

Department of Computer Applications

# Annual e-magazine

Vol-VII (2020-2021)



# WYTS

Mind of Young Technocrats & Research Oriented Students



[www.kiet.edu](http://www.kiet.edu)

# KIET

GROUP OF INSTITUTIONS

Affiliated to Dr. A.P.J. Abdul Kalam Technical Univ., Lucknow  
Accredited by NAAC with Grade 'A' (5 yrs) | NBA accredited courses  
Delhi-NCR, Meerut Road (NH-58), Ghaziabad - 201206

# Content

## Message

02-Director's Message  
02- Joint Director's Message  
03- HOD's Message  
03- Additional HOD's Message  
04- Editorial Team's Message



## TechBuzz



5G is finally here(Vidhi Agarwal)-05  
What is edge computing(Kajal Punia)-06  
Will AI create or destroy(Arya Mishra)-08  
The miracle of Fibonacci(Shivam Nerwal)-10  
Optimistic Attitude(Riya Mudgal)-12

## Expression

13-Believe in yourself(Archna Varshney)  
13- Hope in time of Pandemic Shrivastava)  
14- Poem(Himanshu Sharma)  
14- Poem(Yash Agarwal)  
15- Info: The new Paradip(Anupam shukla)



17 Achievements

18 Photo Gallery



**Dr. (Col) A Garg  
(Director)**  
KIET Group of Institutions,  
Ghaziabad

***"Our greatest weapon and virtue is courage with consistency."***

MCA department was courageous enough to bring the idea of e-magazine to life and consistent enough to make it a tradition. With the release of volume VII of MYTROS I can proudly say that MCA department has again proven that you can achieve anything by putting sincere efforts and being consistent with it. This e-magazine offers a great inspiration to the students who have a great urge to express their views, both technical and nontechnical.

In KIET, we provide strong conceptual foundation complemented with extensive practical training. Students are encouraged and carved to become successful in their chosen career fields as they set forth to industry 4.0, a glimpse of which you will get to see in this e-magazine.

## Message from Director



**Dr. Manoj Goel  
(Joint Director)**  
KIET Group of Institutions,  
Ghaziabad

***No doubt the pandemic has hit us hard,***

but we managed to excel through with the hope for a better tomorrow. It brims my heart with a sense of joy and pride to see the efforts put forth by the faculty members, management, and students in overcoming this hurdle and making that academic year even more fruitful.

This e-magazine is proof of that hard work, not just academic but also co-curricular activities. But now, we face even more challenges as we recover from the coronavirus outbreak and come back to the institute in physical mode. MCA department never fails to accomplish new heights and sets an example for others. I extend my hearty congratulations to all the contributors for maintaining the standard and preserving the legacy of the department.

## Message from Joint Director



**Dr. Ajay Kr. Shrivastava**  
**(HOD & Professor)**  
Department of  
Computer Applications

The vision of the department is ***"To achieve excellence, be a leader in the field of computer applications, to nurture students by inculcating knowledge for a contribution towards Industry and Socioeconomic development to meet global challenges."***

This e-magazine is an authentic record of the various activities that have been undertaken by the department throughout the year. Even a cursory glance at the contents is enough to show that the MCA department has been progressing by leaps and bounds in not only academics but also in extra-curricular activities. I'm sure with this much hard work the department will reach the zenith of progress and achievements that will add a great luster to the department.

## Message from HoD

**Mr. Rabi.N Panda**  
**(Associate Professor**  
**& Addl. HOD)**  
Department of  
Computer Applications



***"The measure of intelligence is the ability to change"***

In our department, we make sure that no stone is left unturned to offer state-of-the-art education and exposure of the industry to the students to prepare them for the rapidly changing trends of industry 4.0. We took our entire teaching system online to fit the current pandemic and still managed to actualize all the goals set by the department.

From organizing online competitions to virtual placement drives, both the students and the faculty members have once again proven their unquestionable ability to excel in any situation.

I highly appreciate the efforts put in by the editorial team of MYTROS, all the contributors and wish you luck in all your future endeavours.

## Message from Addl. HoD



**Suruchi Sinha**  
**MCA (III Year)**



**Kajal Punia**  
**MCA (II Year)**



**Apoorva Srivastava**  
**MCA (III Year)**

Welcome to the sixth issue of our Departmental magazine, MYTROS 2021.

First of all, we would like to express our sincere thanks to Mr. Prashant Agarwal Sir to give us an opportunity to work as an editor for MYTROS'21.

Also, Thank you to Director Sir, Joint Director Sir, HoD Sir and Addl HoD Sir for their inspiring messages.

This year marks a milestone in the history of the journal because it comes with some important enhancements. The first enhancement is that the journal will consist of a section named Info: The new Paradip are discussed.

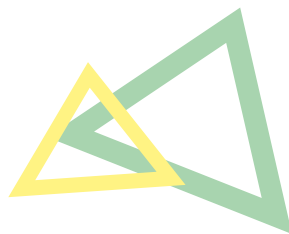
We also changed the skeleton of the journal to reflect the changes.

We tried our best to share glimpses of all the small and big events held in our department in the past one year.

We also thank all the authors that came forward and showed their active participation with their amazing articles. This could have not been possible without your efforts. Thank you all again.

## Message from Editorial Team





## is finally here- This is what you need to know



Vidhi Aggarwal  
MCA (II Year)

The 5th generation of mobile networks, 5G is the evolution of the 4G networks of today. It has been created to meet and surpass the massive growth of data and connectivity of IoT, changing today's reality and paving the way for tomorrow.

### **What can 5G do for you?**

Along with instantaneously connecting billions of devices and its exponentially faster connection speeds, capacity, and communication response times (known as latency). 5G will make an astonishing range of innovative new products and services possible.

### **What will 5G be used for:-**

#### 5G improvements

- 100x  
EFFICIENT TRAFFIC  
More small cells will drive network hyper-densification.
- 100x  
NETWORK EFFICIENCY  
Optimized network energy consumption, with more efficient processing.
- 3x  
SPECTRUM EFFICIENCY  
More efficient signaling for IoT connectivity.
- 10x  
DECREASE IN LATENCY  
Providing latency as low as 1 ms.
- 10x  
CONNECTION DENSITY  
More efficient signaling for IoT connectivity.

#### **Internet of Things**

Connecting billions of machines and devices, the Internet of Things (IoT) is revolutionizing modern industrial processes and applications

#### **Real-time control**

Real-time control of devices, vehicle to vehicle communications, autonomous driving and remote medical care are just a few examples of ultra-reliable low latency communications.

#### **Enhanced mobile broadband**

Enhanced mobile broadband will feature dramatically faster data speeds, featuring fixed wireless internet for homes and greater connectivity for travelers.

#### **Understanding 5G – The backbone of the industrial Internet**

The year 2019 will be remembered as the year that true cellular connectivity for the Internet of Things (IoT) finally got going. Nowadays not a week goes by without a new announcement of a new 4G NB-IoT / LTE-M network rollout. Yet the future for industry is already racing towards the fifth generation (5G) of wireless communication technology.

5G promises lightning-fast speed, barely noticeable latency (or communication response time) and vastly increased capacity. All four major U.S. carriers have green-lighted test networks and partial implementations in some cities.

The benefits of marrying the physical world with digital technologies have been discussed for what seems like a generation. Many industries could use the intelligence gleaned from connected systems to gain critical insights about their operations and how to make improvements that will make a genuine difference to their bottom line. While 4G is already creating dramatic improvements for industries around the world, it's 5G that's creating the greater buzz.

#### **Healthcare: Enabling remote surgery**

The low latency of 5G is set to revolutionize the healthcare industry, most notably in the operating theater. Experienced surgeons can advise more junior colleagues via a video connection or could even operate the surgical device remotely. You could be forgiven for thinking this sounds unlikely, yet it's already happened.

In early 2019, the world's first live surgery via remote assistance took place successfully in China. An experienced surgeon inserted a stimulation device in the brain of a Parkinson's patient. The almost instantaneous latency of 2 milliseconds allowed the surgeon to accurately conduct the procedure as if they were right next to the patient, whereas in fact they were 3,000 kilometers away. The latency resembles surgery using a traditional cabled monitor solution

The Journey to 5G

2G: Enabled wireless telephone calls

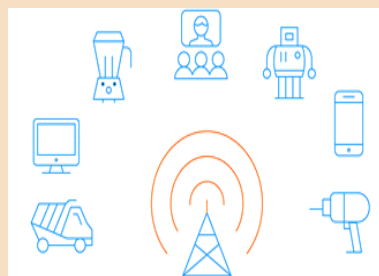
3G: Enabled the mobile web

4G: Enabled video streaming and apps that require sustained connectivity

5G: The post-smartphone era of mobile connectivity

The backbone of the 5G standard is comprised of low-, mid- and high-band spectrum. There are two frequencies that 5G networks can operate on: sub-6 GHz and millimeter-wave (20-60 GHz).

Carriers were already using sub-6 spectrum for existing LTE networks, and now they need more of it to build out 5G. Millimeter-wave frequency was previously unused, and the advent of 5G has given carriers access to the spectrum that will enable the faster speeds we expect with the new standard.





## What is Edge Computing *why does it matter?*

Edge computing can be defined as “a part of a distributed computing topology in which information processing is located close to the edge—where things and people produce or consume that information.”

At its basic level, edge computing brings computation and data storage closer to the devices where it's being gathered, rather than relying on a central location that can be thousands of miles away. This is done so that data, especially real-time data, does not suffer latency issues that can affect an application's performance. In addition, companies can save money by having the processing done locally, reducing the amount of data that needs to be processed in a centralized or cloud-based location.



Edge computing was developed due to the exponential growth of IoT devices, which connect to the internet for either receiving information from the cloud or delivering data back to the cloud. And many IoT devices generate enormous amounts of data during the course of their operations.

Think about devices that monitor manufacturing equipment on a factory floor or an internet-connected video camera that sends live footage from a remote office. While a single device producing data can transmit it across a network quite easily, problems arise when the number of devices transmitting data at the same time grows. Instead of one video camera transmitting live footage, multiply that by hundreds or thousands of devices. Not only will quality suffer due to latency, but the costs in bandwidth can be tremendous.

Edge-computing hardware and services help solve this problem by being a local source of processing and storage for many of these systems. An edge gateway, for example, can process data from an edge device, and then send only the relevant data back through the cloud, reducing bandwidth needs. Or it can send data back to the edge device in the case of real-time application needs.

These edge devices can include many different things, such as an IoT sensor, an employee's notebook computer, their latest smartphone, the security camera or even the internet-connected microwave oven in the office break room. Edge gateways themselves are considered edge devices within an edge-computing infrastructure.

### Benefits

For many companies, cost savings alone can be a driver to deploy edge-computing. Companies that initially embraced the cloud for many of their applications may have discovered that the costs in bandwidth were higher than expected and are looking to find a less expensive alternative. Edge computing might be a fit.

Increasingly, though, the biggest benefit of edge computing is the ability to process and store data faster, enabling for more efficient real-time applications that are critical to companies. Before edge computing, a smartphone scanning a person's face for facial recognition would need to run the facial recognition algorithm through a cloud-based service, which would take a lot of time to process. With an edge computing model, the algorithm could run locally on an edge server or gateway, or even on the smartphone itself, given the increasing power of smartphones. Applications such as virtual and augmented reality, self-driving cars, smart cities and even building-automation systems require fast processing and response.

Companies such as Nvidia have recognized the need for more processing at the edge, which is why we're seeing new system modules that include artificial intelligence functionality built into them. The company's latest jetson Xavier NX module, for example, is smaller than a credit card and can be built into devices such as drones, robots and medical devices.



Kajal Punia  
MCA (II Year)

## Privacy and security

From a security standpoint, data at the edge can be troublesome, especially when it's being handled by different devices that might not be as secure as centralized or cloud-based systems. As the number of IoT devices grows, it's imperative that IT understands the potential security issues and makes sure those systems can be secured. This includes encrypting data and employing access-control methods and possibly VPN tunneling.

Furthermore, differing device requirements for processing power, electricity and network connectivity can have an impact on the reliability of an edge device. This makes redundancy and failover management crucial for devices that process data at the edge to ensure that the data is delivered and processed correctly when a single node goes down.

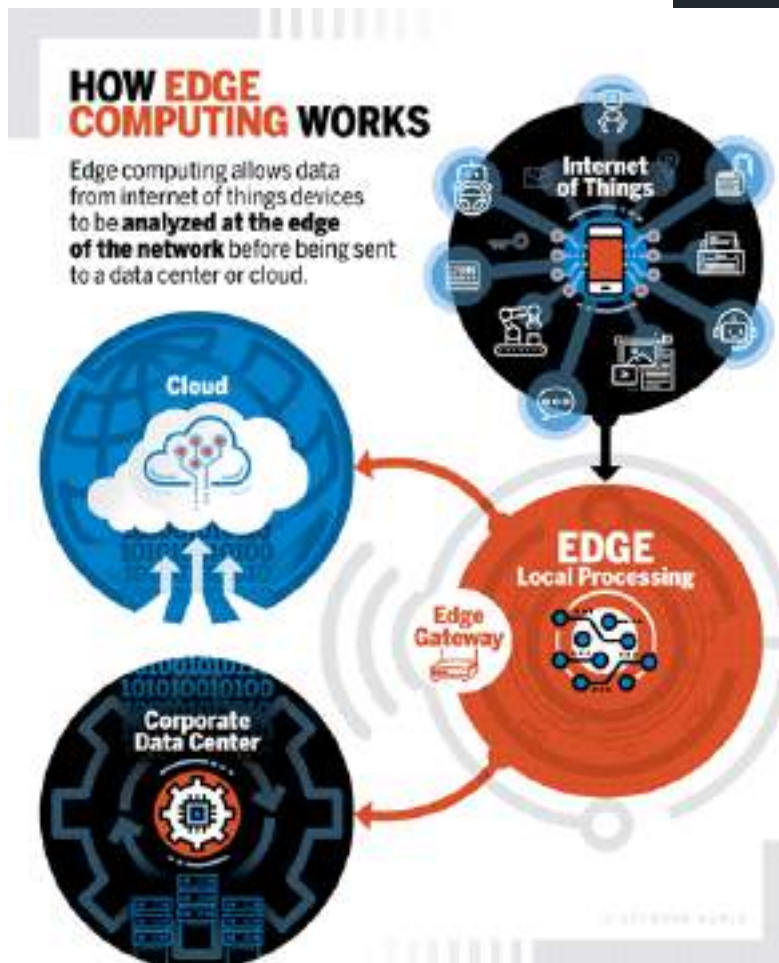
## Edge computing and 5G

Around the world, carriers are deploying 5G wireless technologies, which promise the benefits of high bandwidth and low latency for applications, enabling companies to go from a garden hose to a firehose with their data bandwidth. Instead of just offering the faster speeds and telling companies to continue processing data in the cloud, many carriers are working edge-computing strategies into their 5G deployments in order to offer faster real-time processing, especially for mobile devices, connected cars and self-driving cars.

Wireless carriers have begun rolling out licensed edge services for an even less hands-on option than managed hardware. The idea here is to have edge nodes live virtually at, say, a Verizon base station near the edge deployment, using 5G's network slicing feature to carve out some spectrum for instant, no-installation-required connectivity. Verizon's 5G Edge, AT&T's Multi-Access Edge, and T-Mobile's partnership with Lumen all represent this type of option.

Gartner's 2021 strategic roadmap for edge computing highlights the continued industry interest in 5G for edge computing, saying that edge has become part and parcel of many 5G deployments. Partnerships between the cloud hyperscalers like Amazon and Microsoft and the major wireless ISPs will be key to realizing widespread uptake of this type of mobile-edge.

It's clear that while the initial goal for edge computing was to reduce bandwidth costs for IoT devices over long distances, the growth of real-time applications that require local processing and storage capabilities will continue to drive the technology forward over the coming years.



# Will AI create or destroy *more jobs in future?*



Arya Mishra  
MCA (III Year)



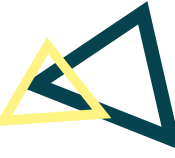
In recent years, Artificial Intelligence (AI) has gained a lot of attention. This is due to the fact that technology has broken the human efficiency bottleneck, decreased repetitious work, and increased work efficiency. As a result, practically every industry in the world is aiming to use artificial intelligence (AI) or has already done so.

However, applying AI may result in the abolition of many human employment. In reality, AI has outperformed humans in every way possible in fields including medical diagnosis, voice translation, and accounting. As a result, there is an underlying concern that AI will one day take over the majority of the world's occupations.

Between 2017 and 2037, almost 7 million occupations will be eliminated by AI, according to accounting firm PwC. It will, however, result in the creation of 7.2 million employment, a net gain of 200,000 jobs.

Reasons why AI will create more jobs -:

1. **Man-machine interfaces are in high demand Hybrid Groups:** The future of work will be determined by how well humans and AI work together to form augmented hybrid teams. An AI's strengths include things like speed, precision, computing, and so on. Humans have abilities such as empathy, judgement, cognition, and so on. This position will bring together the strengths of both AI and humans to improve business outcomes. Accenture's report from last year
2. **Worldwide employment:** Companies that successfully utilize AI can produce greater revenue for their operations on a global scale. As a result, higher staff compensation, better technology tools, and increased efficiency result. Companies may truly expand their influence around the world with such success. As a result, they will require a global workforce, which will result in a large number of job openings.
3. **AI's Role in Marketing and Sales:** In marketing and sales, AI has already begun to play a significant role. AI can assist in the creation of effective, large-scale sales forces through the construction of smart databases. AI is being used by tools like Zendesk and Salesforce to produce insights that can assist businesses in hiring the right salespeople.
4. **AI will help Companies Scale up:** Companies will perform better if AI and machine learning algorithms can effectively exploit massive amounts of big data. It will also improve employee retention and aid in the acquisition of new customers. As companies expand up and grow, this will result in more job possibilities, which will benefit the industry as a whole.
5. **AI will Create new Job Positions:** According to a recent World Economic Forum (WEF) report, corporations' full-time workforces would decline by nearly half in the next several years. Despite the fact that AI will eliminate employment, it will create a desire for new ones. Humans will be required to check, improve, and manage AI in order for it to perform correctly. According to the World Economic Forum, the new positions will necessitate additional skills in managing the human-technology interface.
6. **AI Maintenance Jobs:** AI is assisting organizations in becoming more efficient, particularly in areas such as customer service, automation, and other areas. Some businesses have gone so far as to include AI into all of their critical systems. The demand for AI maintenance workers will soar as AI is applied across all industries. To maintain their systems, businesses would require a significant number of AI developers and engineers.



7. **AI in Robotics:** In the coming years, the field of robotics will expand dramatically. Companies throughout the world are showing a lot of interest in AI-based robotics such as stationary robots, non-humanoid land robots, and fully automated aerial drones. This rising demand will undoubtedly result in a large number of employment openings for AI robotics engineers.

8. **AI Facilitator Roles:** As AI becomes more widely used in enterprises, there will be a demand for AI facilitators who can help companies build their own AI environments. This position will entail creating automated settings as well as developing solutions like virtual assistants. Employees will be able to operate more efficiently in AI-based settings while maintaining security, governance, data control, and compliance.

9. **AI in Healthcare:** Healthcare is one area where AI technologies have a lot of potential. According to PwC, it will be one of the largest beneficiaries of AI, with roughly 1 million new job opportunities. In the not-too-distant future, AI-powered healthcare will be provided to the general public on a large scale and on demand. As a result, the demand for AI-assisted healthcare technician positions will increase.

10. **AI in the Gaming Industry:** The gaming industry is one area where AI has a lot of potential. From game design and development to in-game operations and maintenance, AI plays a critical role for gaming companies that is paying off handsomely. Companies are likely to spend a lot of money on AI-based systems as virtual reality games become more popular. As a result, game AI developer positions will be in high demand.

11. **AI in Automated Transportation:** In the automated transportation sector, AI is already playing a significant role. Companies like Uber and Google are pouring millions of dollars into self-driving cars and trucks powered by artificial intelligence. As this method of transportation becomes more popular in the future, AI and machine learning engineers will be in high demand.

12. **AI in Financial Services:** Companies in the financial services industry, such as banks, need AI

engineers to create systems that can detect and minimize fraud. They're also monitoring transaction requests and detecting suspicious behaviour with machine learning-based anomaly detection models. Aside from security, artificial intelligence is rapidly being employed in financial marketing. Financial institutions are working on solutions that can organise customer journeys on their preferred channels and at the appropriate times. As a result, the job outlook for AI in the Financial Services sector is very promising.

13. **AI in Education:** According to a recent report by PwC, the education sector is expected to gain about 200,000 new employments. E-learning is progressively gaining traction in the education business. AI is heavily used in concepts like smart content, tailored learning, and other data-driven activities. According to an e-School News report, the use of AI in education will expand by 47.5 percent by 2021. To support this expansion, the sector will need to hire a large number of AI and machine learning professionals.

14. **AI in the Entertainment Industry:** In the entertainment sector, AI and machine learning have enormous potential. Companies that provide streaming services, such as Spotify, Amazon Prime, Netflix, and Hulu, are already using AI into their business models. AI algorithms assist in recommending media that meets the consumer's preferences by recognising their online behaviour. This is only one of the many applications of AI in this business. As a result, the sector will almost certainly hire a large AI workforce to meet all of their needs.

15. **AI and Digital Assistants:** Google Assistant, Siri, Alexa, and Bixby, among other digital assistants, are becoming smarter by the year. Google, Samsung, and Amazon, among other global IT behemoths, are investing billions of dollars in developing digital assistants that can perform difficult jobs. Learning about our daily habits, speech recognition, and other duties are among them. The global intelligent virtual assistant market is expected to reach \$19.6 billion by 2025, according to Zion market research.



# The Miracles of *FIBONACCI Series*

WE MUST DARE TO THINK ABOUT 'UNTHINKABLE THINGS'  
BECAUSE WHEN THINGS BECOME 'UNTHINKABLE', THINKING  
STOPS AND ACTION BECOMES MINDLESS.

Fibonacci series a glittering topic in mathematics a person who practice programming surely acquaint to this wonderful topic and give it a different importance lets explore the magical world of Fibonacci series.

Fibonacci named after a great mathematician **Leonardo Pisano original name Leonardo Fibonacci**.

**For some people it is just a normal** a series of numbers in which each number is the sum of the two preceding numbers.

1, 1, 2, 3, 5, 8, .....

For some curious people it is a programming problem that how to print the pattern

1, 1, 2, 3, 5, ..

by using loops.

For some more curious people it is a recursion problem and they analyse the recurrence

For  $N > 0$

$N = (N-1) + (N-2)$

and implement it in programming .

For some super curious people it is a algorithmic problem that how to reduce the complexity of this recursion and implement it by memorization or dynamic programming and they think Fibonacci series like:

$F[0] = 0;$

$F[1] = 1;$

$F[i] = F[i-1] + F[i-2];$

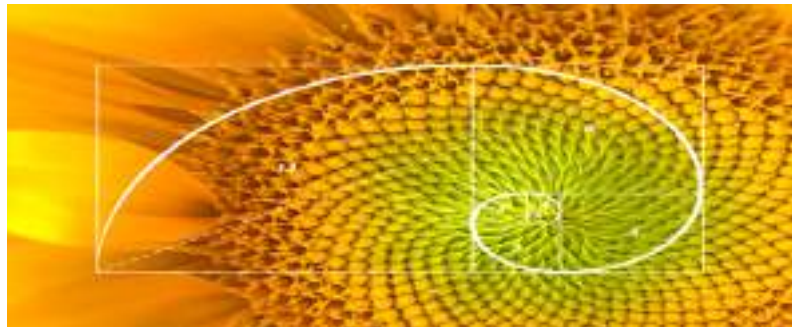
**Lets talk about daily life - Nature's Secret Code"**

**Next time you see a sunflower, look at the arrangements of the seeds at its centre**

Sunflowers are beautiful, and iconic for the way their giant yellow heads stand off against a bold blue sky. However, have you ever stopped to look at the pattern of seeds held within the centre of these special flowers !

The pattern of seeds within a sunflower follows the Fibonacci sequence, or 1, 2, 3, 5, 8, 13, 21, 34, 55, 89..

**And we can find the Fibonacci number in nature in many ways like the branch of the trees, the arrangement of a pine cone, the straighten fern. For the flowers, the number of petals, In Honeybee genealogy etc.**



The Fibonacci Sequence plays a big part in Western harmony and musical scales

## The Fibonacci Sequence in music

-An octave on the piano consists of 13 notes. Eight are white keys and five are black keys.

– A scale is composed of eight notes, of which the third and fifth notes create the foundation of a basic chord

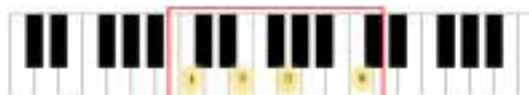
– In a scale, the dominant note is the fifth note, which is also the eighth note of all 13 notes that make up the octave.

Eight divided by 13 equals **0.61538...** the approximate **Golden Ratio**)

Starting to see a pattern !

These are all numbers in the Fibonacci Sequence: 3, 5, 8, 13 ..

Composers and instrument makers have been using **the Fibonacci Sequence and the Golden Ratio** for hundreds of years **to compose and** create music.



## Fibonacci series in Stock prediction

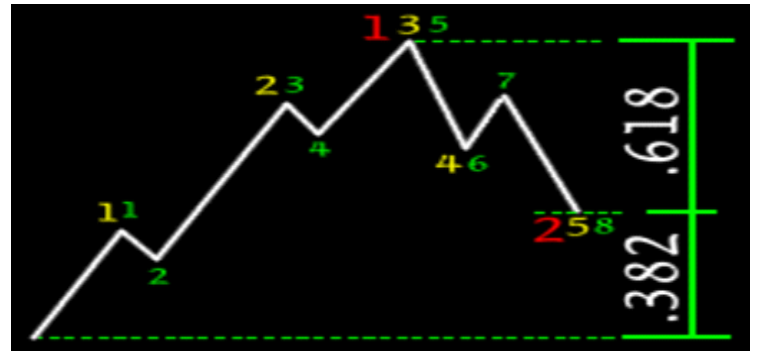
Some market researchers look to a familiar, powerful set of numbers to predict the future.

“Fibonacci retracement” is a tool that technical analysts use to guide their outlook about buying and selling behaviour in markets.

**November 23 is Fibonacci Day.**

It is the day of Fibonacci because the numbers are in the Fibonacci sequence of 1, 1, 2, 3. This coincides with the date in mm/dd format (11/23).

If we observe in our daily life we find this magical number directly or indirectly in so many natural and man made things. Some one said very correct that.

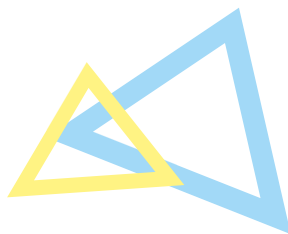


ALL KNOWLEDGE IS CONNECTED TO ALL OTHER  
KNOWLEDGE.

THE FUN IS IN MAKING THE CONNECTIONS.



Shivam Nerwal  
MCA (III Year)



## Optimistic Attitude

It is undoubtedly true that we cannot go through life without sorrow. There can be no sunshine without shadow. There is no greenery without rain. We must not complain that roses have thorns but rather we must be grateful that thorns bear flowers. Human existence is a perfect combination of sorrow and joy, they both are just like two faces of a coin. One time, one is up, other time, the alternative is up, it's all-time that makes us happy with joy or makes us suffer from sorrow.

A human can't eliminate sorrow out of his life, he has to deal with both that's what life is all about. The world is like a looking glass; if you smile, it smiles, if you frown, it frowns back. If you look at it through a red glass, all seems red and rosy, if through a blue, all blue, if through a smoked one, all dull and dingy. Always try to look towards the brighter side of life; almost everything in the world has a brighter side. Having an optimistic attitude towards life will add up to your mental peace, improve your physical health and quality of living, as Frances Hodgson Burnett said, '**If you look the right way, you can see that the whole world is a garden.**'

Optimism works like a stimulator. It is important in coping with difficult life events. Optimists are also able to recover from disappointments more quickly by attending to positive outcomes to a greater extent than negative ones that's why such people never face depression or frustration and get never defeat in their battle of life. They see even defeat is like an opportunity. An optimist is like a man with a torch in deep darkness. The person having this value or notion towards life is always a positive thinker. Even if a thing goes bad such as loss of job/ money an optimist never gives up & sees the silver lining. He or she not only save him or her from an adverse situation but also becomes a spirit of inspiration to others. An optimist never pays to heed the negative side of a situation. Even in their bad times, they wait for good things to come their way in the future. They are confident because of which they succeed. They are always grateful to almighty and their elders for showering their blessings upon them.

**"Changing your attitude towards life can change your life"**

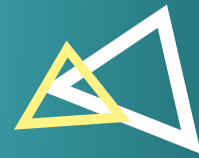
Just like optimists we should focus on our good and positive 'thinking patterns' to stay a healthy and successful life. All we want is a positive approach towards life. Instead of looking towards bad things in life focus on good things that are coming your way. And always try to surround yourself with Optimistic people.



Riya Mudgal  
MCA (II Year)

**"Optimism is the faith that leads to achievement. Nothing can be done without hope and confidence"**

**Helen Keller**



## Believe In Yourself

A man was passing by an elephant, he was suddenly confused by the fact that these huge creatures were being held by only a small rope tied to their front leg! No chain, no cages. It was obvious that the elephant at any time could break away from their bonds, but for some reason they did not. he saw a trainer nearby and asked "why this animal just stood there and made no attempt to get away?" The trainer said "when they are young and much smaller, we use the same size of rope to tie them and at that age it was enough to hold them. As they grew up they are conditioned to believe that they cannot break away. They believe that rope can still hold them. So they never try to break free." The man was amazed these animal could at any time, break free from their bonds but because of only thing that they believe "they could not"; they were stuck right where they were. like the elephant how many of us go through life hanging into a belief that we can't do something, simply because we failed in it once before.

Failure is part of learning. We should never give up and "BELIEVE IN OUR SELF."



Archana Varshney  
MCA (III Year)



## Hope in time of *Pendemic*



Life was always fast-paced, we never slowed down,  
Until everything stopped when Corona came to town.

Now all is quiet and there's peace all around,  
We've looked in our hearts and kindness we've found.

We learn now on computer, this is a new feature,  
But we can't wait to get back to our teacher.

I miss College, Class and My Friends,  
I miss sharing the fun times and that makes me sad.

We've had social distancing picnics, social distancing walks,  
Social distancing hugs and social distancing talks.

I'm looking forward to getting away,  
The beach, the hotel and a perfect holiday.

When it is? I'll throw my arms open wide,  
And shout to the world, WE CAN ALL GO OUTSIDE!

Don't give up hope, the end is in sight,  
If we all stick together, we'll all win this fight.



Harshika Shrivastava  
MCA (III Year)

## Poem



देखा एक दिन एक लड़की को कोने में,  
लगा कुछ ही पल बाकी है उसके रोने में,  
मैंने एक टक जो थोड़ी देर उसकी और देख लिया,  
रहा नहीं मुझसे आखिर हाल-ए-दिल पूछ लिया,  
बस इतना कहते ही,  
वह मेरी बाहों में आकर रोने लगी,  
मालूम ही ना चला कब वह पगली मेरी होने लगी,

कारण उसके आंसुओं का मुझे पता लगाना था,  
लेकिन उससे पहले उसका दिल बहलाना था,  
मासूम से थी वह एक चॉकलेट में मान गई,  
पूछ कर अपने आंसू मेरे पास आ गई,  
पूछा मैंने उससे यहाँ अकेले क्या कर रही हो,  
क्या हुआ है क्यों इतना डर रही हो,

वह आकर मेरे पास मेरी बाहों में लिपट गई,  
वह नन्ही सी जान मेरे आंचल में सिमट गई,  
वही मेरी जिंदगी वही मेरी जान बन गई,  
अब साथ उसके वक्त बीत ता गया,  
धीरे-धीरे उसका मासूम बचपन ढलता गया,

खुश हो जाता हूं मैं भी जब वह मुझे बुलाती है,  
जहां कभी घूमाया उसे आज वहां वह मुझको घुमाती है,  
लगता है कभी-कभी वह वक्त फिर लौट आया है,  
फक़ सिर्फ इतना है कल तक मैं था आज वह मेरा साया है,

खुशी आज भी वही होती है उसको बांहों में भरकर,  
जाती है वह आज भी बाहर लव यू कह कर,  
दुआ है मेरी भगवान ये, सबको गुर्र दे,  
कुछ दे या ना दे एक बेटी जरूर दें...



Himanshu Sharma  
MCA (III Year)

## "जो होता है किसी वजह से होता है"

अच्छी चल रही थी जिन्दगी  
फिर कोरोना आया  
कोरोना ने व्यापार बंद कराया  
जो खरचे थे कि फिजुल के  
उनको थोड़ा कम कराया  
लोग मांगते थे आराम आशन को वक्त  
उनको अति से ज्यादा आराम कराया  
घर में भी काम बहुत होते ही उसका भी उनको ज्ञान  
कराया ।

थाडे दिनों तक से सबको लुभाया  
हृद से ज्यादा आराम पर इसने सबको  
जिन्दगी का हिसाब समझाया  
वापस सभी को पुराने दिनों का ध्यान है आया  
फिर सभी ने पुराने दिनों जैसा होना चहाया  
सभी को लाकराउन मे सबक सिखाया  
जो है जैसा है वैसा ठीक है  
अति हो जाने वाली बीमारी का एहसास कराया ।।



Yash Agarwal  
MCA (II Year)



## !!पिता!!

तामील मिली पिता से ऐसी, फिर खुदा भी मेरा उन्ही मे

समाया

उनकी मेहनत को ही देखकर ,  
मुझमें आगे बढ़ने का जज्बा आया ;

सीख उनकी ऐसी होती ,  
हर मुश्किल में रास्ता उन्होंने दिखाया

उंगली पकड़कर चलना सिखाया उन्होंने,

उन्होंने ही दुनिया का ज्ञान दिलाया ;

सर पर छत\_ वक्त पर रोटी ,  
उन्ही की मेहनत से हमने पाए

अच्छी शिक्षा पाकर कामयाब व्यक्ति  
उनकी की वजह से हम बन पाए;

# The New Paradip



Anupam Shukla  
MCA (III Year)

The new city of Paradip, in Jagatsinghpur district, is well known as Paradip Port, which is the largest commercial port in the east coast has made this small coastal city known to most Indians. But, there is more to Paradip than its well known Port. This marvelous city is adorned by the river Mahanadi one side and the Bay of Bengal on the other. Shorelines of Paradip are decorated with casuarinas plantations and sandy beaches, making the city emerge as one of the upcoming tourist destinations of Odisha. Now, that you want to know more, Paradip is Famous for It's Pristine beaches & lush green forest which makes this Paradip as a picturesque destination in India.

## Paradip beach

The amazing blue sky, calm sea blue water, golden shimmering sands and scented breeze make up for a perfect recreation setting. Beautiful scenes of sunrise and sunset make a day out at the beach really exciting. While at the beach you can go swimming, enjoy a stroll along the waves or take a camel ride. You can just sit back and enjoy the beauty around. The annual Bali Yatra or Sand Festival held in November is a big draw among tourists. The beach is also famous for Kalinga Baliyatra better known as Biju Maidan.

## Marine aquarium

Marine Aquarium in Paradip houses a jaw-dropping collection of fish. It is so vibrant with its amazing collection that you will find it hard to believe your eyes. Fish is a specialty here - not just as food. The port area has more to offer than the expansive beach, like the famous Jagannath Temple and the Smurti Udyan. The place flaunts this maritime museum and an aquarium. The Marine Aquarium has been equipped with 28 tanks. These tanks hold a wide variety of fish. The collection of marine and freshwater species is awe-inspiring. The vibrant and realistic marine life in the aquarium is



## Paradip lighthouse

This lighthouse, erected in 1987 near the Paradip Beach area, is one of the trademark sites of the city. If you like photography, this is a must visit attraction. Take the stairs to the top of this lighthouse and you will get panoramic views of the sea on one side and the Paradip city on the other. While there, just take a moment to enjoy the cool misty breeze sweeping your face! Before you leave, do care to taste some of the local delicacies available at the stalls near this lighthouse.



### Sangam point

At Paradip, the river Mahanadi meets the sea, Bay of Bengal. It is very pleasant there. Beautiful beach is there on the river side. And if you want to enjoy mesmerizing sunset views, then head straight to this rock barrier. Sit on the rocks for a while and enjoy the splashing water touch your feet or spray some salty water on your face. This is a place that will help you reflect back and even make you thoughtful, even as you enjoy the best sunset ever.



### L o r d J a g a n n a t h t e m p l e

Lord Jagannath is considered as one of the reincarnation avatars of Lord Vishnu. The word Jagannath is made of two words- Jaga meaning universe and Nath meaning Lord; it means Lord of the Universe.

For all the religious minded people, this is a must visit temple in Paradip. Second in importance only to the Jagannath Puri temple, the annual Car Festival is celebrated with great fervor at this temple. During this festival, one can see thousands of devotees jostling to get an opportunity to pull the holy chariot. While at the temple, do care to taste the prasad. It is a treat for the taste buds.



### Smruti udyana

A garden that was built to honour the poor souls who lost their lives when a cyclone hit Paradip in late 1999, there is nothing sad about this place today. Decorated with musical fountains, terraced gardens and an artificial lake, this is one of the most frequented spots in the city. One of the prime attractions of this garden is the boat safari held on the lake.





**KIET GROUP OF INSTITUTIONS**  
 Department of Computer Applications (MCA)

**MCA SECTION TOPPERS**

**CONGRATULATIONS**

<b>PRIYANKA RAGHUVANSHI</b> I-A 90.42%	<b>VISHAL SINGH</b> I-B 90.58%
<b>HRITICK WASHNEY</b> I-A 89.87%	<b>DIVYARSH BHATNAGAR</b> I-B 89.0%
<b>KSHITIZ PANDEY</b> I-A 89.59%	<b>HUKUL DHAMA</b> I-A 89.56%
<b>PIRACHI SINGH</b> IV-A 89.57%	<b>VIDHI AGGARWAL</b> I-C 89.77%
<b>HARSHIKA SHRIVASTAVA</b> IV-A 89.47%	<b>KAJAL PUNEJA</b> I-C 89.67%
<b>NIKHIT BANSAL</b> IV-A 88.0%	<b>VAIBHAV GUPTA</b> I-C 89.33%

**EVEN SEMESTER 2020-21**

**KIET GROUP OF INSTITUTIONS**  
 Department of Computer Applications (MCA)

**CONGRATULATION TO OUR STUDENTS FOR ACHIEVING NEW MILESTONES**

XXA students won Gold Certificate in e-PORTFOLIO 2021 sponsored by TEDUP-III in association with IIT Kanpur, Raghu Engineering College Banda and AKTU Lucknow, organised by Hindustan Institute of Engineering and Technology, Raebareilly between August 18-24, 2021

**KIET GROUP OF INSTITUTIONS**  
 Department of Computer Applications (MCA)

**Odd Semester Toppers (2020-21)**

<b>Adarsh Kumar</b> I-A 90.0%	<b>Adarsh Kumar</b> I-A 90.0%	<b>Adarsh Kumar</b> I-A 90.0%	<b>Adarsh Kumar</b> I-A 90.0%	<b>Adarsh Kumar</b> I-A 90.0%
<b>Adarsh Kumar</b> I-A 90.0%	<b>Adarsh Kumar</b> I-A 90.0%	<b>Adarsh Kumar</b> I-A 90.0%	<b>Adarsh Kumar</b> I-A 90.0%	<b>Adarsh Kumar</b> I-A 90.0%

## PHOTO GALLERY



