

ELECTRONS

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WHAT ARE THE BASIC QUALITIES OF LIFE THAT YOU WANT?

- *Dr.Manju kandaswamy*



It all started with a small question... what are the basic qualities of life that you want? When I threw this question to my class I got lot of answers. Among which love, happiness, passion, dream, attitude was common. Some wanted to give me a different perspective by telling me that the ability to face fear, having a smile in your face even at odd times, facing failure are needed. I acknowledge every answer.

I appreciated each individual thinking and desire to look at their life, but I had a doubt, are they looking at life in the correct perspective... I put across another question. Isn't money needed in life?

Don't you people think you need that piece of paper in your life? I was surprised by the response. I had all 50 philosophers in my class. I was the youngest of all. It was a surprise filled with astonishment for me. One thing I could know is love was the hero of our story and the main villain was played by Mr. Money. To my students surprise I put them across one more question. I asked them to whom have you got to be good. This behaviour of being a good goody goody person is to fool whom. I didn't get any answer. I told them please stop fooling yourself. If passion and love or whatever were important, you people won't hold a higher end Mobile in your hands. You are in a disguise of telling yourself that doing this or that is only good. Think and define yourself. I am not asking you to be rude I am asking you to be straight and simple. Hearing to all this one guy in the last row how usually sleeps in my class wanted to pull a fight with me. He raised his voice and asked me to justify my statement. I thanked him for hearing to me.

Today's children need patience, hard work and common sense. In our surroundings we are meeting lot of homes having single child. These children when they grow up are fed with all the necessary gadgets in the world making them just a device that uses them. We people must prove ourselves in using them the best. We must. These children have lost the art of patience. When I used to be a child I had to wait three months to get a pen if it was a pilot pen then might be six months or had to top my exams. Trying to do which I used to brainwash my friends saying Reynolds pen is the most comfortable pen I would rather prefer this for a pilot pen... jokes apart... today's children get everything at the end of a cry and the desire ends in a week. Next week new thing, new wish, new desire... Our children have lost the patience to hold on ... the number of games these kids uninstall are more than the number they enjoy playing. No stable mind, no stable thinking. They are not ready to look at the problems, they want to just engage in something that will keep them engaged, tangled and stuck to it... the problem solvers amongst us are reducing. They get bored with everything in life... they want something new, something more happening. This results in no longer relationships, not sticking with a company, not liking a job, not liking the college they study. All they want is just a new place, new environment, new people to praise, nice salary, good name and good fame ... missing the fact what makes them happen. This patience practice will bring in thinking skills, problem solving and perseverance... the other important factor we are missing in children is common sense.

Everyone today lags this. I am for sure that it won't hurt us. Every relationship issue can be sorted with a pinch of this. All big problems around us have a simple solution. This solution is also around us we must find it. This becomes easy by common sense. I once heard my student telling me a story. A car company manufactures cars that had all the best technology in it. The company was so proud in its finding. When the car was ready for show the driver, who tried to bring the car out the garage stopped it saying the roof will get scratch mark if I move further... everyone was tensed. Each one had a tech solution. One said will paint it after it comes out, then the other said I will reassemble the roof and so on. Watching this the security who had hardly gone to school answered why don't you try flattening the tyre, release the air a bit, so you move it freely... Everyone in the group was spell bound. **Common sense won't hurt...** let's make our children to learn patience, hard work and common sense... The silent guy who had put the question had gone to sleep by then. I came out of the class thinking it's hard to teach these things it must be practiced.

I should be patient to see the change.

The lesson from the old man

On the busy day of Friday evening, I got my bus I found no seat to sit down I felt bad and worried that I am going to stand for the next couple of hours with no space on this high-speed bus which is the worst place to stand, because you can't stand steadily as the bus goes by...

In addition to the density of crowd, there is no ventilation it feels so bad, and again and again I thought myself it is better if I waited for the other bus. At some stop I noticed a weird looking old man with age of around 60, a 5 ft tall bald and dark in skin with threatening face, it is easy for you to made conclusion that he is a daily wage worker. He is returning from his work to home. He is next to me standing with a bag. I feel embarrassed, because he is staring at me for more than 10 minutes.

As the time goes by I felt panic and irritated and decided to move on from there. But there is no place to move on so I adjusted to stay there. I asked myself why this man staring at me, what did he want, is he known me before. There is lot of questions arising in my mind at that time.

After few minutes, the old man started conversation with me.

“hey boy! where are you from? What are you doing?”

I said,” I am studying Engineering and I am from Salem”

“Good”

After a pause I noticed that the old man felt guilt and It is observable that there is little drop of tears from his eyes. I was electrified and asked the old man why did he cried.

He started his story

“Oh! child once when I was in your age I am from a rich family back ground. My father forced me to study, but I refused and always escaped and skip my classes.

I had two elder brothers both were dead when I was 15 and I became the only child for my parents. They forced me to go to school but I wasn't keen to study I partied with my peers and travelled a lot with my father's money.

And one day my father had stroke he can't able to do his jobs. My mother, she takes care of our family. Even then I didn't care my family I was busy in partying.

With my father on stroke, with no money our family was ended to borrow debt.

At some point of my life, when I started to realize what I am doing, I have nothing at my hands. I became the loser and now I am regretting every single moment of my life.

Every time when I see a student like you the regret starts in my mind. In my life, I found out why the education is so important. Study well and please teach what you learnt child. “

When he finished his story, I am not the same person before when I listen to the story. After that I realized that every child in this horrible world can't able to get education. How many of us misuse this opportunity. Our parents investing on us a lot and lots of money for what?

I hope you can able to find the answers

-Jakriya Metha.M/ 2nd Year / ECE

கடைசி வரை வாழ வேண்டும் என்பதில் தான் சிக்கல்..

எந்த கடைசி வரை..?

எது கடைசி..?

மிச்சமே இல்லாத போது கடைசி என்பது கண்துடைப்பு தானே..?

மண்ணுக்கும் மரத்துக்கும் தெரிந்து விட்டால் ஒன்று வேகாது கெடும்
அன்றி மூடாது கெடும்..

கெட்ட வாசம் உணராத வரை கெடுவான் கேடு நினைப்பான்..

கெடுவது எட்டி விட்டால் தீதும் நன்றும் பிறர் தர வாரா..

மௌனமே மந்திரம்..

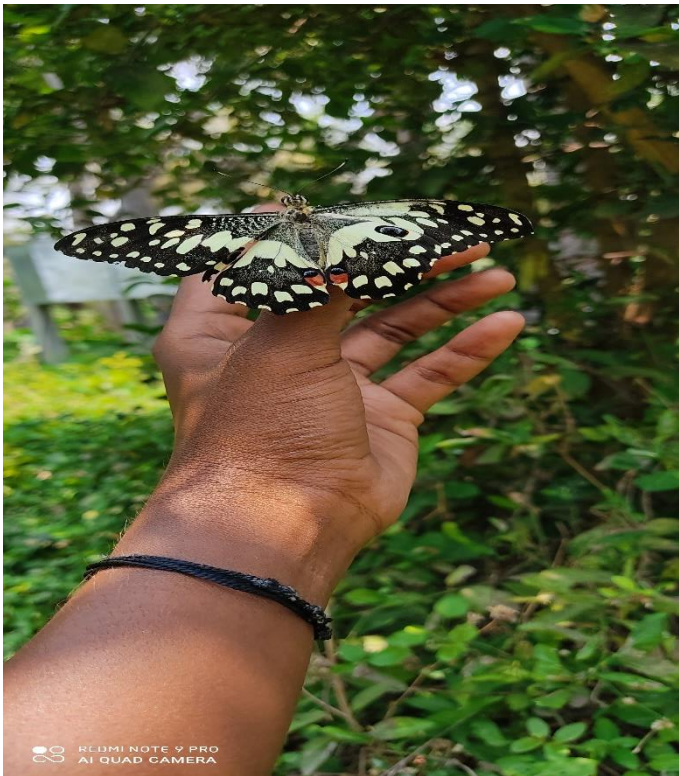
மரணமே தந்திரம்..

- Viswesvaran.K.E /3rd year /ECE



-Sahul Hameed.S/3rd Year/ECE

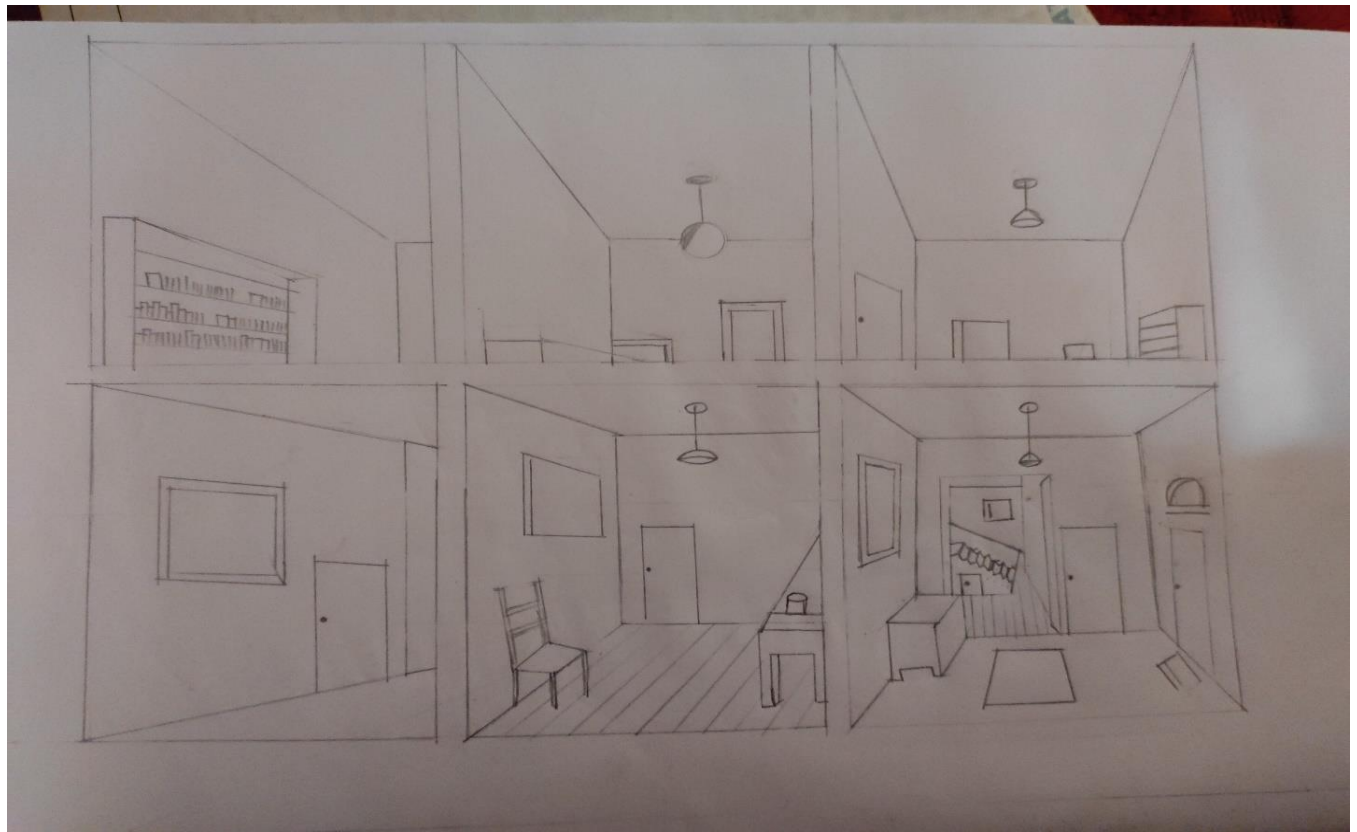
Photography on the GO

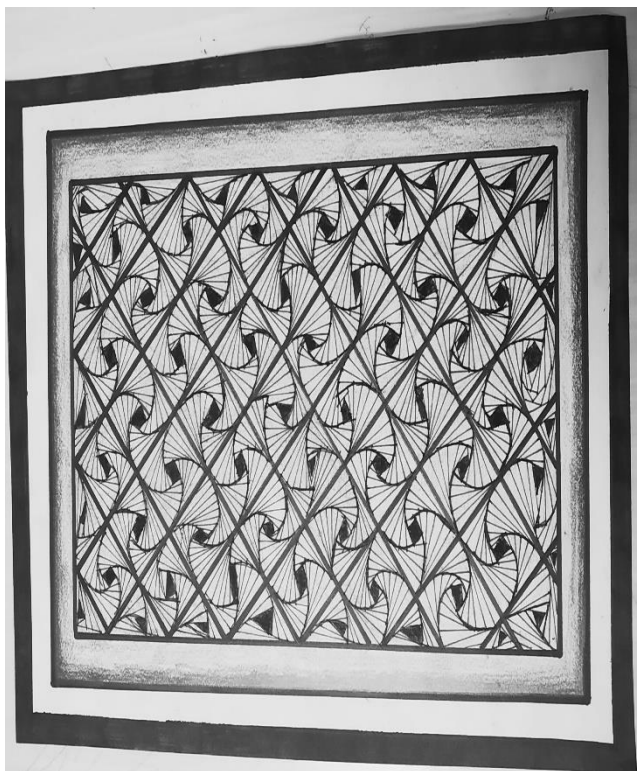
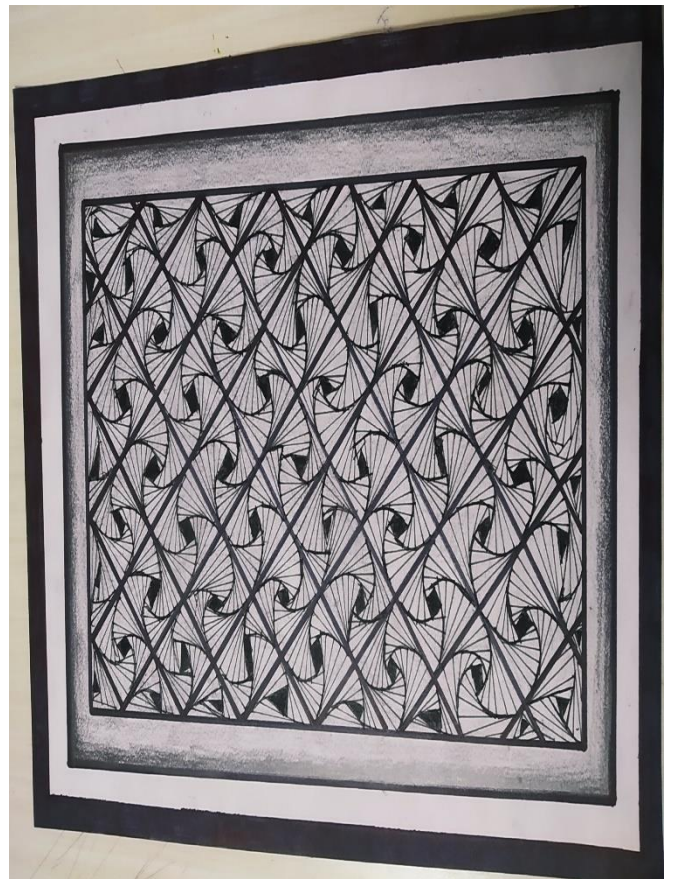


-Sangeetha. K/ ECE /1 st year



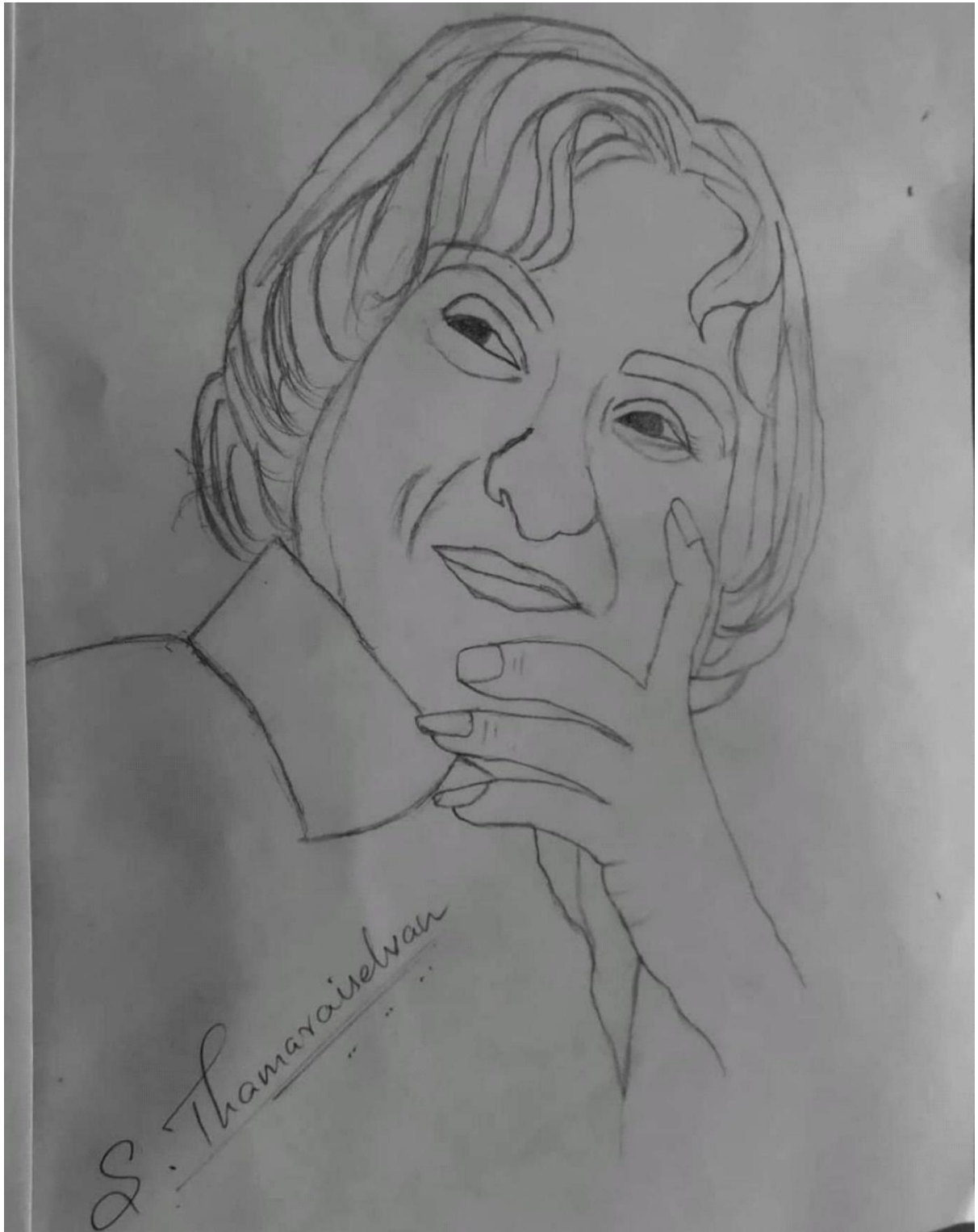
-M. S. Pragathi/ ECE/ 1st year





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- Neha Abhimukhi S.V/1st Year/ECE



- Thamaraiselvan S/ECE/2nd Year

TECHNOLOGIES THIS MONTH

5G IS HERE:



In telecommunications, 5G is the fifth-generation technology standard for broadband mobile networks, mobile companies that began operating globally in 2019, and is a planned follower of 4G networks that provide connectivity to many modern phones. 5G networks are predicted to have more than 1.7 billion subscribers worldwide by 2025, according to the GSM Association.

In March 2019, the Global Mobile Suppliers Association released the first industry website to track the launch of 5G devices worldwide. In it, GSA has identified 23 vendors that have secured the availability of upcoming 5G devices with 33 different devices for different regional integration. There are seven announced features of the 5G device form: (phones (× 12 devices), hot spots (× 4), internal and external customer furniture (× 8), modules (× 5), dongles and adapters (× 2)), and USB terminals (× 1)). [47] As of October 2019, the number of 5G devices announced has risen to 129, in all 15 form factors, from 56 vendors.

In the 5G IoT chipset arena, as of April 2019 there were four commercial 5G modem chipsets and one commercial processor/platform, with more launches expected soon.

On March 6, 2020, the first-ever all-5G smartphone Samsung Galaxy S20 was released. According to *Business Insider*, the 5G feature was showcased as more

expensive in comparison with 4G; the lineup starts at US\$1,000, in comparison with Samsung Galaxy S10e which started at US\$750. On March 19, HMD Global, the current maker of Nokia-branded phones, announced the Nokia 8.3 5G, which it claimed as having a wider range of 5G compatibility than any other phone released to that time. The mid-range model, with an initial Eurozone price of €599, is claimed to support all 5G bands from 600 MHz to 3.8 GHz.



On October 13, 2020, Apple announced the iPhone 12 and the iPhone 12 Pro, the first line of Apple phones to support 5G connectivity. Apple collaborated with Verizon to enable 5G plans on iPhone 12.

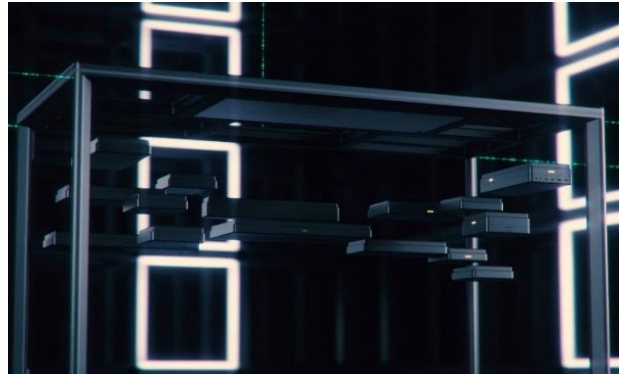
5G-Advanced is a name for 3GPP release 18. The standard will be commercially available around 2025.

PROJECT SOPHIA:

Razer Project Sophia is an all-in-one modular desk with an integrated PC.

Razer's latest CES moonshot is a desk that looks like a workstation from a sci-fi starship.

On Wednesday, Razer unveiled its latest concept design for CES 2022, called "Project Sophia." This futuristic-looking desk is customizable with various modules that lock into the desktop magnetically from below. It's a gamer's dream or nightmare, depending on how one feels about power consumption.



For starters, the desk is not just a desk. It's a full PCB computer system with the *"latest Intel processors and Nvidia GPUs"*. The computer component magnetically snaps into the bottom of the glass desktop in the top-center module housing.

Razer envisions it being used by gamers, content creators, streamers, or business professionals, with its modularity meaning it can be quickly reconfigured to fit multiple roles.

"Project Sophia is our futuristic vision of a multi-purpose gaming and workstation setup which meets the very different needs of a variety of PC uses,

negating the need to move between workspaces'', said Razer's Vice President of Groth Richard Hashim. ''The hot-swappable modular system allows users to quickly reconfigure their desk with near-infinite flexibility, adapting Project Sophia not just for the task at hand but also to the user's particular preference. This is the future of the battle station''.

ODYSSEY ARK:

Samsung reveals the Odyssey Ark, a 55-inch curved gaming monitor that can rotate into portrait mode.



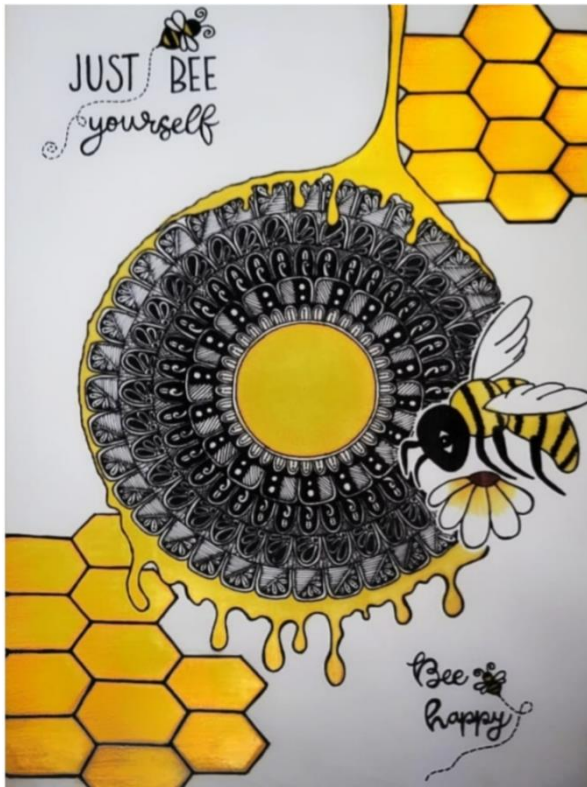
The most noticeable element of this monitor is that it's massive: an outrageous 55-inches, making it the size of many standard television sets. Samsung says the 16:9 display's "multi-view" feature uses an "adaptable screen size to fit the game or the program without compromising its 4K display and bright, colorful images." It also comes with a dial controller for managing the lighting and the interface.

The monitor has what looks like an extreme curve. Samsung didn't reveal the radius (R). The 49-inch Odyssey Neo G9 has a 1000R curve, so we could be looking at the same thing here.

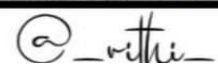


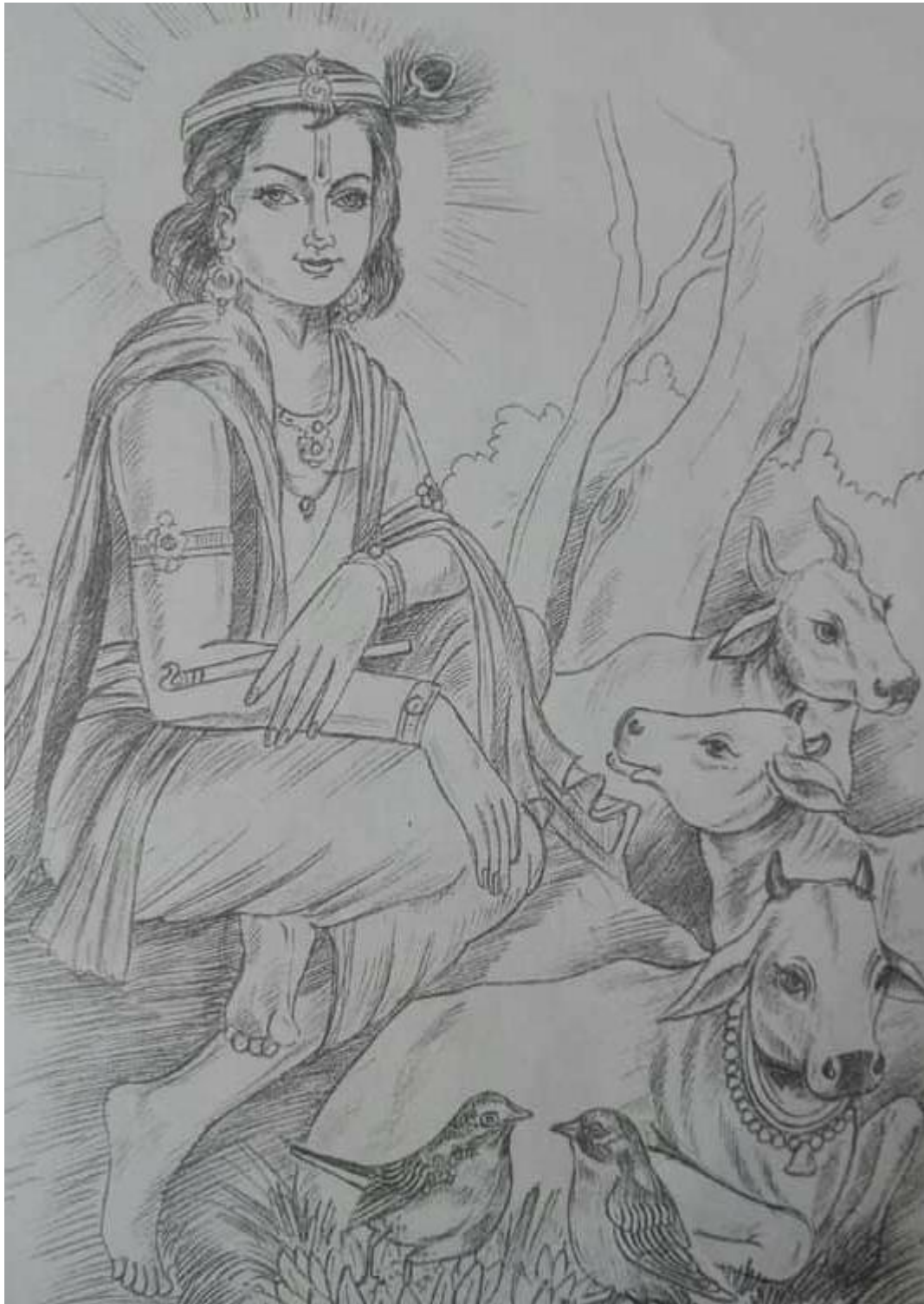
But the most interesting feature in the Odyssey Ark is its ability to swivel into portrait mode. It's a feature available in plenty of monitors, but not something you'd expect to find in one measuring 55-inches and with such an aggressive curve. Samsung says it gives users a "cockpit-style" view to "[offer] a new gaming experience." Tim Schofield shows how this orientation can be used for multitasking with games, streams, and videos open simultaneously.

-Swathi.M /FINAL YEAR /ECE



-RITHIKA.S/ECE/2nd Year





-Thrisha.G/ECE/1st Year

நிழலோடு அமைதியாக
நீளமான என்
அமைதிகள்....

விருப்பமான இசையோடு
விலகிய என்
தனிமைகள்...

என்னை பார்ப்பதற்கு மட்டும்.

என் விழிகளை திருப்பிய
என் இமைகளின் இசைவுகள்....

மனதை திருப்பி என்
மவுனத்தை மயக்கிய என்
மாயக் கண்ணாடி
பிம்பங்கள்.....

நான் என்னை பார்க்க
நாணாக திரும்பிய என்
எண்ணக் குழைவுகள்...

சற்று அமைதியுற எத்தனை
சத்தங்களை அகற்றினேன்... அத்தனை
சத்தங்களும் அகன்று போக
நான் மட்டும் பூமத்திரேகையாய்
என் பூமியில்...

இனி இரவுகளிலும் பயமில்லை
என் உறவுகளிலும் பயனில்லை...

நானே நிஜம் நானே நிழல்
நானே மௌனம் நானே மரணம்..

- Viswesvaran.K.E /3rd year /ECE

Habits are the great hypnotist,
Which never let you come out of the trap bit.
They do, You too.
They like and hike throughout life
They repeat, get repaired and
Want to deplete it and
gets mentally impaired.
Each have their own kind of habits
The way so many have to spark a split.
Not all are expert in adapting,
Say not all can be interacting.
Though habits changes
People manages to live a beautiful life.
Habits are the great hypnotist.
Believe me or not, you the stigmatized.

-V Varshaa /1ST Year/ECE

Quotes for your thought

you are the artist of your life..... don't give the paintbrush to anyone else

sometimes the smallest things take up the most room in our hearts.....

Life is a circle of happiness, sadness, hard times, and good times. If you are going through hard times have faith that good times are on the way.....

-RITHIKA .S/2nd Year/ECE



From nowhere the entire world was affected by an unknown virus which ceased the entire world population. Doctors had to treat themselves as they had no time to treat others. The number of humans left were very less as the death became more vulnerable. All over the world death rate increased, leaving no people to even record death. The population reduced to 10 in number from 7 billion. So, the medication along with death record was taken by AI robots built by Arsenal Tech which was built based on futuristic thoughts.

The last ten were treated in a hospital located at a remote city. They were medicated in individual rooms along with a robot that was tracking the living human. With a fear in heart a man comes to know that he is last person left out and awaiting his death. Knowing that death is at his door step, what feared him the most is the knock at the door. Knowing he is the last one alive his heart frozen to death.

KNOCK KNOCK.....

- R.V.Pragadeesh II ECE

Inspired from worlds shortest horror
story by ***Fredric Brown***