Response 1
Today we know more about 5g technology and their application. We understand that we have to invest time in 5g and know more about it in deeply, it will help us in future like in job and new technology related field. Technology is growing very fast So we have to adopt it, otherwise we will regret in future . Government is also investing money in 5g , so we have to give time to 5g and use its resources wisely and support government to grow in field of 5g technology .   we have to focus on 5g applications and cloud to grow in this field.   we have to give time and efforts , if we want to grow by ignoring the person who demotivating us. And also do not blame other if we fail because we learn new thing when we fail.And if we are thinking that we can grow fastly by using internet provided free source then we are wrong we have to invest time in it and research about it by own because free sources are always useless and important resource do not available freely.
AI will rule the world
AI WILL BE THE NEW NORM SOON
Today's lecture was very knowledgable and I got to know how to carefully choose domains. Although I am not that aware of the technicalities going behind modern networks and computational technologies like 5G or blockchain, but I am looking forward eagerly and have already started a bit to explore the areas. The market and its demand is constantly changing and we have meticulously look at the changes and accordingly choose our domain.   I am confused though that exactly how to do it? Shall I just surf the internet, whichever topic I want to explore? That also has a lot of content, then how to decide what to see and what to ignore?   I want to start early so that even if I fail I will have enough time to switch and do well.
Present in Today's Class (31/10/2023)
Session was good.And had given knowledge is too good and i do 5 g if i see my scope in 5 g technology
Ok I am present in class
Honestly speaking in my opinion today's IT lecture was so useful.   Sir had given us knowledge about new fields in technology and also told us about the importance of 5G.   As 5G helps us in a better way to connect to the world ,it help us in better and easier communication   So I believe that we should explore more in technology.
5g is a new future of India...5g is similar to "NO"...   5G used in technology like AI, Android, websites,games.   Our government invested around 2000 crore for youngsters to do something important in this new technologies....   5g is so important in India like country   Also lecture was so informational and awesome to understand
Sir u explained that how technology can change the world and u also taught importance of AI ML.Sir did great in 5G technology. 5G expected to boost the global economy.   Sir you inspired us a lot.
sir today you told regarding the 5g initiatives taken by the government of India and uses of these initiatives. The practical uses of technology in real world . Time changes as multiple technologies come into market like how languages importance changed in the market as value of c was very high in 2000 and now value has decreased. 5G is more flexible in its architecture and has high speed and bigger spectrum. 5G has great importance and it can help transform the way of communication to a different way.5g contributes to the GDP.5G is more reliable and communication can be done faster without any delay. You told that the need to understand the future technologies as there is a lot of scope in these technologies. The need to take up project and develop technologies for the development of the nation as government is providing funds for us to develop technologies so that we can develop and the nation doesn't need to buy the final technologies which delays the development. Cloud application in 5G has a lot of scope and we must do research in these fields. There is need for researching in the field of cloud computing and even in the field of A.I and M.L. Even we fail we should try again and the success percentage is more than 90 percentage if we try. We should be the reason for our failures so we should not get influenced by other peoples decision and make decision on our own .
Ok.   THANK YOU SIR!!
5g can be used to relate different arenas. It can act as a bridge between culture and metaverse, ai and 5g networks. The expansion of the 5g use cases is taking place gradually in various areas like agriculture, medicine etc. There were many barriers to this development. But now 5g is expected to boost the economy.   This discussion has enlightened us about the field of 5g networks and has introduced us to futuristic opportunities.
This is very interesting for me.

Sincerely speaking, sir has taught both the technical as well as financial knowledge very promptly and in very accessible manner. The knowledge of modern technology with 5G use is of much more use in current situation 5G has reached the massive community and has uplifted the technical field 5G has changed the way of communication for the world.
Sir I felt the talk was both helpful and insightful regarding the 5G technology. Although I don't have much prior knowledge about this topic, i fell the idea of metaverse and cloud computing will surely boom in future. I feel interested in this topics and will surely look into this more deeply.
Till now I was confused with the importance of government in my life, but today I saw the wider spectrum about world. It feels good when u realize that you know something, especially when it may impact your life, I was not much curious about 5G when we went to IIT but today it makes more of sense after the argument that government has the data. Now on I think I shall put some more effort in exploring the stuff vivid from the academics only. btw I discovered this site which got me interested a lot that maps every aspect about 5G. https://map.sciencemediahub.eu/5g
Hi Sir, I am Reshwanth,   Todays topic of dynamic memory allocation is found to be very innovative to me. I learned a lot during this session. I learned that malloc can be used instead of arrays so that we can use memory efficiently. The session was very good. I came to know that the introduction of 5G and 6G in our lives makes it easier to connect with others. And we can also see the improvement of AI ML in the field of CSE. And i would love to know a lot about these artificial intelligence and i also have interest in web designing and Graphic Designing. I would also like to explore the fields of web designing, cyber security , etc. I would like to study about these topics and find my interest.
5G is boost our economy.When I attended 5G use case lab in IIT GANDHINAGAR, it is a moving point to look into the 5G and also 6G .5G can change our technology very fast . AI ML is also support our technology
As per my aspects , I have learnt that there are many fields in IT and want to explore it. The technology is much more expanded and try to find something new to expand it more. As I don't know much about other fields in IT , I'll explore it and choose a field in which I found the interest and I'll research that. So In today's class we have learnt more about the technology.
My interest in technology has increased a lot,I am being more curious of how technology works and I'll try to expand my knowledge in this field!
Present
Today sir told us about how Python was not much of a thing in the past but has gained more popularity in the last decade because of how easy and convenient it is to code in it + the huge collection of libraries and packages which are available in python. Apart from this, he also encouraged us to learn more about 5G and 6G as they are the future. In the upcoming years, they'll be many 5G use case labs established everywhere.
What ever we'll do that would be the best for our future and do it in a way that's our own and not dependent on anyone else so that our failure or our success would only be mine.
The session was good . I came to know about the importance and future of 5G-6G technology and networking , that all the things are connected together in IT sector and these technology will gonna to have a big future, this session would gonna to kick start my brain to think more over it.
In todays class I learned about we should ALWAYS FIND new aspects of technology , we need to adopt technology and to find its application in aspects to solve problems and to make complex things easy , whether its 5g or other technology there are applicable everywhere as we use word NO in daily life ,In same way could use 5g or even 6g to our daily life techs. We need to learn all deep aspects of technology and its dynamics of working ,which helps to fill the gap between programmer and technology .
Sir I am Present.
5g usecase: 5g is our future.India invested around 2000 crores in IT sector. 5g is like to say "NO" ,we say everytime "No means No". One should know where to invest and invest it precisely.

Dear Sir, you today taught about memory allocation (malloc) which is about dynamically allocating a single large block of memory with the specified size. You taught some upcoming technologies like 5G, AI , Blockchain. You also discussed that we should invest in those things which we know will give benefit in future. You discussed about the Rs.1000 5G Book which you bought, because you know this will benefit you and is the upcoming technology. And many points you discussed but I can't remember clearly.
applications of 5G technology ,something about that government involvement in technology ,introduction to 6G,Mialoc ,Metaverse ,AI/ML, Cloud, frontend, edge computing, blockchain ,AR/VR these topics discuss in the class
It's a wireless network that connects all globally. After 4g it's a network made to speed up the connections
5G, metaverse, malloc, 6g , aii ml, file type
I think 5G is still growing in India but I am not sure about how much the technology will grow out here.Right now I have not discovered any fields related to IT but I will make sure to read and understand them after the mid-sems and try to do what I think can give the best valuation to me .
In today's class i get to know about 5g initiative taken by the government of india and its applicable.The development of 5G technology has prompted much anticipation among the tech community and the masses. 5G has been dubbed as the next revolution in cellular technology, which will bring the people of this world even closer. The technology marks an evolutionary jump in terms of connectivity speeds, utility and business use cases of 5G.It has also seen communication of very minimal latency,this would mean that there would be no significant delay times associated with the network, making it much more reliable and enabling seamless real-time access to technology.
I learned from this class that it is very important to adopt new technologies and never be reluctant to learn new skills ,otherwise we may miss the opportunity which could have given us the much required breakthrough. We must invest in the future to reap the benefits of early adopter. Thank You Sir
5G Labs provide advanced technology testing and research. Users find them beneficial for exploring new applications like faster downloads and better video calls. Labs encourage innovation, helping inventors create cool gadgets. Feedback is mostly positive, but it's essential to keep improving to benefit everyone in the future.
5G IS MORE FLEXIBLE IN ITS ARCHITECTURE AND CAN RUN MULTIPLE NETWORK VIRTUALLY ON SAME INFRASTRUCTURE AND 5G HAS ENHANCED BROADBAND THAN OTHER NETWORKS.
sir aapne bhut achhe se samjhaya hai sir we are with you we appreciate your hardwork and I am sure sir aap jo bhi batayenge wo useful hoga sir aapne aaj 5g technology or government ka interest hai technology me invest karne me cloud based technology or AIML ke bare me bhi bataya
I did not understand much, I have read the concept in this class and in other previous class too, but there is a problem in writing the code.
We learnt about technology and the future which lies within it. 5G is the future. India invested about 2000 crores. 5G usecase is prominent in present time.
Starting in the lecture i learned about dynamic memory allocation malloc and free then sir tells about the 5g lab that was so interested and provides us so much important things that we ever know.
5 G technology is just an application to us Government are taking various initiatives for us and investing huge amounts just for the sake of our technical development ,we should try to discover our own interests in different domains not just for us but for the whole country's technical development Sir u explained a lot well for us and inspiring us for pursuing various domains on the basis of our interests
Artificial Intelligence (AI) is a field of computer science focused typically require human intelligence. 5G,has data rates, low latency, and increased capacity, including the Internet of Things (IoT), augmented reality (AR), and more.
Today's lecture was really interesting as well as informative for most of the students. We got a new perspective regarding 5G technology .5G technology promises significant benefits across multiple technological fields. In healthcare, it enables real-time patient monitoring and remote surgery. Autonomous vehicles will become safer and more efficient, thanks to 5G's low latency and high bandwidth. The Internet of Things (IoT) will thrive with seamless connectivity among devices, transforming smart homes and cities. Augmented and virtual reality experiences will be more immersive, while entertainment and gaming industries will offer high-quality streaming and interactive content. The major upcoming future that is metaverse is a term coined for an entirely virtual world where almost every day to day task would be possible without even going to the respective workplace would be one of the greatest revolution in technological world. 5G's impact spans various sectors, driving innovation and improving overall quality of life.

Slr,

i know this is wrong to ask questions in a quiz;

But,i'd like to ask about the differance between data scientist,data analyst,web develooper,vloud developer,cryptographer,

because-,in a in internet there are diferent versions of explanations and different suggestions to take in each path.

Dear sir, today you started the class with 'chalo aaj ek chhota sa topic karte h' and the topic was dynamic memory allocation in c.
In that you elaborated on malloc which is about dynamically allocating a single large block of memory with the specified size. And if our input that limit then the compiler will return a null result. After the completion of this topic, you moved towards the other domains like 5G,AI, Blockchain. What was more interesting was you encouraged us to follow our own interest and not to blindly believe on any senior or faculty. You then finished the class by explaining paper pattern,syllabus of mid sem examinations. May be you have discussed more but I can recall these much only.Thanks for your efforts.

5g labs are amazing. If i get a chance to visit the lab again i would love too/ And i will surely consider this as a future option for job prefernce

Also I would love to explore this new field of technology. As a growing Option for job and also a great economic sector.

I learned about the areas where I (as a application developer) should focus, and which has the potential to rise. The areas include frontend, blockchain, cloud computing, edge computing, metaverse. And knowledge of business (entrepreneurship), application development using blockchain, and deployment.

I'm extremely impressed with the 5G labs. The equipment and the expertise of the staff are truly remarkable. The lightning-fast data transfer capabilities make it a perfect hub for research and innovation in the field of 5G technology.

Dynamic memory allocation with use of mallac function instead of array also learned that government is interested in 5g and giving incentives and also support the student interested in this company like Infosys, TCS, Wipro also interested and looking forward that we. Can use 5g and make some good project of it

Today sir told us about firstly dynamic memory allocation and then sir tell us we will gain the knowledge

 about 5G and 6G technology it's very helpful in our future.
after that sir told us the python language is also more useful in technology

The main aim was to study in cloud system and 5g network technology

5G labs are places where experts work on making super-fast, reliable wireless internet (5G) better. They're like creative hubs for new tech that will connect our devices even faster. I believe the Government's Initiative of investing in the 5G technology will act as a cornerstone towards a global technological revolution as well spread those benefits towards others sectors as well.

ok i am present in class....

Today I learned about dynamic memory allocation with use of mallac function instead of array also learned about 5g and government is interested in 5g also providing funds. Big companies also looking forward to usecase of 5g

I learned the areas in which I should take interest.

I learned that we should believe on the professors instead on believing on seniors otherwise we should remorse in future.

5G Labs are amazing! They have cool tech that helps connect things super fast. Keep it up, and it'll be even more awesome!"

Have to learn skills apart from what normally everyone learns investing time .

We learned about 5g network and it's latency.

ai , ml , filetype and free , 5g , 6g

Sir i have learned many things from your lecture. today i have learned about 5g technology . due to this 5th generation of wireless technology

we are able to attend a high speed of internet service ,it can offer peak data rates of up to 10 gigabits per second (Gbps).One of the most important features of 5G is its low latency. I am also intrested in learning IOT i.e internet of things and about the fact that how iot can make the human life easier. various devices like ac ,lights and many other devices are conneted to one another through web clouds . this is 5g technology

 which provide us the technology to do so. i have also learned that how artificial intelligence can help us to do so.

In this class I learned about dynamic memory allocation which means to allocate memory while the program is running. This task can be performed by malloc[egg],free[egg] then after we went to the discussion of 5G, 6G. I have got many insights of coming up technology and how it is being useful in many areas

Thank you

Today we learned Dynamic Memory Allocation using malloc() where it allocate memory from the heap. Everytime we free the memory after the use of memory. Class was fabulous ,i understood each and every topic very well. Wishing to learn software development in future.
Invest of our time on which can be demand for future.sometime it can take long time but in future we will succeed in that.
Sir to be honest. I am really fascinated by all these 5G use cases, IoT, Electronics but i don't know how to start i have worked with IoT a bit in school just basics but wasn't able to continue it. I agree that i am lazy but there is also a lot of pressure of studies too which i am not able to manage yet. Therefore i would like to know about it more.
Understanding the logical framework of 5G networks, including core network functions, radio access technologies, and how they integrate, is fundamental. This includes knowledge of concepts like Network Slicing, which helps in future many more. In IIT gandhinagar the session is quit interesting.
sir n bahut sari batte smjhaya sir n aaj 5G technology k bare m bataya sir n bataya ki goverment bahut interested hai technology mai sir n bataya ki AI m duniya kitni aage badh gayi h
Sir , your lecture was very inspiring and it helped me further clear my doubts about networks and the future of it. I was amazed to find out about the potential of AI, Cloud and 5g. You made me understand the concept of sustainability thoroughly. The lecture guided me and emphasized on focusing on particular domains rather than running for many of them at the same time. I got to know that practical knowledge is more important for career and one must continue to stay industry demand relevant for receiving incentives. We should be thinking ahead of time and work on ourselves. Thank you for sharing your valuable experience with us sir.
I could infer these from the session: About 5G:It is a significant advancement in mobile communication. It is useful for improved connectivity Metaverse:The metaverse is a concept that envisions a shared, interconnected virtual space where users can interact with each other and digital environments in real-time. It combines elements of virtual reality (VR), augmented reality (AR), the internet, and online gaming to create a vast and immersive digital universe. Economy and Commerce: The metaverse has its own economy, where virtual assets, cryptocurrencies, and digital goods are bought, sold, and traded. Social Interaction:Users can communicate with others using avatars, engage in virtual events, attend virtual conferences, or simply hang out with friends in virtual spaces. Entertainment and Gaming: Gaming is a significant part of the metaverse, but it goes beyond traditional gaming. It includes live concerts, theater performances, and other forms of entertainment.
5G can improve our technology very fastly.as our country is developing we have to take help the technology to develop rapidally.we should invest our time and money in these field instead of idea which is easily available on social media and we can develop our skill as well as earn a lot.
well I am still stuck with what to choose in the future like there are enough fields to try but can't go on with all 5g on the other hand, it is a newly developing field with a lot of potential and is a bridge for 6g in future and so on so its a never ending process and a potential future choice and I might choose it to learn but still stuck with old ideas. So with a little bit of hope and enthusiasm, i will try to reach out the field.
The lecture was fabulous, I understood the whole concept of dynamic memory allocation. We would like to learn about machine learning and ML algorithms in future.

In today's class , I got the opportunity to know more about the 5G, its uses and scope in future. I realized the importance of 5G in todays time and its immense use and thus the scope in future that it may not be the only but one of the most useful and dominating field . Working in this will provide us a good opportunity to explore and discover a newer field. I got to know that even the government is investing heavily (as Sir said , about 2000 crore in the country itself) on these kind of technologies . These technologies like AI, ML, 5G and its applications will be covering an important part in the near future as it has already started to do.

I learnt about 5G and its uses that how it is faster and more reliable and will provide flexiblity in future . Just like as the world started with the advent of C , then it went on java, python, php and others and as it progressed and is progressing until now and thus , we should also focus on newer technologies and should develope ourselves in order to excel with the increasing and modern advancement in the field of technology.

I will try to explore some of the fields that i found i am more interested in and will give my best in everything that i do.

I realized that I need to work in order to explore more and more field and get guidance from the right person who had knowledge in this field and that I should try things . Even if i fail, I will learn from it and will try to improve my mistakes in the future.

I also learnt that i should not get influenced by others who try to demotivate me and distract me from trying and exploring different things and should focus on my work without caring about any kind of mocking or something like that from others.

Starting in the lecture i learned about dynamic memory allocation malloc and free then sir tells about the 5g lab that was so interested and provides us so much important things that we ever know

He tells about the 5G is the next-generation wireless data network that's going to be FASTER, MORE RELIABLE, AND MORE SECURE THAN 4G. As a standard, 5G will deliver speeds up to 30 times faster than 4G, while also being able to connect more devices and users simultaneously . Sir also motivates us to go in the right path

Al last he is a good motivator

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the session was interactive and we got to learn that we should risk our decisions on our own will and not on others say which would guarantee me that my success or failure would just be mine and keep my future in my hands.

Starting in the lecture i learned about dynamic memory allocation malloc and free then sir tells about the 5g lab that was so interested and provides us so much important things that we ever know.

Today sir told us about the dynamic memory allocation first and then malloc() and free().

Later he told us about the metaverse and how 5G 6G lab cases are going to establish everywhere in the future. Then he also encouraged us to learn more and more in the field of technology as it is becoming the most important way to secure your future.

Then also he told about the python, it's use and benefits in the future.

5G technology is very useful in difference field like cloud, frontend, edge, computing, blockchain ,gaming, AR\VR etc.. 5G technology transform various industries and our daily lives through faster, more reliable and low latency connectivity. It can help to build smart city with better connectivity, for public safety, entertainment, it also helpful for education to improve quality. One of the largest use of 5G technology is for remote work with fast and reliable internet access.

These technologies are shaping our future and have the potential to transform various aspects of our lives and industries.

All of things that you have told in the session are quite interesting.

Very useful and knowledgeable session sir. I got to know about 5g revolution in india And also about the metaverse. I also got idea about blockchain , ai and ml, etc.

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the session was nice and good information given on 5g tech.

5G labs involve logical testing environments where various scenarios are simulated. Logical testing involves creating real-world conditions in a controlled environment to observe how the network behaves.

In IIT Gandhinagar the session related to 5g lab is interesting and more beneficial for the future

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Dynamic memory allocation with use of mallac function instead of array also learned that government is interested in 5g and giving incentives and also support the student interested in the companys also wanted students to look forward and hire people for the usecase of 5g it can use in public safety,medicine and many more

Malloc is a function that allows C to allocate memory dynamically
Code:char*arr;
 	
    Scanf(%d,& capacity);
 	
    (char*)malloc(capacity*sizeof(char));
 	
    if (arr==null)
 	
    {return 0;)
 	
Government had invested 2000 crores in 5G
 	
TCS Wipro and Jio highly invest in 5G
 	
Brandon Wick (at a position in 5G service companies)

I learned today about the importance of investing in the future. Investing our time in future can avail us the benefits of early adapter. 5g usecase for us are Application and cloud.
Engineering is the process by which technology is developed.Technology is the use of scientific knowledge for practical purpose whether in industry or in our everyday lives.
I am sincerely grateful for their unwavering support and expertise, which have undoubtedly enriched our educational journey. Thank you, teacher, for your outstanding contributions to our learning. Thank you bhupendra sir for your dedication towards new technology of 5g , the lecture was good.
In today's world normally investment in fileds which are easily available or internet YouTube makes no sense hence in fileds which are not yet discovered or acknowledged by many are the fileds which makes better investment. AIML gonna soon take over in many fileds therefore these growing technologies may have potential for best investments
Hello My self Chirag Sharma I am from Himachal Pradesh I want to become software engineer I am from Computer science branch I live in 923 room right now
present
Done
Sir u explained greatly in a very appreciable manner and inspired us for pursuing our interests in technology.
Technology contributes to economic development in the country

Firstly You gave information about malloc,calloc,viva,mid sem exam,5G usueg in future life. Base code is faster than then code with malloc code. Because malloc code will allocated the memory first. High lavel language, code,logic decreased value of the C programming. Government inverst to much rupees for this as a technology . Everything is important in our life. Cultural, sports,study,coding our behavior, Everything is important in our life. Startup is necessary in right way. With positive attitude. We have to learn right things and going with it. Or everyone are not here in the word for our success. We have to learnt by own self .
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You gave information about future and how should we see the future and now a days 5G industry is growing too fast and Indian Goverment is also supporting in this . Goverment invest more than 2000 corore in this feild and incourage to participate in this feild. You gave intresting knowledge which is really exciting.i really expired from this.
I got a little knowledge about blockchain , metaverse and booming 5G revolution in India.. Very very useful and motivating session
Government invest 2000 coror in 5 G devlopment. Many companies like TCS , Jio, Vipro, are investing very high value for 5G.India has been preparing for the development of 5G tecnology. India government has already announced its plans to action 5G spectrum in the country and some telecom operators have also started testing 5G network in versions cities. The "malloc" or "memory allocation method " in c is used to dynamically allocat a single large block of mamory.
Today, during the class, Sir firstly thought us about DMA or Dynamic Memory Allocation, where Sir was telling us about different memory allocation processes such as malloc(), calloc(), free, etc..... After teaching us arrays, Sir showed us different scopes of 5G and 6G. and also showed how India has progressed on the field of 5G Technology. Indian government is doing its best in order to not only spread 5G to every part of the country, but also to create the awareness about the 5G among different citizens of India(mainly youths) who are on their way to become the future leaders of the nation.
5G development Unlike previous generations of computer networks
5G is leverage because 5G technology brings about a significant leap in wireless connectivity, providing faster speeds, lower latency, and greater capacity. It offers a platform for innovation and the development of new services and applications in various sectors, thus propelling technological advancements in the country. It improves connectivity, enabling smoother video streaming, faster downloads, and better overall user experience. As 5G is very important
Technology refers to the application of scientific knowledge, tools, and techniques to solve practical problems, create innovations, and improve various aspects of human life. 5G, or "fifth generation," is the latest generation of wireless technology for cellular networks.
5G technology is experiencing rapidgrowth, revolutionizing communication and enabling innovations in healthcare, autonomous vehicles, IoT, and more, with increased network speed, capacity, and connectivity possibilities.
Artificial intelligence (AI) and 5G technology are two transformative forces in the world of technology. AI refers to the simulation of human intelligence in machines, enabling them to perform tasks that typically require human intelligence, such as problem-solving, learning, and decision-making. 5G is the fifth generation of wireless technology, offering significantly faster data speeds, lower latency, and greater connectivity than its predecessors.
Technology refers to the application of scientific knowledge, tools, and techniques to solve practical problems, create innovations, and improve various aspects of human life. 5G, or "fifth generation," is the latest generation of wireless technology for cellular networks.

The current cs engineering will not be usefull in coming future. We need to develop new skills.

5g lab information was also interesting.

Starting in the lecture i learned about dynamic memory allocation malloc and free...

Then later sir tells about the 5g lab that was so interested and provides us so much important things that we ever know.

In the present generation, 5G technology continues to be a significant driver of technological advancements and is transforming various aspects of our lives:

High-Speed Connectivity: 5G networks offer significantly faster data speeds compared to previous generations. This enables quicker downloads, smoother video streaming, and seamless online gaming experiences.

Low Latency: The low latency of 5G (often less than 1 millisecond) is critical for applications like real-time gaming, remote surgery, and autonomous vehicles, allowing for rapid data transmission and near-instant responsiveness.

IoT Growth: 5G plays a crucial role in the growth of the Internet of Things (IoT). It connects a vast number of devices and sensors, facilitating smart cities, smart homes, and various IoT applications.

Industry Transformations: Multiple industries are leveraging 5G's capabilities. For instance, healthcare benefits from remote patient monitoring, while transportation sees improvements in traffic management and safety. Smart manufacturing also utilizes 5G for more efficient operations.

Emerging Services: 5G has given rise to new services like cloud gaming, augmented and virtual reality applications, and high-quality video conferencing. These services rely on the speed and low latency of 5G networks.

Global Deployment: The rollout of 5G networks varies by region and country. Some areas have extensive 5G coverage, while others are in the early stages of deployment. This non-uniform deployment has geopolitical implications and impacts global technology competition.

Security Concerns: The increased connectivity of 5G networks raises concerns about security, particularly in critical infrastructure and sensitive data transmission. Efforts are ongoing to ensure the security of 5G networks.

Economic Impact: The widespread adoption of 5G has the potential to drive economic growth by creating new jobs, fostering innovation, and enabling businesses to operate more efficiently.

5G technology continues to be at the forefront of the present generation's technological landscape, offering new possibilities and driving innovation in various sectors while also raising important considerations regarding security, health, and infrastructure development.

USES OF 5G ;

1.FASTER DATA:5g offers significantly faster data speeds compared to its predecessors ,with potential download speeds of up to 10 Gbps. this enable quick downloads and smoother streaming of high-defination and 4k cotent.

2. *Low Latency*: 5G networks have low latency, which means there is minimal delay in data transmission. This is crucial for applications like online gaming, augmented reality (AR), and virtual reality (VR).

3. *Enhanced Mobile Connectivity*: 5G provides improved connectivity in densely populated areas, ensuring better service in urban environments and crowded events.

4. *Internet of Things (IoT)*: 5G is designed to support a massive number of IoT devices, making it suitable for smart cities, connected vehicles, and various IoT applications.

5. *Fixed Wireless Access*: 5G can be used for home broadband connections, offering an alternative to traditional cable or DSL services.

6. *Industrial and Healthcare Applications*: 5G enables advanced applications in industries like manufacturing, allowing for real-time monitoring and control of machinery. In healthcare, it supports telemedicine and remote surgeries.

7. *Autonomous Vehicles*: 5G is crucial for the development of autonomous vehicles, as it provides the low latency and high bandwidth needed for real-time communication between vehicles and infrastructure.

8. *Smart Grids*: 5G can be used to improve the efficiency and reliability of electricity grids by enabling smart grid technologies.

9. *Enhanced AR and VR*: 5G enhances AR and VR experiences by providing the necessary bandwidth and low latency for immersive applications.

10. *Enhanced Mobile Broadband*: 5G serves as an upgrade for mobile broadband, offering better performance for smartphones and tablets.

11. *Public Safety*: 5G can improve emergency response services with faster data speeds and more reliable communication.

12. *Environmental Monitoring*: It can be used for real-time environmental monitoring, such as tracking weather conditions, pollution levels, and m

I am Present .
Lecture was awesome as always. Understood DMA and will study it further. I would like to learn more about web development in future.
Ai , ml, 5g , 6g , and in c we discussed malloc and free , history of c , python , c++ , c was popular in 90s (usa) ,
Today's lecture on memory allocation was good , I understand most of it ,I wish to learn basic questions and theory to save marks for viva..
5G, 6G, Metaverse, AI/ML, technology is advancing faster than you believe, technology has made a lot of difference in our country and has played a major role in India's development.
The concern of government and staff members to propel the use of 5G is remarkable as it can increase the research work. I'm extremely impressed with the 5G labs. The equipment are truly remarkable. The lightning-fast data transfer capabilities make it a perfect hub for research and innovation in the field of 5G technology. It's an outstanding environment for testing and pushing the boundaries of what 5G can achieve.
Technology has made it possible for people from all walks of life to have access to different resources. Further, technology is also being used to equip people who need a certain type of assistance to improve their quality of life and help them avail opportunities that would otherwise be inaccessible.   Technology use refers to the application of various tools, systems, and techniques to achieve specific tasks or goals. It encompasses a wide range of devices, software, and processes that leverage scientific knowledge for practical purposes.
5G Labs are amazing! They have cool tech that helps connect things super fast. Keep it up, and it'll be even more awesome!"   5G is amazing. Goverment is also well concerned about propelling 5G. It works on high speed which is very good. India is also leading in 5G .
Lecture was amazing . I understood what you taught about dynamic memory allocation . I would like to learn about AI ML in future .
Good.
Ai , ml, 5g , 6g , and in c we discussed malloc and free , history of c , python , c++ , c was popular in 90s (usa) , metaverse , use cases , expectance of 5g to boost global economy by adding us 1.3 $ trillion to GDP , without ai ml u can't do anything in tech , LinkedIn,

_5G is leverage because of Technological Advancement , Economic growth, Industry Revolution and development, Improvement in services, connectivity of all and Global competitiveness . _ _ _
Really loved today's class. Although i wasnt able to understand fully but it was truly full of learning and knowledge of the different fields of study, innovation and investement. Especially the session on 5g technologies inspired me.I truly respect your efforts. Thank you sir.
Today's class sir discussed about 5G network is the 5TH GENERATION MOBILE NETWORK. It is a new global wireless standard after 1G, 2G, 3G, and 4G networks. 5G enables a new kind of network that is designed to connect virtually everyone and everything together including machines, objects, and devices. It is 100 times faster than 4G.
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The lecture was outstanding; I grasped the entire concept of dynamic memory allocation. We're eager to delve into machine learning and ML algorithms in the future
In lab we understand the logical framework of 5g network.which included core network, function, radio access, technologies and how they integrated. We learn how industry and othe institute are totally dependent on network system.
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Starting in the lecture i learned about dynamic memory allocation malloc and free then sir tells about the 5g lab that was so interested and provides us so much important things that we ever know.
Technology has completely changed the world and our daily life to a significant extent. Technology is helpful to develop country's security system. Technology is something which enables you to grow on a massive level.
Due to this lecture my interest in technology has increased
Technology use of smartphone Smartphones have become an integral part of our daily lives. They combine various technologies such as communication, computing, and photography into a single device, making them accessible and user-friendly for a wide range of tasks.
At the start of the lecture i learned about dynamic memory alocation malloc and free Later i liked the advice you gave about investing in future tech. And also the information on 5G lab was interesting
Science is the study of the natural world by scientific method i.e. collecting data through a systematic process. And technology is where we apply science to create devices that can solve problems and perform different tasks. Technology is literally the application of science.
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5G is growing now a days and it in future will widely used and it is a better field to explore now a days. It is helpful in Enhanced broadbamd, Massive machine to machine communication, Ultra-reliable low lateniy communication. We should get knowledge about finance it will help us in future.
6G
Today's lecture was good I want improve my web development
SCIENCE AND TECHNOLOGY HAVE ALWAYS BEEN AN INTEGRAL PART OF INDIAN CULTURE. NATURAL PHILOSOPHY, AS IT WAS TERMED IN THOSE ANCIENT TIMES, WAS PURSUED VIGOROUSLY AT INSTITUTIONS OF HIGHER LEARNING. THE INDIAN RENAISSANCE, WHICH COINCIDED WITH OUR INDEPENDENCE STRUGGLE, AT THE DAWN OF 1900S WITNESSED GREAT STRIDES MADE BY INDIAN SCIENTISTS. THIS INNATE ABILITY TO PERFORM CREATIVELY IN SCIENCE CAME TO BE BACKED WITH AN INSTITUTIONAL SETUP AND STRONG STATE SUPPORT AFTER THE COUNTRY'S INDEPENDENCE IN 1947.
5G services were first launched in India by Prime Minister Narendra Modi on OCTOBER 1, 2022. At present, only Bharti Airtel and Reliance Jio are the two telecom operators that offer 5G network in the country.
sir; todays topic is dynamic memory allocations and about 5g innovations and 5g ideas about different opinions of people.

5G is the fifth generation of cellular network technology. It is the successor to 4G, and it is expected to provide much faster data speeds and lower latency. 5G is also expected to enable new technologies, such as the Internet of Things (IoT) and self-driving cars. 4G, or LTE, is the fourth generation of cellular network technology. It is the current standard for mobile internet, and it provides speeds that are much faster than 3G. 4G has made it possible for us to stream videos, play online games, and use other data-intensive applications on our smartphones and tablets.
I could infer these from the session: About 5G:5g offers significantly faster data speeds compared to its predecessors.It is a significant advancement in mobile communication. It is useful for improved connectivity. Metaverse:The metaverse is a concept that envisions a shared, interconnected virtual space where users can interact with each other and digital environments in real-time. It combines elements of virtual reality (VR), augmented reality (AR), the internet, and online gaming to create a vast and immersive digital universe. Economy and Commerce: The metaverse has its own economy, where virtual assets, cryptocurrencies, and digital goods are bought, sold, and traded. Social Interaction:Users can communicate with others using avatars, engage in virtual events, attend virtual conferences, or simply hang out with friends in virtual spaces. We will follow the path suggested by bhupendra sir and hope to give our best.
The lecture depend on my interest in technology . Technology is a dynamic felid and offers carrier in these days ..5 g represents forward in wireless technology, faster connectivity. Technology is been changing in way that gives tennagers a big opportunities of life
Uses of 5G : 1. Imagine 5G like a super-speedy internet on your phone. You can download stuff super fast, and videos play smoothly in high quality. 2. It also doesn't make you wait. So, when you're playing online games or using cool tech like AR or VR, things happen without any annoying delays. 3. In busy places like cities or big events, your phone still works well with 5G. You won't lose your signal even when lots of people are using their phones. 4. 5G is good for connecting lots of smart gadgets, like in smart cities or smart cars. It's like a big highway for all your smart devices to talk to each other. 5. You can use 5G for your home internet, kind of like Wi-Fi, but even faster. It's like having a super-fast internet connection at home. 6. In factories and hospitals, 5G helps machines and doctors talk to each other in real-time. It's like having super clear phone calls for machines and doctors to work together better.
ai , ml , filetype and free , 5g , 6g, metaverse , importance and impact of 5g , 60 qs in exam , c ,c++ , python
5G is the fifth generation of mobile networks, bringing faster data speeds, lower latency, and increased connectivity. It enables advanced technologies like IoT, augmented reality, and autonomous vehicles. Its impact extends beyond smartphones, influencing various industries with the promise of improved efficiency and innovation.
Today's class is very interesting and very useful ..5G is the latest generation of wireless technology, which offers high data speed and supports more number of applications. 5G is ongoing globally , to create new possibilities for technology and connectivity.
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Technology leads to the economic development of the country. Now with the 5G development in the country it'll make a great difference for the common people and for the country.
Speed and latency: 6G is anticipated to provide 5G users with higher speeds and lower latency. While 6G is anticipated to reach rates of up to 1 Tbps, 5G can only deliver speeds of up to 20 Gbps
SCIENCE encompasses the systematic study of the structure and behaviour of the physical and natural world through observation and experiment, and TECHNOLOGY is the application of scientific knowledge for practical purposes
present
Science and technology make LIFE EASIER AND MORE COMFORTABLE FOR HUMANS. Science and technology enable us to save both time and money. Science and technology open up new perspectives of understanding. Science and technology aid in the advancement of the field of education.
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Simple technology is designed to be user-friendly and easy to use, even for individuals with limited technical expertise. It aims to minimize complexity and make devices or systems accessible to a wide audience.
Memory allocation in a 5G network is a crucial aspect of the overall architecture and plays a significant role in ensuring the efficient and reliable operation of the network.
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Simple technology is designed to be user-friendly and easy to use, even for individuals with limited technical expertise. It aims to minimize complexity and make devices or systems accessible to a wide audience
5G is the fifth generation of wireless technology, offering faster speeds and lower latency. 6G, a future iteration, aims for even faster data rates, advanced AI, and seamless connectivity.
It's main uses are greater speed in transmition, lower latency and therefore capacity ,providing more adjusted connectivity to concreate needs.
Today in class, I learned a lot about 5G, how it's used, and its future possibilities. I see how important 5G is now and will be in the future. It's a big field with lots of potential. The government is putting a ton of money into it too. Other technologies like AI, ML, and 5G are going to be really important soon. 5G is faster, more reliable, and will be super flexible. It's like how the world started with C, then moved on to Java, Python, and other stuff. We should keep up with new technologies to stay ahead in the tech world.
Today in class, I learnt a lot about 5G, how it works, and what the future holds. I recognize the significance of 5G now and in the future. It's a vast field with enormous potential. The government is also investing much in it. Other technologies, such as AI, ML, and 5G, will become increasingly significant in the near future. 5G will be quicker, more dependable, and extremely adaptable. It's similar to how the world began with C and later progressed to Java, Python, and other technologies. To stay ahead in the technological world, we must keep up with emerging innovations.
Today in class, I learned a lot about 5G, how it's used, and its future possibilities. I see how important 5G is now and will be in the future. It's a big field with lots of potential. The government is putting a ton of money into it too. Other technologies like AI, ML, and 5G are going to be really important soon. 5G is faster, more reliable, and will be super flexible. It's like how the world started with C, then moved on to Java, Python, and other stuff. We should keep up with new technologies to stay ahead in the tech world.
Memory allocation in a 5G network is a crucial aspect of the overall architecture and plays a significant role in ensuring the efficient and reliable operation of the network.
5G is most influential topic going on through out the world and it may effect our future in positive way ....making city more intelligent . We need to explore more fields in it and that will be possible with wireless connection and high speed connections ...which have become ...easy through 5G ....it helps to connect people virtually more effectively .
Memory allocation in a 5G network is a crucial aspect of the overall architecture and plays a significant role in ensuring the efficient and reliable operation of the network.
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The whole meet at iit Gandhinagar was nice . And we really appreciate the faculty of iiitv and specially Bhupendra sir for his efforts to do so . There are few things in which I have still so many doubts but I'm glad to share that I really like that .
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6G is the anticipated successor to 5G, still in the early stages of development. It is expected to provide even faster speeds, possibly in the terabits per second range, and incredibly low latency. 6G is also expected to support futuristic applications such as holographic communication and advanced AI.
It's a network came after 4g with more network speed .to connect all rural areas ,more secure than 4g network.
Honestly speaking In my opinion today's IT lecture was so useful as sir told us about new fields in technology and also told us about importance of 5G. As In todays world 5 G can be prove to be very beneficial for us as it will help us connect to the world and also it will help us in better and easier communication.so we should explore more in technology.
In today's (31st october) class I learned about the 5g networkings, at advantages and its future scope. It is a kind of mobile network with faster speed and connections.
Starting in the lecture i learned about dynamic memory allocation malloc and free then afterwards sir explained about 5g lab and it's functionality.
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5g is superfast internet connection so we can speedily download games and apps so when we are in crowed area so we can get good internet connection and we will not loose signal
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Deeply grateful to sir for making us aware about 5G labs, Clouds and networking. Apart from academics, the way sir make us prepare about market and technology and their future scope opens up broader view of imagination. Looking forward to know more about these in sir guidance to build better career, Thanku soo much sir!
5g networking is the latest generation of mobile network which has higher connections and speeds than the previous versions. It has great scope in future and is in development in India.
Starting in the lecture i learned about dynamic memory allocation malloc and free then sir tells about the 5g lab that was so interested and provides us so much important things that we ever know
The lecture depend on my interest in technology and 5 g network..5G represents a leap forward in wireless technology, promising faster, more reliable connectivity, and enabling a wide range of new applications and services.Technology is a dynamic field, and staying curious and informed about these areas can be both intellectually stimulating and offer opportunities for career growth and innovation..... technology has been developing these where many teenagers are given opportunities in their carrier life and growth in technology..and developing skills

Sir , In today's class you taught us about the 5G technology_ and Government digital schemes. I could infer these from the session : about 5g, metaverse, social interaction, economy, commerce, entertainment and gaming . We will stay on the path showed by our Dr. Bhupendra sir and try our best to explore the new technologies._
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Sir briefly explained us about the 5G and 6G technology of government and created our interest in this topic. We will stay on the path showed by our Dr. Bhupendra Sir and try our best to explore the new technologies.   5G technology is rapidly emerging in India, promising faster data speeds, lower latency, and connectivity for IoT. Major telecom providers are rolling out 5G networks, paving the way for transformative advancements in healthcare, education, smart cities, and more.   Sir also introduced us the concept of metaverse, Gaming and entertainment.   The metaverse is a virtual, interconnected digital universe where users can interact, create, and engage through avatars, bridging the gap between physical and digital realms, offering diverse experiences. Whereas, Gaming and entertainment via the internet have revolutionized the industry, offering immersive experiences, multiplayer gaming, streaming platforms, and on-demand content, reshaping how we consume and enjoy media.
5G -THE 5TH GENERATIONAL MOBILE NETWORK   5G is the fifth generation of cellular networks. Up to 100 times faster than 4G, 5G is creating never-before-seen opportunities for people and businesses. Faster connectivity speeds, ultra-low latency and greater bandwidth is advancing societies, transforming industries and dramatically enhancing day-to-day experiences. 5G will do much more than significantly improve your network connection. It provides new opportunities, enabling us to deliver groundbreaking solutions that reach across society.
Today's class was on 5g
5G is 5th generation of mobile networks. It is faster than its predecessors. It delivers high speeds, low latency and increased network capacity.
5g was taught today
Sir in today's lecture you tell us about the government policies related to 5g and 6g technology , and help us developing interests in this technology . You motivated or emphasize us to go in these path .
React developed by the Meta team found great success after it became open sourced. React took a different approach to populating the DOM (Document Object Model). To React, the DOM was a function of the view, whenever an element of the view changed, it and all it's child nodes were re-generated rather than trying to modify and justify the change. This, counter-intuitive as it may seem, was more efficient.   The next notable big step was also taken by the react team, which was incorporating JSX into React. Initially received poorly, JSX turned out to be revolutionary as it allowed for developers to write HTML code within JavaScript which React would then compiled down into JavaScript, hence the tedious task of individually finding each element of HTML within your JS code became non-existent almost overnight.
The focus lied mainly on 5G tech and its various uses including for commerce and the economy, or social interaction and entertainment purposes. We were also made aware about the immense scope in this field for the future and learnt what the government is doing to provide faster access for the same.
In a nutshell, we learned about how 5G tech came in handy to us on our day to day lives. Many of them being used commercially and for alluring the people socially. The gist of todays program was learning how 5G has made a major impact in our lives and will continuously will do so and also how much the Indian government has been trying to provide us with better services.
5G tech was the prime objective of the whole program , commerce , economy, communcations and various other applications of it were also discussed.We were also enlightened about the things that goverment is doing in this field , we were made knowldegeable about the fact that there is plenty of scope in this field.
The main focus of the 5G Tech and it's uses that is the faster network speed, lower latency, and greater capacity. The increased use of 5G connections in the future will also give an enterprise the ability to benefit more from emerging technology such as IOT, AI and ML. We learnt that the government is going for us to provide fast access to the same