORS

Dear Juniors,

I am writing this article as a former (alumni) student of your college, and I would like to offer some advice and encouragement as you begin or continue your own college journey.

First and foremost, I want to remind you that college is a unique and valuable experience. You will have the opportunity to learn, grow, and develop both personally and professionally. It's important to make the most of your time in college and focus on your studies. Your academic success is the foundation for your future success, so make sure to stay focused on your coursework, attend all your classes, and seek help when needed.

In addition to your studies, I highly encourage you to get involved in extracurricular activities. Participating in clubs, organizations, and events outside of the classroom can help you develop new skills, make connections with others, and have fun. Joining a club or organization that aligns with your interests is a great way to meet like-minded individuals and make lasting connections.

Networking is another important aspect of your college experience. Take advantage of opportunities to connect with your peers, professors, and alumni. Building a strong network can benefit you both personally and professionally in the future. Attend events, participate in group projects, and reach out to others who you admire or would like to learn from.

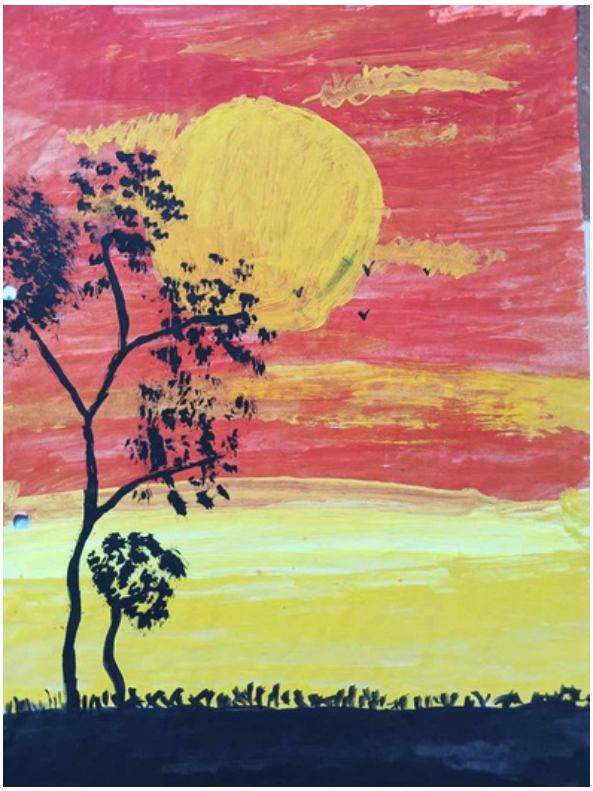
College is also a time for exploration and growth. Embrace new experiences, challenge your perspectives, and be open to new ideas and ways of thinking. Stay open-minded and don't be afraid to step outside of your comfort zone. This is a time to learn and grow as an individual, so don't be afraid to take risks and try new things.

Finally, I want to remind you to work hard and stay motivated. Your college experience will have its ups and downs, but remember to stay focused on your goals and work hard to achieve them. Surround yourself with positive and supportive people who will encourage you along the way. In conclusion, I hope this article provides you with some valuable advice and encouragement as you embark on your college journey. Remember to make the most of your time in college, focus on your studies, get involved in extracurricular activities, network, stay open-minded, and work hard to achieve your goals. Good luck and congratulations on your enrollment at KDP!

Thank you.

Palak Dhobi
196310307017

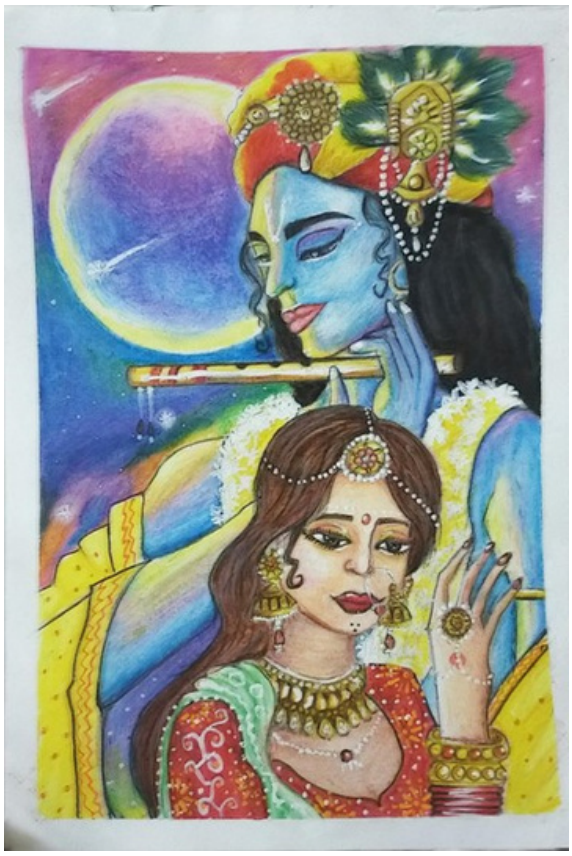
ART GALLERY



The Sunset

Showing Love

Hiral Prajapati
226310307156



Radha-Krishna

Moon Light

River Bank

Sunset at River bank

Pari Modi
2212001016013

SHINING STARS

Diploma Semester 2

No.	Enrollment No	Name	SPI
1	216310307062	ACHARYA NAMRA SHARADBHAI	10
2	216310307072	GOTHI NAMAN DEVDATTBHAI	9.55
3	216310307011	SATHVARA KUSH MAHESHBHAI	9.15

Diploma Semester 4

No.	Enrollment No	Name	SPI
1	206310307095	VYAS VISHVA PRAFULCHANDRA	9.81
2	206310307014	RANA KISHAN PRAKASHKUMAR	9.59
3	206310307094	THAKKAR AAYUSHI MANOJKUMAR	9.59

Diploma Semester 6

No.	Enrollment No	Name	SPI
1	196310307517	GOHIL RAHULKUMAR RASIKBHAI	10
2	196310307025	JANSARI SRUSHTI PRAVINKUMAR	9.77
3	196310307017	DHOBI PALAK SHAILESHKUMAR	9.55
4	196310307047	NAYAK KHUSHI SIBARAMA	9.55
5	196310307010	DARJI MALLIKA SUNILKUMAR	9.55
6	196310307004	BHATIYA DHRUMIL VIPULBHAI	9.35
7	196310307577	THAKOR RAMESHJI KUVARJI	9.32
8	196310307012	DAVE NISTHA MIHIR	9.32
9	196310307085	PATEL JEEL MAHENDRAKUMAR	9.16
10	186310307102	RAVAL AYUSHIBEN HITENDRAKUMAR	9.13

STUDENT'S PARTICIPATON

Course Completion on Web Developer:

In a significant stride towards nurturing the technological prowess of the youth, The National Small Industries Corporation Ltd. Technical Services Centre in Rajkot, Gujarat, recently organized a comprehensive Web Developer course for 10 promising students from the Computer Engineering Department. The course, spanning from July 7, 2022, to August 3, 2022, proved to be an invaluable opportunity for these students to delve into the world of web development and equip themselves with the necessary skills to thrive in the digital age.

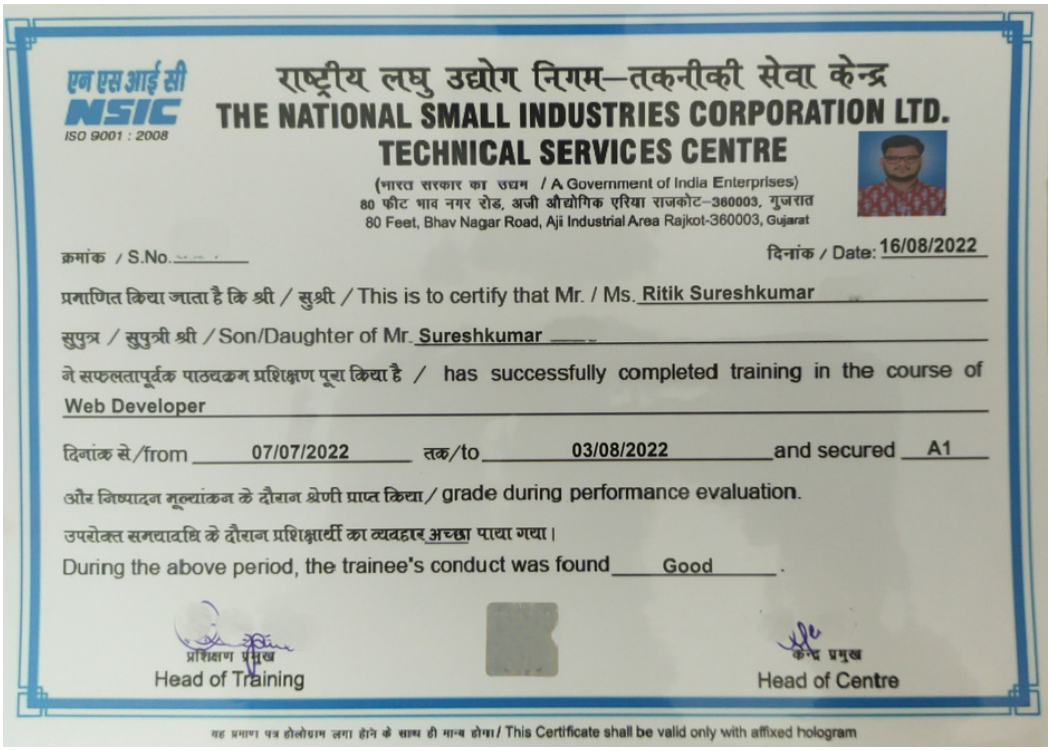
The Journey Begins: Under the guidance of industry experts and seasoned professionals, the 10 students embarked on an intensive journey of learning, exploration, and personal growth. With a curriculum designed to provide a holistic understanding of web development, they dived into the fundamentals, honed their coding skills, and mastered various web technologies. From HTML and CSS to JavaScript and beyond, these aspiring web developers embraced the challenges with enthusiasm and dedication.

Meet the Graduates: The successful completion of the course marks a significant milestone in the journey of these budding web developers. Let's take a moment to meet and acknowledge their commendable efforts:

- **Joshi Ritik S.:** Driven by a passion for innovative web solutions, Ritik S. Joshi displayed an unwavering commitment to mastering the intricacies of web development. His creative approach and meticulous attention to detail make him a formidable force in the field.
- **Saurabh Luhar:** Saurabh Luhar's journey as a web developer was marked by perseverance and a hunger for knowledge. His strong problem-solving skills and adaptability make him well-equipped to tackle complex web development challenges.
- **Shyam Darji:** Shyam Darji's natural flair for design and an inherent sense of aesthetics set him apart. With an eye for captivating user experiences, Shyam's web development prowess promises to leave a lasting impression.
- **Shubham Yadav:** Driven by curiosity and a thirst for innovation, Shubham Yadav's journey as a web developer has been nothing short of inspiring. His ability to think outside the box and implement unique solutions makes him a valuable asset to any development team.
- **Harsh Bharucha:** Harsh Bharucha's unwavering commitment to continuous improvement and his analytical mindset make him a promising talent in the field of web development. His dedication to mastering new technologies sets him apart as a lifelong learner.
- **Poorvik Darji:** With a strong foundation in programming and an innate passion for web development, Poorvik Darji consistently demonstrated a keen sense of adaptability and a hunger for excellence. His ability to learn quickly and adapt to new technologies positions him as a promising web developer.
- **Meetu Desai:** Meetu Desai's love for front-end development and her ability to create visually appealing websites is unmatched. Her attention to detail and passion for user-centric designs make her an asset to any web development project.
- **Patel Anil:** Anil Patel's relentless pursuit of knowledge and his ability to grasp complex concepts swiftly make him a standout in the field of

web development. With a natural aptitude for problem-solving, Anil is poised to make significant contributions to the industry.

- **Deep Patel:** Deep Patel's innate creativity and his ability to think outside the box make him a formidable force in the world of web development. His passion for pushing boundaries and embracing new technologies sets him apart as an innovative web developer.
- **Heppin Darji**: Heppin Darji's determination to learn, grow, and adapt to emerging web technologies makes him a promising talent in the field. With a thirst for knowledge and an unwavering commitment to excellence, Heppin is ready to take on the challenges of the web development landscape.



एन एस आई सी NSIC ISO 9001 : 2008

राष्ट्रीय लघु उद्योग निगम–तकनीकी सेवा केन्द्र

THE NATIONAL SMALL INDUSTRIES CORPORATION LTD.

TECHNICAL SERVICES CENTRE

(भारत सरकार का उद्यम / A Government of India Enterprises)
80 फीट भाव नगर रोड, अजी औद्योगिक एरिया राजकोट–360003, गुजरात
80 Feet, Bhav Nagar Road, Aji Industrial Area Rajkot-360003, Gujarat

क्रमांक / S.No. ...

दिनांक / Date: 16/08/2022

प्रमाणित किया जाता है कि श्री / सुश्री / This is to certify that Mr. / Ms. Ritik Sureshkumar

सुपुत्र / सुपुत्री श्री / Son/Daughter of Mr. Sureshkumar

ने सफलतापूर्वक पाठ्यक्रम प्रशिक्षण पूरा किया है / has successfully completed training in the course of Web Developer

दिनांक से / from 07/07/2022 तक / to 03/08/2022 and secured A1

और निष्पादन मूल्यांकन के दौरान श्रेणी प्राप्त किया / grade during performance evaluation.

उपरोक्त समयावधि के दौरान प्रशिक्षार्थी का व्यवहार अच्छा पाया गया।

During the above period, the trainee's conduct was found Good .

प्रशिक्षण प्रमुख
Head of Training

केन्द्र प्रमुख
Head of Centre

यह प्रमाण पत्र होलोग्राम लगा होने के साथ ही मान्य होगा / This Certificate shall be valid only with affixed hologram

Participation in National Level Symposium:

The realm of technical symposiums witnessed a brilliant showcase of talent as four exceptional students from the Computer Engineering Department participated in Convergence'2022. This prestigious National Level Technical Symposium, organized by Ganpat University on the 14th and 15th of 2022, served as a platform for these students to exhibit their skills, expand their knowledge, and network with industry experts. Let's delve into the inspiring journeys of these bright individuals who left an indelible mark on the symposium.

A Triumph of Brilliance: The participation of these four talented individuals from the Computer Engineering Department in Convergence'2022 stands as a testament to their exceptional skills and unwavering determination. Their success not only reflects their individual brilliance but also highlights the commitment of Ganpat University in fostering a conducive environment for nurturing and harnessing talent.

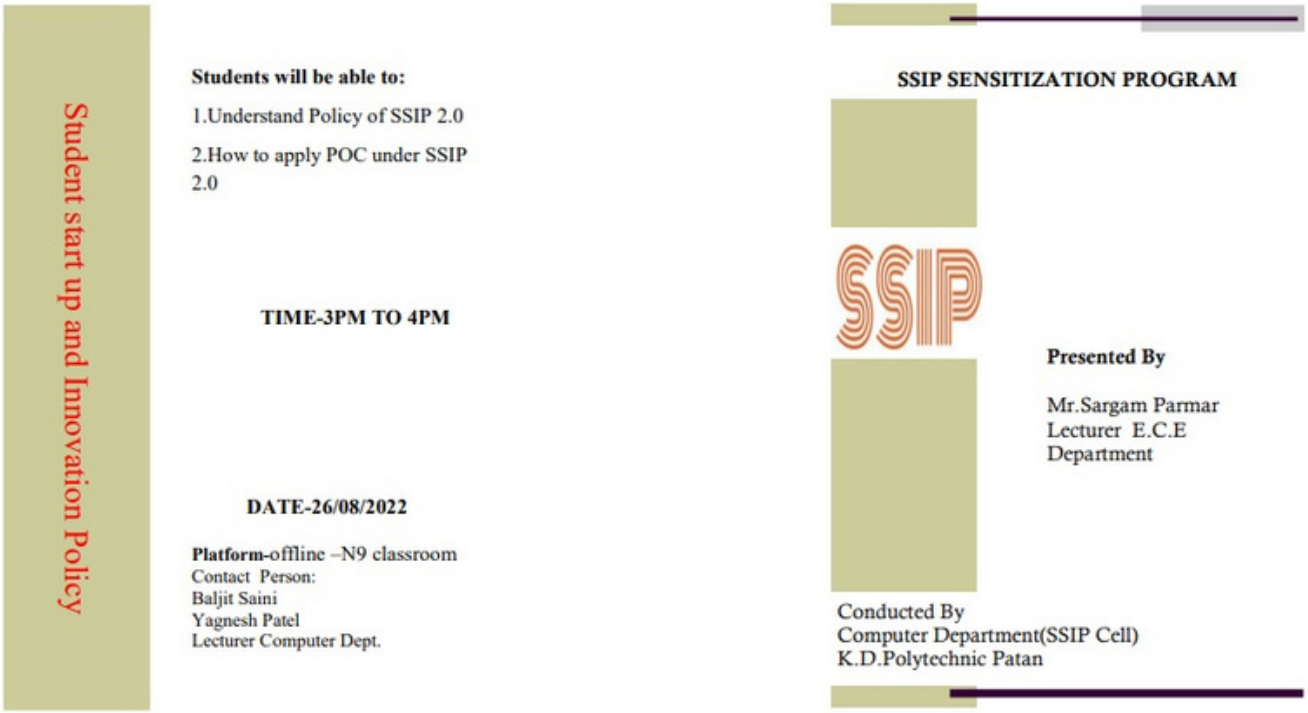
The symposium offered a rich learning experience, enabling participants to engage in insightful discussions, attend workshops, and gain exposure to the latest advancements in the industry. It also provided a platform for networking and collaboration, allowing students to interact with industry professionals and fellow participants, thereby expanding their horizons and fostering connections for future endeavors.

The resounding success of Aryan Patel, Prince Darji, Deep Goswami, and Saurabh Luhar at Convergence'2022 is a testament to their exceptional abilities and the quality education provided by the Computer Engineering Department at Ganpat University. Their participation in this prestigious National Level Technical Symposium not only elevated their personal growth but also brought laurels to their institution.

As these bright minds continue to shine in the field of computer engineering, their participation in Convergence'2022 will be remembered as a milestone in their journey towards excellence. It is through such platforms that the seeds of innovation and the spirit of collaboration are sown, empowering the future generation of technologists to make a profound impact on society.

SSIP Sensitization Program:

In a remarkable initiative aimed at fostering innovation and entrepreneurship, the Department of Computer Engineering organized the SSIP (Student Startup and Innovation Policy) Sensitization Program. The event, held on August 26, 2022, proved to be a pivotal moment for 74 students from Semester-5, as they embarked on a transformative journey to explore the world of startups and innovation. This program aimed to equip the students with the necessary knowledge and skills to embark on entrepreneurial ventures and contribute to the ever-evolving tech landscape.



The SSIP Sensitization Program served as a transformative experience for 74 students from Semester-5 of the Computer Engineering Department. By exposing them to the intricacies of startups, innovation, and entrepreneurship, the program has inspired these students to think beyond the conventional and embrace the possibilities of creating their own ventures. As they embark on their entrepreneurial journeys armed with knowledge, inspiration, and a newfound entrepreneurial mindset, they have the potential to shape the future and contribute to the technological advancements of our society.

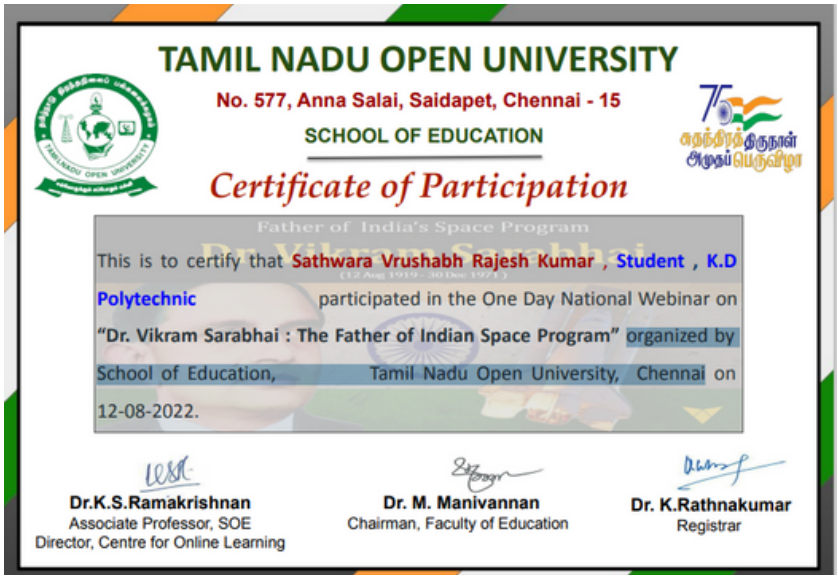
Commemorating Dr. Vikram Sarabhai: Computer Department Student Shines at National Webinar:

In a fitting tribute to the visionary Dr. Vikram Sarabhai, the School of Education at Tamil Nadu Open University, Chennai, organized a one-day national webinar. The event, held on August 12, 2022, from 3:00 PM to 5:00 PM, aimed to honor the contributions of Dr. Sarabhai as the Father of the Indian Space Program. Among the participants was a talented student from the Computer Department, whose presence at the webinar exemplified their passion for space exploration and their desire to learn from the pioneers in the field.

Celebrating Dr. Vikram Sarabhai's Legacy:

The national webinar served as a platform to celebrate the remarkable

achievements and contributions of Dr. Vikram Sarabhai, an iconic figure in India's space research history. Participants were exposed to Dr. Sarabhai's groundbreaking work, his vision for the Indian Space Program, and the impact he had on the country's scientific community. The webinar aimed to inspire and motivate aspiring individuals to follow in his footsteps and contribute to the advancements of space science and technology.



TAMIL NADU OPEN UNIVERSITY

No. 577, Anna Salai, Saidapet, Chennai - 15

SCHOOL OF EDUCATION

Certificate of Participation

This is to certify that Sathwara Vrushabh Rajesh Kumar , Student , K.D Polytechnic participated in the One Day National Webinar on "Dr. Vikram Sarabhai : The Father of Indian Space Program" organized by School of Education, Tamil Nadu Open University, Chennai on 12-08-2022.

Dr.K.S.Ramakrishnan
Associate Professor, SOE
Director, Centre for Online Learning

Dr. M. Manivannan
Chairman, Faculty of Education

Dr. K.Rathnakumar
Registrar

The one-day national webinar on Dr. Vikram Sarabhai served as a testament to his enduring legacy and remarkable contributions to India's space program. Through their participation, the student from the Computer Department demonstrated their passion for space exploration and their commitment to learning from the visionaries who have paved the way. As they continue their academic journey, inspired by Dr. Sarabhai's remarkable achievements, they are poised to become the next generation of leaders and innovators in the field of space science and technology.

Igniting Innovation: Computer Department Students Excel at Azadi ka Amrit Mahaotsav Hackathon 2022

In a celebration of India's 75 years of independence, the Education Department of the Government of Gujarat organized the Azadi ka Amrit Mahaotsav Hackathon 2022. This prestigious event, held on October 7th and 8th, witnessed the participation of 22 talented students from the Computer Department. With their innovative ideas and technical

expertise, these students showcased their prowess in solving real-world challenges, highlighting their commitment to driving change through technology.

The Azadi ka Amrit Mahaotsav Hackathon 2022 provided a platform for 22 talented students from the Computer Department to showcase their technical skills and problem-solving capabilities. Their active participation in this event, marked by innovative ideas and projects, highlights their dedication to leveraging technology for societal betterment. As these students continue on their educational journey, they carry with them the spirit of innovation and a determination to drive positive change, contributing to the growth and development of the nation.

K.D.POLYTECHNIC PATAN					
COMPUTER ENGINEERING DEPARTMENT					
HACKATHON-2022(STUDENT PARTICIPATION)					
Hackathon Date:7/10/2022,8/10/2022			Venue	U. V. Patel College of Engineering	
Sr.No.	Team Id	Student Name	Enrollment No	Semester	Problem title
1	TM000472	Shravan Rana	206310307108	5	Online birth and death certificate system
2	TM000472	Jansari Kashish Arvindkumar	206310307068	5	Online Birth and Death Registration System
3	TM0000472	Darji krima shaileshbhai	206310307127	5	Online birth and death registration system
4	TM000472	Prajapati dipaben kamleshbhai	206310307013	5	Online birth and death registration system
5	TM000472	Sathawara Vrushabh RajeshKumar	206310307157	5	Online Birth and death Registration System
6	TM000526	Patel trupal chandrakant bhai	206310307123	5	Taluka panchayat website
7	TM000526	Chauhan Dhruv Tikendra Kumar	206310307114	5	Taluka panchayat
8	TM000526	Patel Samarth GirishKumar	206310307098	5	Taluka Panchayat Website
9	TM000526	Patel Dhruv Mukeshbhai	206310307124	5	Taluka Panchayat Website
10	TM000526	Shashank Pandey	206310307128	5	Taluka panchayat website
11	TM000526	Chauhan Dhruv TikendraKumar	206310307114	5	Taluka panchayat
12	TM000526	Patel harsh	206310307096	5	Taluka panchayat
13	TM000526	Patel Dhruvil Hasmukhbhai	206310307091	5	Taluka panchayat
14	TM000526	Patel purv kamleshkumar	206310307126	5	Taluka panchayat
15	TM000107	Patel Man Bharatbhai	206310307173	5	Court case system
16	TM000107	PATEL DEEPKUMAR RAMESHBHAI	206310307138	5	CES (App for Court Case Event & Status)p
17	TM000893	Daksh Prajapati	206310307033	5	ChatBot for GTU
18	TM000893	Patel vraj sanjaybhai	206310307031	5	Gtu chatbot
19	TM000102	Panchal Chintankumar bhupendrabhai	206310307180	5	Case hearing system
20	TM000102	Mansuri Naved Yakubbhai	206310307151	5	Case hearing system
21	TM000102	Aryan Patel	206310307175	5	Case hearing system
22	TM000232	Dhobi Palak Shaileshkumar	196310307017	5	Develop online complaint register for DDO Office Patan

Empowering Future Innovators: Computer Department Students Engage in SSIP 2.0 Sensitization Program

In an effort to foster innovation and entrepreneurial spirit, the Computer Department at K.D. Polytechnic Patan organized the SSIP 2.0 Sensitization Program. On October 11, 2022, from 10 AM to 12 noon, 61 enthusiastic students attended a session aimed at familiarizing them with the Student Startup and Innovation Policy (SSIP) 2.0. This program served as a catalyst for inspiring the next generation of innovators and equipping them with the necessary knowledge to thrive in the entrepreneurial landscape.

3 BUNIYAD - PATAN

પાટણની કે.ડી. પોલિટેકનીક કોલેજ ખાતે એસએસઆઈપી સંબંધીત સેમિનાર યોજાયો

(બુનિયાદન્યુઝ, પાટણ)

ભારત સરકાર નાં આઝાદીકા અમૃત મહોત્સવ અંતર્ગત સ્ટુડન્ટ સ્ટાર્ટ-અપ રિસર્ચ એન્ડ ઇનોવેશન ફેસ્ટિવલ ની ઉજવણીના ભાગરૂપે કે. ડી. પોલિટેકનિક કોલેજ, પાટણ ખાતે વિદ્યાર્થીઓને સરકારની એસએસઆઈપી ૨.૦ પોલિસીના સુચારું અમલીકરણ તેમજ માહિતી માટે એસએસઆઈપી સંબંધિત સ્ટુડન્ટ સેન્સિટાઈઝેશન ઈવેન્ટ નું આયોજન કરવામાં આવ્યું હતું. જેમાં સંસ્થાના આચાર્ય શ્રી આર. એમ. શેખ સાહેબ, એપ્લાઇડ મિકેનિક્સ ના વડા શ્રી એમ. ડી. પરમાર સાહેબ તથા પાટણ નગરપાલિકાના ઉપપ્રમુખ શ્રી ધર્મેશભાઈ પ્રજાપતિ મુખ્ય અતિથિ તરીકે તેમજ હિમાશી કિચન યુ ટ્યુબ ચેનલ અને હિમાશી કિચન એમએસએમઇ હેઠળ જય હરી બ્રાન્ડના સંચાલક શ્રીમતી હિમાનીબેન પ્રજાપતિ અતિથિ વિશેષ તરીકે ઉપસ્થિત રહ્યા હતા તેમજ આ પ્રસંગ ને અનુરૂપ વિદ્યાર્થીઓનો ઉત્સાહ વધારવા પ્રેરક પ્રવચન આપ્યા હતા.

શિક્ષણ વિભાગ ની સુચના મુજબ સમગ્ર રાજ્યની ૧૭૫ યુનિવર્સિટીઓ/સંસ્થાઓમાં તારીખ ૧૭/૦૯/૨૦૨૨ થી તારીખ ૧૫/૧૦/૨૦૨૨ સુધી આઝાદી કા અમૃત મહોત્સવ અંતર્ગત સ્ટુડન્ટ સ્ટાર્ટ અપ એન્ડ રિસર્ચ ઇનોવેશન ફેસ્ટિવલ ની ઉજવણી કરવાનું નક્કી થયેલ છે આ ઉજવણીના ભાગરૂપે કે. ડી. પોલિટેકનિક, પાટણ ખાતે વિદ્યાર્થીઓને સરકારની એસએસઆઈપી ૨.૦ પોલિસીના સુચારું અમલીકરણ તેમજ માહિતી માટે એસએસઆઈપી ૨.૦ સંબંધીત સ્ટુડન્ટ સેન્સીટાઈઝેશનઈવેન્ટ નું આયોજન કરવામાં આવ્યું હતું. જે અંતર્ગત સંસ્થા ના જજીંગ સેલ કોઓર્ડીનેટર શ્રી ડો. હિતેશ પટેલ દ્વારા કોલેજના વિદ્યાર્થીઓને સ્ટાર્ટ અપ અને ઇનોવેશન પોલીસી ૨.૦ (એસએસઆઈપી ૨.૦) અંતર્ગત વિદ્યાર્થીઓને મળવા પાત્ર થતા વિવિધ લાભો અંગે માહિતગાર કરાયા હતા.

The SSIP 2.0 Sensitization Program at K.D. Polytechnic Patan served as a catalyst for nurturing the entrepreneurial spirit within 61 computer department students. By providing insights into SSIP 2.0 and its initiatives, the program has inspired these students to embrace innovation, creativity, and problem-solving skills. As they embark on their entrepreneurial journeys, armed with the knowledge gained from this program, they have the potential to become the driving force behind economic growth and make a significant impact on society.

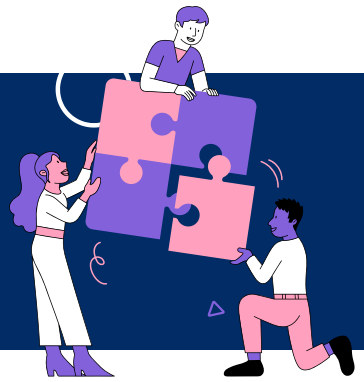
Seminar on " THE ROLE OF PHYSIOTHERAPY IN WOMEN'S HEALTH"

તારીખ 09/09/2022 ના રોજ કે. ડી. પોલીટેકનીક, પાટણ સંસ્થાની વિધાર્થીનીઓ અને મહિલા લેક્ચરર માટે Women Development Cell દ્વારા THE ROLE OF PHYSIOTHERAPY IN WOMEN'S HEALTH વિષય પર ડો.અની જોશી દ્વારા સમય બપોરે ના ૦૩:૦૦ વાગ્યે સેમિનારનું આયોજન કરેલ. આ સેમિનારમાં આશરે ૪૦ જેટલી વિધાર્થીનીઓએ અને ૧૦ મહિલા લેકચરરેભાગ લીધેલ.આ સેમિનારમાં સ્ત્રીઓના સ્વાસ્થ્ય માટે ભોજન, વર્તમાન જીવનશૈલી, ખોરાકની આદતો, તણાવ અને અન્ય ઘણા કારણો અને પરિબળો છે,

આજની આ દોડધામવાળી જીંદગીમાં એ બાબત બહુ સ્વાભાવિક છે કે મહિલાઓ તેમની નોકરી અને તેમના પરિવાર પ્રત્યેની જવાબદારીઓ નિભાવવા દરમિયાન મોટાભાગે પોતાના સ્વાસ્થ્યની ઉપેક્ષા કરતી હોય છે. મહિલાઓના સ્વાસ્થ્ય પ્રત્યે વધુ જાગૃતિ લાવવા માટે અવેરનેસ કેમ્પ માં મહિલા સ્વાસ્થ્ય અને સશક્તિકરણનો સંદેશ અપાયો હતો.

દરેક સ્ત્રીએ જીવનમાં ફિટનેસ, ન્યુટ્રેશન અને હાઈજીન આ ત્રણ મંત્રને ધ્યાનમાં રાખવા જોઈએ, જેથી તેમના જીવનમાં ઉદ્ભવતી અનેક સમસ્યાઓનું સમાધાન થઈ જશે.

TEAM COMPUTER DEPARTMENT



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CONTRIBUTORS

A Heartfelt Thank You: Celebrating Contributors:

As we reach the final pages of PRAWAH, our Department magazine, we want to extend our deepest gratitude to the Principal, HOD, faculty members and the exceptional students who have made PRAWAH a success. Their contributions and support have shaped PRAWAH into a platform that reflects the talent and spirit of our college community. We express our heartfelt thanks to all those who have played a role in improving PRAWAH.

We are grateful for your support, dedication, and commitment to making PRAWAH a cherished publication. Your creativity and passion have made PRAWAH a resounding success. Thank you for being a part of this incredible journey.

We would like to acknowledge and celebrate the following student contributors whose exceptional work has made PRAWAH remarkable:

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5. Chetan Dave
6. Mesva Trivedi
7. Chintan Panchal
8. Palak Dhobi
9. Hiral Prajapati
10. Pari Modi

TEAM PRAWAH

Welcome to the world of Team PRAWAH, the creative powerhouse behind our college magazine. Comprised of a diverse group of talented individuals, Team PRAWAH is united by a shared passion for showcasing the vibrant spirit and immense talent within our college community. With each edition, we strive to captivate readers, inspire minds, and leave a lasting impression through our engaging content, captivating design, and thought-provoking articles. Allow us to introduce the remarkable individuals who make up Team PRAWAH and bring the magazine to life.

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