

# SPARK'21

DEPARTMENT OF INFORMATION TECHNOLOGY









## About Department

The Department of Information Technology was established in the year 1999 with an intake of 60 students. In 2001, the intake was increased to 90 students and in 2006 the intake was increased to 120. The Department has been accredited by NBA for 3 Years and Anna University has recognized with permanent affiliation. Apart from making them good technocrats, the Department also provides individual attention to make them good citizens of our nation and to serve the industry and society constructively to make them good technocrats through futuristic plans. The Department inculcates entrepreneurial skills with ethical and social values. With the entire world in the grip of the versatile and vibrant World Wide Web, the science of Information Technology has become the most potent and powerful tool of the future. The Department has the state-of-the-art facilities for various labs, well equipped seminar halls, classrooms to support e-learning and a department library.

### Vision:

" To emerge as the centre for Academic Eminence in the field of Information Technology through innovative learning practices "

### Mission:

- To provide good teaching and learning environment for quality education in the field of Information Technology.
- To propagate Lifelong Learning.
- To impart the right proportion of knowledge, attitudes and ethics in students to enable them take up positions of responsibility in the society and make significant contributions.



# EDITORS

SPARK'21

## Faculty Editors :

**Dr.V.SURESH KUMAR (Professor)**

**Ms.J.MANJU (Assistant Professor)**

## Student Editors :



**SREEKANTH K**  
**III YEAR**



**ABIRAJ G**  
**III YEAR**



**ROHIT KUMAR V**  
**II YEAR**



**JAY ANAND M**  
**II YEAR**



# EXPLORING NAYAGAN

**T**he movie i like the most is "NAYAGAN" "Nayagan" is a critically acclaimed Indian Tamil-language film directed by Mani Ratnam and released in 1987.

The film tells the story of Velu Naicker, played by Kamal Haasan, a Tamil gangster who rises to power in the slums of Mumbai, India. The movie is widely regarded as one of the best Indian films of all time, and for good reason.

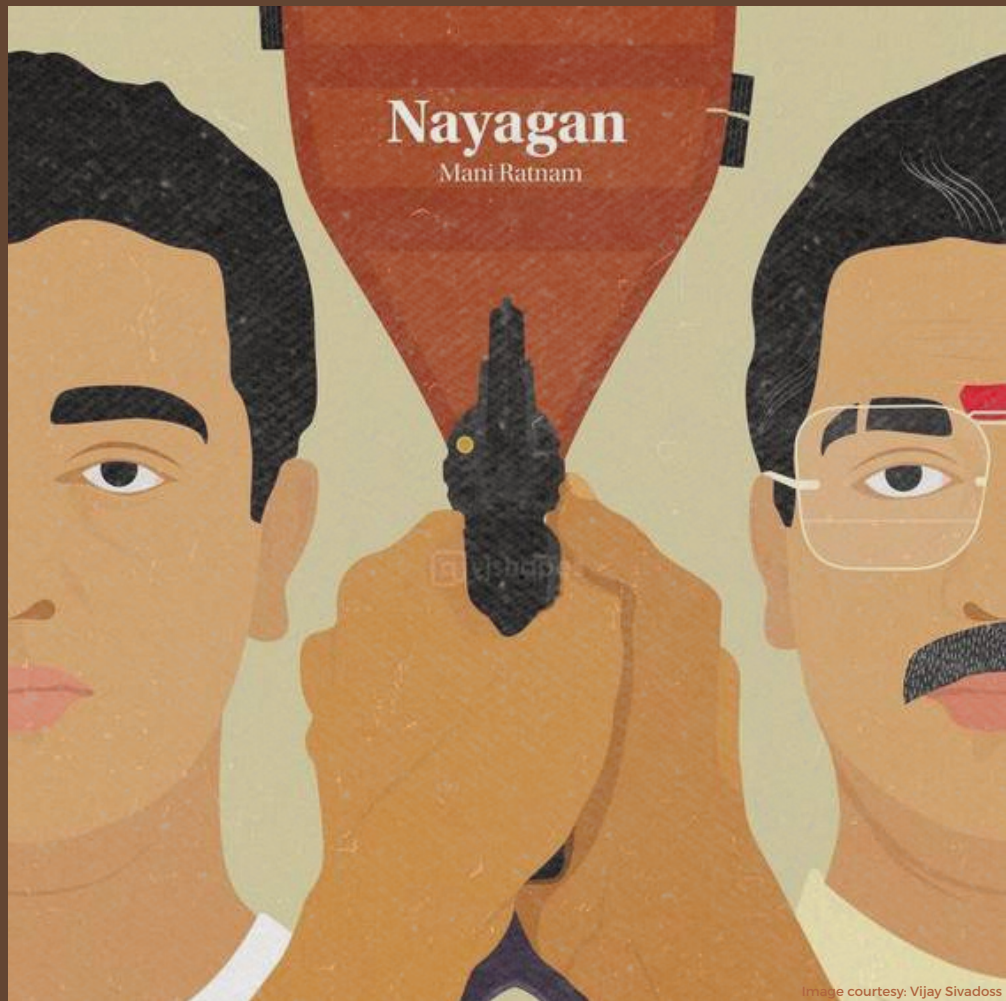


Image courtesy: Vijay Sivados



**BALAJI K  
III YEAR**

What sets "Nayagan" apart from other gangster films is its focus on character development and storytelling. Rather than simply portraying Velu as a one-dimensional villain, the film delves deep into his past and shows the events that shaped him into the man he is today. From his humble beginnings as a young boy in Tamil Nadu to his rise to power in Mumbai, every step of Velu's journey is portrayed with sensitivity and nuance.

One of the standout performances in the film is that of Kamal Haasan. He brings Velu to life with incredible skill, delivering a nuanced and multi-layered performance that showcases the character's complexity. From his moments of extreme violence to his quiet introspection, Kamal Haasan captures every aspect of Velu's personality with remarkable authenticity.

Another highlight of the film is its technical excellence. The cinematography by P. C. Sreeram is stunning, with each shot beautifully composed and visually striking. The use of lighting and color is particularly noteworthy, as it helps to create a unique and immersive atmosphere throughout the film.

But perhaps the most impressive aspect of "Nayagan" is its ability to blend social commentary with a gripping story. The film highlights the poverty and social inequality that exists in the slums of Mumbai, and it portrays the struggles of the people living there with sensitivity and realism. Through Velu's journey, the film shows how people can be driven to violence and crime by the circumstances of their lives, and it raises important questions about the root causes of crime and social inequality.

In conclusion, "Nayagan" is a masterful film that deserves to be recognized as a classic of Indian cinema. Its blend of character development, storytelling, technical excellence, and social commentary is truly remarkable, and it remains a powerful and thought-provoking film to this day. Whether you are a fan of gangster movies or simply appreciate great cinema, "Nayagan" is a film that should not be missed.

# POEM ABOUT CODER

In lines of code and algorithms deep,  
Software engineering takes a leap.  
Creating tools that change our world,  
With coding prowess and skills unfurled.

The building blocks of digital life,  
Are crafted by engineers rife,  
With knowledge of systems and design,  
To build software that's fine.

Debugging glitches, testing code,  
With user experience in mind,  
Software engineers pave the road,  
To innovation of a kind.

From mobile apps to websites galore,  
Their creativity does implore,  
The user to interact with ease,  
To work and play and live with peace.

With teamwork focus and agility,  
They work to bring forth quality,  
Innovation that's ahead of the curve,  
To solve problems with verve.

So let's give a round of applause,  
To software engineers and their cause,  
For they bring life to the digital age,  
With their skills, expertise and sage.



**ASHISH S Y**  
**II YEAR**

# THE BEAUTY OF FASHION

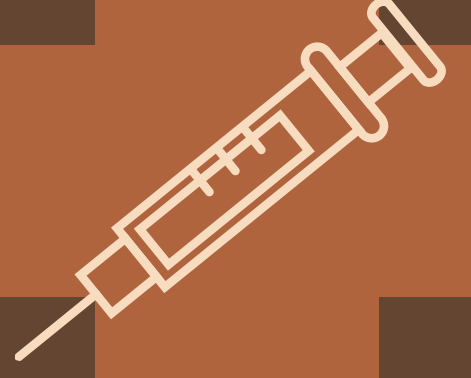
Fashion, a work of art,  
A canvas for self expression,  
A way to show your heart.  
With colors bold and bright,  
Or soft and subtle hues,  
Fashion paints a picture,  
Of beauty that imbues.  
With each new design,  
A new story unfolds,  
Of style and grace,  
And tales yet untold.  
From the runway to the street,  
Fashion is always in bloom,  
A celebration of beauty,  
A fashion-forward room.  
So let us all embrace,  
The beauty of fashion,  
And let our unique style,  
Be a reflection of our passion.



**NANDHINI G**  
**II YEAR**



# கருத்துாசி



நண்பர்களே ! தண்ணீரை கூடச் சல்லடையில்  
அள்ளலாம் அது பனிக்கட்டி ஆகும் வரை  
காத்திருந்தால்,பொறுமை கொள் வாழ்க்கை  
நிலையாக இருக்கும்.

நீ ஓட்டம் பிடித்தால் துன்பம் உன்னைத் துரத்தும்  
எதிர்த்து நில் துரத்திய துன்பம் ஓட்டம் பிடிக்கும்.

மாற்றத்தை கண்டு மனம் கலங்காதே  
மாற்றத்தை முழு மனதுடன் ஏற்றுக்கொள்  
அதுவே பகுத்தறிவு.

உன்னால் முடியாது என கூறுபவர்களால்  
சோர்ந்து போகாதே என்னால் முடியும் என  
உரக்கசொல், தன்னம்பிக்கையை இழக்காதே!

தோல்வியை கண்டு துவண்டு போகாதே, உன்  
இலக்கை விடாமல் துரத்து தோல்வி உன்னிடம்  
தோற்று போகும்.

நீ என்பது உடலா? உயிரா? அல்லது பெயரா?  
மூன்றும் இல்லை -செயல்

பெண்ணிடம் துடங்கிய வாழ்க்கை மண்ணுடன்  
முடியும் இந்த குருகிய காலத்தில் ஏன்  
இத்தனை வன்மம்...??

எல்லாம் கொஞ்சம் காலம் தான்...!!



**SANGEETHA S**  
**IV YEAR**



# SHINE TO AVOID REGRETS

We all have gone through and going through a lot of impediments and hats off to the person who has conquered them. Not all of us will succeed in a way what others do it. Encouragements and motivations alone do not help the people to make it in their path. Covert people will always try to hide in a closet and they are mazed out.

They have been guided like, "there is only one way and if you lose it, you can't lead your toes". These imposters make the covert people's life much dark. Hypocrites and the people who think that they are the Protagonist in others life will obviously ruin the happiness and make a chaotic life to the covert people. As Shakespeare had said that the world is a stage and all the people are actors, liars and players are going to act to the level of pervert and explicitly "Broadcasting Out Opinions Makes Everyone Reckless".



**PRADEESH KUMAR R**  
**II YEAR**

On the other hand the consequences will be to the level of non - ignorance and make the covert people to turn all the tables,

To the covert people, all you need to do is to come out of the closet, explore the world, fall down and get up. The world is so big and has a lot of opportunities for you. Be optimistic and determined that "YOU CAN DO IT". The Doors will open for you and just cut off the people who pull you down. The blatant mindset will do whatever you think and makes everything into your hands. If you need to take some rest, you take it and do give a comeback, but it must be a cosmic level because "You Matters To You". There is no one behind you to pat your back and pull you up. Make a note that "Everyone Will Betray You" so be vigilant and get your stuffs to shield you. The blank space will be blank until you occupy it, but one good thing is that only you can fill that space because it is irreplaceable. "Reputation" is an inevitable quality that you need to maintain from your part and as well as from the society, because it is a fire that will protect you, but the snatchers will always give their best to take it off from you. The scars of the wound will never fade away and it is the award for you.

Remember that it is the permanent mark which is the atomic power of your inner cells which makes you stand up for yourself. Wishes to lead a fruitful life ahead.

# IS TIME AN ILLUSION ?

The distinction between the past, present and future is only a stubbornly persistent illusion.

Time is a concept that has fascinated humans for centuries. We have developed ways to measure it, chart it, and live by it. But what if time, as we understand it, is just an illusion? What if the fourth dimension holds the key to understanding time and our place in the universe?

According to Einstein's theory of relativity, time is not a separate entity but rather a component of the fourth dimension, just like height, width, and depth. This means that time is not linear but rather fluid, and it can be affected by gravity and other forces.

This raises the question of whether time is a human construct or a fundamental aspect of the universe. Is it something that we have invented to make sense of the world around us, or is it a universal truth that we have yet to fully understand?

Many scientists believe that time travel is possible, and they base their theories on the idea that time is not fixed but rather a variable that can be manipulated. For example, if we could travel close to the speed of light, we could experience time differently from those on Earth, and we could effectively travel into the future.

**But What if Time is just an illusion, what does that mean for our Perception of Reality?**

It means that our experience of time is subjective and that it may not exist in the way that we think it does. Our understanding of the past, present, and future may be flawed, and we may be limited by our perception of time.

As we continue to explore the mysteries of the universe, it is becoming increasingly clear that time is not as simple as we once believed. It is a complex and elusive concept that requires us to think beyond our current understanding of the world.

In conclusion, time is an illusion, and it is the fourth dimension. Our perception of time is subjective, and we may be limited by our understanding of it. But by exploring the mysteries of the universe, we can continue to expand our understanding of time and its place in our lives. Who knows what new discoveries and technologies we will uncover as we continue to explore this fascinating concept



**GANESH J**  
**III YEAR**

# MY EXPERIENCE AS A LEADER

Everybody will have some precious moments in life, which they couldn't forget till the end. One such memory in my life is that I have been selected as the School Pupil Leader. The best thing about this is that I have been selected by my teachers, usually voting will be made by the teachers instead of students in our school. There is nobody in my school who doesn't know me.

It is a dream for all of us to call our names in front of huge crowd, this incident has happened in my life. During the morning assembly hours, principal started saying the names of various House Captains but my name was still pending in that list, then finally at last they called my name as "Tarunika.K - School Pupil Leader".

After hearing my name, everyone started clapping for me and all my teachers stood up while I was going to the podium, It is still the best memory of my life.

After announcing the names, the badges and flag giving ceremony named as "Investiture Ceremony" took place, in that all the captains will be marching and will be receiving our badges and flags from the chief guest in front of the whole school students and also our parents. Being the Pupil Leader, I will be leading all the other captains and I was the first one receiving the badge and our school flag, also my dress code will be different from others, I usually full white and whereas others will wear their house color t-shirts, even this made me feel that I was unique and different from other. It was really a proud and happy moment for me which I will never forget till the end.



**TARUNIKA K**  
**II YEAR**

Apart from all the happiness, I had huge responsibility of keeping up the name of my school, one such incident also proved that I was best in that too. During the preparation for sports day, all was busy in our own work which was assigned to us. Many events and games will be conducted and based on that marks will be provided, after few days I came to know that my team was at the least position, I was really disappointed and I always wanted to be at the top and different from others. So I started concentrating on how to get all the shields (for eg: march past shield, discipline shield, drill shield, etc) and also I started to focus on each and every class games,

I myself involved and started noticing each and everything which will give me the victory. I started to train all the students of my house team and also I kept many volunteers of taking care of them in their excellence. After all the odds, the day has come, as I was expected, most of the class games were won by my team. In spite of all this, I badly wanted to win all the 3 shields. We were waiting for the results with very much eager and I was standing in the hot sun with full of tension, then the result was announced as I expected, we secured all the 3 shields and everyone was very happy and was high on. My eyes were totally in tears while receiving all the shields.

The thing I learnt from this is that, We can do anything in life if we have a proper planning and execution. All the team members came running towards me and hugged me in joy, also all my team staffs said that, It was all because of you. These words and those happy faces with shields in their hands made me to forget all the odds which I had to pass through alone to win that victory. I still have my badge and my school flag with me. This is one such experience of my life, where I learnt many things which will never be forgotten.



# DID YOU KNOW ?

A person will **sleep** an average of **25 years** in their lifetime.

The average time a person sleeps at night is around 8 hours. People also spend an average of 7 years trying to go to sleep.

The **Eiffel Tower** grows **6 inches** in the summer

This is a natural physical phenomenon called thermal expansion. Heat causes an increase in volume that makes the Eiffel Tower a few centimeters taller. This expansion also causes the Tower to tilt slightly away from the sun.

**Apples** wake you up more than coffee in the morning.

This is because of the high amounts of sugar that is found in apples. The vitamins from the apples also have similar effects to caffeine, thus making you feel more awake.

Did you know there's a Starbucks cup in every shot in the Movie "**Fight Club**"

In several interviews, David Fincher (the director) has mentioned that a Starbucks cup can be spotted in literally every single frame of his movie. Think of it as a Fincher-style "Easter egg." At the same time, you should know that this isn't a random idea



**KALYANAKUMAR S**  
**II YEAR**

# THINK THROUGH

1. IF YOU THINK YOU ARE TOO SMALL  
TO MAKE A DIFFERENCE... TRY  
SLEEPING WITH A MOSQUITO

2. ALWAYS STICK TO THE BASICS

3. IF YOU STUMBLE, MAKE IT A PART  
OF THE DANCE

4. "FAILURE AT THE FIRST ATTEMPT  
DOESN'T MEAN IT IS THE END..."  
UNLESS YOU ARE SKYDIVING

5. LIFE IS LIKE LOOKING FOR YOUR  
PHONE.. MOST OF THE TIME...IT'S  
IN YOUR HAND



**AGEESH A**  
III YEAR

6. COMMON SENSE IS LIKE  
DEODORANT .. THE PEOPLE WHO  
NEED IT THE MOST, NEVER USE IT.

# VTMT- A VENTURE SO VIVID

Ciao College Fam,

As I reflect on my college journey I am flooded with nostalgia.

First things first, it's always the people who come to mind- aka staff. My department staff were the best I would say. They were friends more than teachers. Their approachability and support made challenging subjects and gloomy days more bearable. Next, our campus was more than just bricks and mortar; classrooms were as interactive as a buzzing carnival and labs as energetic as an excited electron. Sorry, cannot help but mention those canteens which became our hangout spots for chat, chai and creative brainstorming discussions. Beyond academics- culturals and hackathons added the perfect blend of fun.

These events shaped not just our college life but also honed our personalities. As I step beyond the college gates, I'll undoubtedly miss shared excitement during project submissions, and the sense of belonging within those familiar walls. These intangibles made college life supra-special.

In the end, it's not just about the degree but the journey I will cherish forever.

Gracias to the college that became more than an institution it became HOME With warm nostalgia.



**SWETHA M**  
**IV YEAR**



# DIGITAL ART GALLERY

**Digital Art** refers to any artistic work or practice that uses digital technology as part of the creative or presentation process. It can also refer to computational art that uses and engages with digital media.

**ROHIT KUMAR V**  
II YEAR



\*All of the above renderings are done in  
Blender 3D

# DOODLES



**MUTHUPRIYA K**  
**II YEAR**



**RAJESH PRAVEEN T**  
**II YEAR**





# DOODLES



**NANDHINI G**  
**II YEAR**



**JEYARANI R**  
**IV YEAR**





# DOODLES



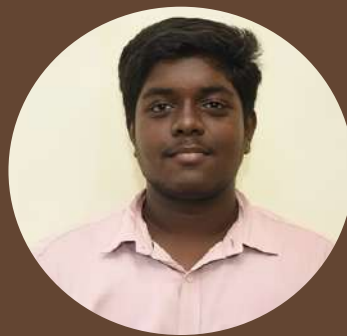
**DIVYA SHREE R J**  
**II YEAR**



**SINDHUJA T**  
**IV YEAR**







**YOGESH T**  
**III YEAR**

CAPTURED

MOMENTS



# WORD PUZZLE

T E S U O H E R A W A T A D S G G E V Z S R N L  
S S E C O R P L Y B A Y N Y C H T C S J U O N N  
A N A W T L O C O T O R P J A C R I P G L U A E  
Z E C A F R E T N I J D H A N T A V R Z L T L G  
V E A Q E T H E R N E T U R N I C R E Y A E O V  
A R E M A R F N I A M Y A C E W K E A G W R F D  
F A K R D U S B S T I C K H R S B S D O E R L U  
Q W C O A L R Z L W U N R I X X A D S L R C X U  
P T C T T W B J T Y E M N T L O L E H O I C G Y  
D F Z E A P D G A E A U E E A P L T E P F N E U  
G O P L B R E R R N P F T C T S X S E O I N I T  
W S Z B A M O C A R A W W T R V J O T T O N E U  
Y O B A S B S T I H F E O U O C Q H U H F S C K  
C B R T E H R N I W A N R R P E U P P O D I L E  
S R A D C H T O Y N R H K E D E M T S A V R X M  
P B I U P E S P W G O H U D V O R T E S C X D R  
E Z O N R R O B F S T M S O C A R H T P F E T N  
A T K S I Q O D R Z E Y A D M U E O O N S D V D  
K E I T N C D C N H C R U S C D R T H K E R P Z  
E Q P Y P I R E E S J O X T S A P C T N N D E Q  
R G I L U Y Q M J S L V U G G A X O U T P U T K  
S S P U T C X U U C S R D E L S P H K E X E M P  
M O C S S F Y W G Q E O B D R A O B Y E K T D D  
D F T G G I N F R A S T R U C T U R E Z G V B Z

ARCHITECTURE	DVD	CLOUDCOMPUTING	FDDI	DATAWAREHOUSE
BROWSER	ERP	ETHERNET	DATABASE	FIREWALL
HARDWARE	HEADSET	HOSTEDSERVICE	INPUT	INFASTRUCTURE
INTERFACE	LAN	KEYBOARD	LAPTOP	MAINFRAME
MONITOR	MAN	NETWORK	OUTPUT	PORTAL
PRINTER	PROCESS	PROTOCOL	ROUTER	SCANNER
SMARTPHONE	SOFTWARE	SPEAKERS	STORAGE	SWITCH
TABLET	WAN	TRACKBALL	TOPOLOGY	TOUCHSCREEN