



NATIONAL ENGINEERING COLLEGE

(An Autonomous Institution - Affiliated to Anna University, Chennai)

K.R.Nagar, Kovilpatti-628 503.

Department of SCIENCE and HUMANITIES



Newsletter 2K19-2K20

NATIONAL ENGINEERING COLLEGE



Computer Science
and Engineering

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Issue - 2



CIVIL ENGINEERING



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From Director's Desk

It gives me immense pleasure to share a few words about the newsletter of Science and Humanities Department.



Dr.S.Shanmugavel

Director

The objective of the newsletter is to share information, activities & achievements of Science & Humanities Department. To a large extent, newsletter has really been so helpful to improve the artistic quality and the habit of reading among the NECians, so that they can make a meaningful contribution towards the development of society. This has been a golden opportunity for the students to sharpen their creative talents. The newsletter has always been a successful attempt in bringing out the best of our young technocrats.

I congratulate the effort taken by the Department of Science and Humanities for the publication of the newsletter.

From Principal's Desk

I am very glad to welcome you all to this newsletter, refined way of exhibiting the talents of the students. NEC campus is always known for its perfection that it has got in all the activities and it has become a technological and intellectual hub of highly talented students. Newsletter is always a motivational factor for the creative and innovative mindset of the students. The role of newsletter is highly significant in showcasing and promoting the talents of the students. The very purpose of this institute is to bring out the potentiality of each student and provide them proper guidance so that their potentials can be highly made use of building them as engineers, being capable of meeting any kind of challenge. I feel proud to convey my best wishes to the versatile students' crew behind this meritorious effort.



Dr.K.Kalidasa Murugavel
Principal

From HoD's Desk

It is my pleasure to congratulate the students and the faculty members of Science and Humanities Department for the publication of this newsletter. Newsletter will always highlight and focus on the activities being carried out in the Department, the academic achievements of both

faculty members and students as well as the innovations occurring in the department. The newsletter has got its relevance and importance in this technological era that it will create a platform for both faculty members and students to share their creativity and their innovative ideas. It will be helpful for their overall and individual development. I always believe that one must find the meaning of his life in his daily work. One can give his best only when he realizes that it is not just a work, but something more than that which is going to improve many lives.



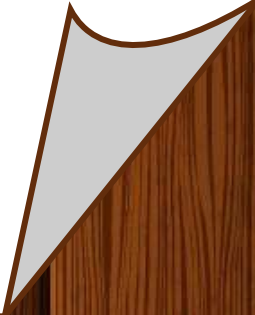
Dr.M.A.NEELAKANTAN

HOD(S&H)

EDITORIAL BOARD'S MESSAGE

This newsletter is an attempt of creating a forum where the artistic talents of the young flourishing engineers got exhibited. It has also got the objective of giving the readers a pleasant experience. Whenever such platform is created the logical and artistic way of thinking of the students got boosted up. The fascinating innovative thoughts and ideas of the students will certainly be a visual and intellectual feast for the readers. It has tried to extract the essence of NEC family in every possible ways. The collaborative effort between all the faculty members and the students of our department and the guidelines of our head of the department made this newsletter publication successful. This yearly publication of newsletter will always represent the creative side of NEC.

Our students and their hidden talents are the wealth of our institution. Newsletter is the best possible attempt to channelize the artistic quality of the students in every possible way. The best part of an educational institution is that what it can provide for the students beyond the academics and the syllabus. It is very important for each educational institution that how far it is committed to its non academic activities. The purpose of education is fulfilled and complete whenever a student gets recognized for his / her non academic creative talents. In such broader sense, the newsletter of our department of science and humanities has got its own significance.



WHEN I BECOME A MOTHER!!

When I become a mother

I would never tell my daughter

About the sleeping beauty who waited for a handsome prince to awaken her

About Snow White's malleability and wet behind the ears

About irresponsible Cinderella who forgot her glass slipper

About the Beauty in "The Beauty and Beast" who was too perfect and failed to rebel

About treating women as goddess, they do have right to commit mistake

When I become a mother

I will tell my daughter about

Women who saved themselves

Women who were self reliant and intelligent

Women who were gutsy enough to change the history

ANU.R

I year IT



Wanderer

For a while, I ride my life,
I reflect my thoughts,
I wander into a different world,
I chase stars.

For a while, I own the dream,
I feel the warmth of the sun,
I meander on the roads,
I feel the spell.

For a while, I chart my destiny,
I design my journey,
I flounder with joy,

A.Karthika,
ECE

FRIENDSHIP

True friends give the trust,
Absence of trust is just a guest;
First God of every soul is -
Always their parents and teachers;
Second comes their buddies.
Fellowship is not only with bliss,
It is also a mixture of tears.
Anger turns into a strong bond,
Ego is just a word
Possessiveness always won
When other comes on.
Friendship has no ending,
But have infinite insulting.



NITHU ANISHKA.N

EEE

LIFE

Life is a four letters word
It depends on two words,
They are ease and hard;
Where there is a bliss
There comes the word ease.
Approach of infinite shred,
Makes the soul to feel hard.
Both are life's random sign
In short of these none can shine.
In the ocean of negative thoughts,
There is a drop of positive thoughts
Gives the power and bravery.

NITHU ANISHKA.N

EEE

NATURE

**The leaf falls gently
Floating down towards the
ground,
Crunching underfoot**

**The wave rises high,
Crashes down onto the rocks,
Gone but still alive**

**As the warm sunsets
A sudden coolness descends,
On those left behind**

I.Madhumadhi

I year IT

MIND SET OF COLLEGE STUDENTS

FIRST YEAR:

The department will remain ever last,
The cultural are coming steadfast;
Will I see it quickfast?

SECOND YEAR:

The class will remain everlast,
The subjects are coming steadfast;
Will I learn it quickfast?

THIRD YEAR:

Training will remain everlast,
The projects are coming steadfast;
Will I complete it quickfast?

FINAL YEAR:

Companies will remain steadfast;
Will they select me quickfast?

WE WON'T LIVE WITH OUR MINDSET

WE CREATE OUR MINDSET

DHARANI S
I year IT

Friendship

The kindness of friends,
Is creating community,
And nurturing grace.

You helped me laugh,
You dried my tears,
Because of you,
I have no fears.

The language of friendship is
Not words but meanings.

The miles between us
Can't keep us apart,
Because we will keep
Each other close at heart.

Good friends live for you,
They accept you for who you are,
And help when they can.



Saranya A

I year IT

ARTIFICIAL INTELLIGENCE IN CIVIL ENGINEERING

We classify the major applications for artificial intelligence in construction and building under the following categories:

Planning and designing

GenMEP by Building System Planning

Building Information Modeling (BIM) is a 3D model-based process that gives architecture, engineering, and construction (AEC) professionals the insights to efficiently plan, design, construct, and manage buildings and infrastructure. Autodesk Revit is one such BIM software (commonly termed 4D BIM in the construction industry) which allows users to design buildings and internal components in 3D and link time or schedule related information to individual components in the 3D model.² – Safety and Efficiency

BIM 360 IQ by Autodesk

Autodesk launched the BIM 360 Project IQ, which is a product development initiative that claims to use connected data and machine learning to predict and prioritise high-risk issues or project subcontractor risk. However at the time of writing, Project IQ is still currently in pilot and requires BIM 360 Field data (data from existing users of Autodesk's cloud services platform BIM 360 Field) and is targeted toward general contractors who are already actively using Autodesk's BIM 360 construction management software.

Using the BIM 360 Field data gathered from the site in the form of audio, video and construction management documents, Autodesk claims that the Project IQ software can provide actionable insights for the challenges that construction managers and superintendents face everyday in terms of risk-mitigation.

"Things may come to those who wait, but only the things left by those who hustle."

– Abraham Lincoln



Autonomous Equipment

Smart construction by Komatsu

Komatsu, one of Japan's largest construction and mining equipment manufacturers, announced a partnership with NVIDIA with the aim of developing an AI enhanced safety system for jobsites to build 3D visualizations and track the entire construction site the real-time interaction of people, machinery and objects in the site. NVIDIA founder and CEO Jensen Huang believes the ability of construction machinery to perceive their surroundings and be continuously alert to humans and other construction objects in their surroundings through the use of 3D models will help operators work more efficiently and safely.

Monitoring and Maintenance

Comfy by Building Robotics

Building Robotics, a startup based in Oakland, CA, offers 'Comfy', a building automation management application that lets users of commercial spaces and office buildings place centralized requests thermostat temperature. The company claims that their platform can change the thermostat settings in a space on-demand, and have preferences automatically applied over time.

According to Building Robotics and Intel (Intel provides IoT gateways enabling the physical connection of the Building Management System (BMS) to the cloud) the Comfy app can collect data from existing BMS in commercial spaces and also take into account user request data to moderate and optimize temperatures in different parts of the building dynamically with the aim of increasing cost savings and improving energy efficiencies in commercial spaces.



ABINAYA.N

(1916001)

I year CIVIL

Talk to yourself once in a day, otherwise you may miss meeting an excellent person in this world.

– Swami Vivekananda

HONESTY

Honesty means the truthful for a person in all the particular time of life. It involves not to lie to any other person, never hurt any other person through our activities and behaviors. Honest person never get involved in the activities that is properly wrong.

Benjamin franklin has said a very good statement about this “Honesty is the best policy”. In another statement Thomas Jefferson said that “Honest id the first lesson of the knowdlege book”. Both the statement have been written by the great men in the past, however, these statement will remains true in the future.

Honest leads a person towards a golden path which gives a more happiness and joy in a whole part of the life. A person can be in honest only when he follows honest in various aspects such as, honest in speak, honesty in workplace, honesty in justice, honesty in behaving, and all the activities in our day to day life. Honesty make a person free of all problem and fearless in our life.

Honesty strengthen and prove the relationship between the people. It certainly helps in bringing people together. Mostly it is connect between the individuals. Honesty will certainly result in high quality friends. The friendship will be very close and strong which involves such individual.

It helps in maintaining the peace of minds. Honesty motivate a person tolive without fear and free of all the problem, however, dishonesty make a person lack of mental peace and internalsatisfaction. Honesty develops positive attitudes to take better decision and improve quality of life. It removes all the negative thoughts from mind and improve the mental health.

If all the people in the world will be honest there are no corruption because of honest people and a sense of duty in our activities, honest people is less stressed so less prone to stress induced disease, honesty in duty display dedication and increase productivity in job and business. Increased productivity leads to higher economic development and financial stability. Honesty like a good weapon in the life which benefit as through many advantage and it can be developed naturally without any cost being a lie person may our all privileges of being trust worthy in the hearth of our family members friends and close to all relatives

Connect with people find honest clients. Find honest friend. We know they are there but they don't like to show they are honest in publicly. Whereas dishonest people are always trying hard to show their honest. When seem too good to be true then there is something wrong. So be carefully and just enjoy your life. Do good have good and remember. God was watching everything.

“Honesty
is the first
chapter in
the book of
wisdom.”

Maddi Jenkins
17 June 2013 11:56 pm

“No legacy is so rich as
honesty”

-William Shakespeare

ESAKKIMUTHU RAJA G
(1910057)

I year MECH

Technology

“Technology is the best when it brings the people together”.

Introduction:

Technology is the skills, methods and processes used to achieve goals. Engineering is the goal oriented process of designing and making tools by using the techniques from science. Technology refers to the tools and machines that is used to solve real-world problems. The technology used in the field of robotics. Thus, the technology plays an integral role in day today life.

Development of Technology:

Technology plays an important role in our lives through smartphones, tablets and computers. Today, we can't be able to function without technology. In a very short span of time technology has exploded in the market and for many people they cannot even imagine the life without technology. Technology is to create something better than what we used previously. Nowadays, Internet is available everywhere. With the help of internet and technology we will have face to face conversations through video, skype, google hangouts, zoom and google meet. When more people having conference in online, geographic barriers that hindered communication were torn down. Instead, companies can engage with consumers in a more humanistic manner, people can talk to people face-to face without having any travel and reaching out to the people all over the world is faster and easier



“Patience, persistence and perspiration make an unbeatable combination for success.”

-Napoleon Hill

Pros and Cons of Technology:

Technology is a boon for many of us by making our lives easier by

- Saves time
- Enable instant communication and interaction
- Improves quality of life
- Helps to ensure safety
- Easy access to information

Though technology has changed our lives for the better, there are many negative implications

- Causes addiction

CONCLUSION :

Technology is one of the greatest tools for mankind. Technology can be a cause for some jobs to become obsolete, causing unemployment. Moreover, current technology needs to focus on being more eco-friendly and minimize their carbon footprints.

KARTHIKA M (1911074)

I year ECE

“The advance of technology is based on making it fit in so that you don’t really even notice it, so it’s part of everyday”.



“Technology, like art, is a soaring exercise of the human imagination”

Live as if you were to die tomorrow learn as if you were to live forever.

– Mahatma Gandhi

PASSION IS MORE IMPORTANT THAN MONEY

“Success is getting what you want
Happiness is wanting what you get “

Money is very powerful thing. It builds empires and breaks down kingdoms, it makes dreams to come true and it takes other away , it makes few people happy and others completely miserable, Today , many will argue that money is happiness.



Every morning, Monday to Friday, you go to work from 9 to 5 sitting there, whiling away the time , the hours getting stressed about work. This is not the right way to enjoy your life. You have got only one life, so don't waste it by working Somewhere you hate, just because to earn money.

There is nothing more worst than waking up every morning, without passion, going to do work, you won't even care about. However, this is not even an issue when your passionate about the work you do. It is not right, If you are forced to work somewhere because of monetary constraint. You truly enjoy what you do and it's a work when it is with passion.

“Fuel your passion“

Follow your passion
or dream job not
money.

VENI T (1916044)
I year CIVIL

“To succeed in life, you need two things: ignorance and confidence.”

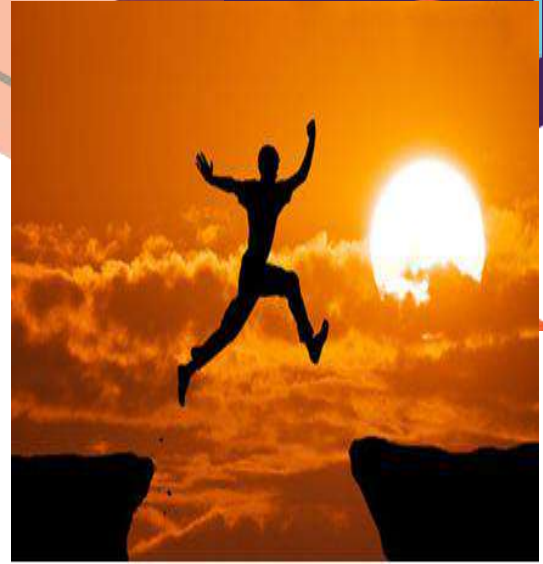
– Mark Twain

SUCCESS

Success is a very powerful word. Many of us run behind it, most of us want to conquer it. What is success all about? Does this mean acquiring money or fame? Success means different to different people.

The accomplishment of an aim or purpose is the definition of the success given by the Oxford dictionary. But in reality it differs according to people's interest and goals. It is very important for every individual to define their own concept of success rather than following someone else's footsteps.

True success means understanding our dreams and working joyfully to make those dreams come true. Many great people have suggested various ways to achieve success. But the real secret ingredient to nail success is to believe that we are already successful.



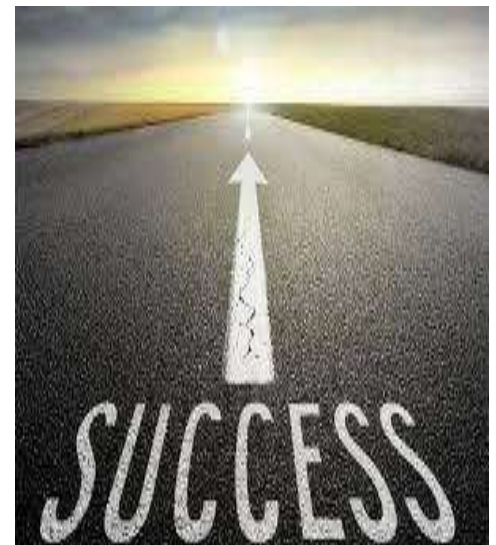
Follow our passion, build confidence, discipline.

Success can be easily achieved if we follow three success factors:-

If we stick to this three factors, nothing can stop us from tasting success. Success is a journey which continues even after the goal is achieved.

We should know not only handling success but also the failures. Particularly if the person is in the management environment, the young people must know to manage the failures. Because, any task you do, you have come across the problems. The project chief should become the captain of the problems and defeat the problems and succeed.

Learning gives creativity, creativity leads to thinking, thinking provides knowledge and knowledge makes you great. History has proven that, those who dare to imagine the impossible is the one who breaks all the human limitations. When the limitations of imaginations are broken, the fruit of success is tasted by him.



Manoj K
(1911082)
I Year ECE

“Don't let the fear of losing be greater than the excitement of winning.”

-Robert Kiyosaki.

THE HIDDEN JUNGLE MONUMENT

In 1860, a french naturalist, **Henry Mouhot** was cutting his way through the cambodian jungle in search of exotic insects. He suddenly came across the last thing he was expecting “a massive complex of stone temples”. Mouhot was stumbled across one of the world’s most astonishing and enduring architectural feats, the nine hundred year old remains of **ANGKOR WAT**, but who built these vast sophisticated temples? , why to construct them deep in the jungle only to abandon them? , At first there were no answers, then an amazing eyewitness account from the 13th century emerged in china, the author describes the great temple of angkor, a fantastic citadel and its resourceful inhabitants. How could this be true? , the evidence was scant. Now science is providing unexpected proof, Archeologists are applying the latest techniques to reveal the mysteries of angkor and radar images from space revealed that angkor was much bigger than originally imagined, A Vast city the size of London. Scientists now know that angkor wat was just a small part of one of the largest and most sophisticated cities in the world.

Angkor wat, one of the world’s true enigmas, its size and purpose baffling. Larger than any cathedral it is truly one of the greatest structures ever built. Its towers shaped like lotus flowers were raised a hundred years before the cathedral of chartres in France. The buildings were laid out on a vast scale, stone shrines ascending one upon the other as if reaching for the heavens. Endless corridors are carved with the longest reliefs in the world. The precise construction would be hard to match even with lasers used by modern surveyors.

The initial design and construction of the temple took place in the first half of the 12th century, during the reign of Suryavarman II (ruled 1113 – c. 1150). Dedicated to Vishnu, it was built as the king's state temple and capital city. As neither the foundation stela nor any contemporary inscriptions referring to the temple have been found, its original name is unknown, but it may have been known as "Varah Vishnu-lok" after the presiding deity. Work seems to have ended shortly after the king's death, leaving some of the bas-relief decoration unfinished. The term Vrah Viṣṇuloka or Parama Viṣṇuloka literally means "The king who has gone to the supreme world of Vishnu", which refer to Suryavarman II posthumously and intend to venerate his glory and memory. In 1177, approximately 27 years after the death of Suryavarman II, Angkor was sacked by the Chams, the traditional enemies of the Khmer. Thereafter the empire was restored by a new king, Jayavarman VII, who established a new capital and state temple (Angkor Thom and the Bayon respectively) a few kilometers to the north. when Suryavarman II died his ashes would have been placed under the heart of the central register.

"I cannot give you the formula for success, but I can give you the formula for failure which is: Try to please everybody."
– Herbert B. Swope

Angkor wat the holy temple is symbolic in every way. Its vast square moat represents the oceans around Mount meru legendary home of the hindu gods, when Henry mouhat stumbled across encore in 1860 he wrote “one of



these temples arrival to that of solomon and directed by some ancient, Michelangelo might take an honourable place beside our most beautiful buildings it is grander than than anything left to us by Greece or Rome. The Frenchman suspected that the temples belong to a huge and sophisticated civilization, but he had no evidence. Angkor wat lies in the Northwest floodplains of Cambodia just above the only great lake. When mouhot discovered it in 1860 only buddhist monks and local villagers lived around the ancient site. None of them knew how angkor wat had evolved or who had build it. Legend had it that the great

In Europe, the publication of mouhot journal created sensation, soon a stream of explorers photographers and archaeologist traveled east keen to uncover the mysteries of this vanished world, but mouhot life travel came to a sudden end, bitten by a poisonous insect he died in the jungle the year after discovering the incredible site. As early explorers began to strip away the jungle they discovered even more temples, the walls of the vast monuments were covered in intricate carvings. These reliefs illustrate legends of an ancient culture and its religion. The sandstone sections were carved in place.

They would have taken the artist decades to complete. Inscriptions here were written not only in an ancient Cambodian language but also mysteriously in sanskrit the priestly language of the hindus. One of the great breakthroughs has been the translation of the entire corpus of angkorian inscriptions by a french scholar George sur Des in seven thick volumes and so bit by bit the actual internal history of angkor has been unraveled, and that's been absolutely critical. To the codebreakers they disclose that the sixth centuries ankle had been the capital of the khmer the indigenous people of cambodia. Between the 9th and 15th centuries totally 38 kings were ruled their empire from angkor. Its borders reached from southern vietnam to laos and from the mekong river to eastern berlin.

Today angkor is recognized as a wonder of the world in cambodia's new era of stability archeologists from the world continue to make fresh discoveries. At last a world lost to the jungle is reimagine a major metropolis that for over half a millennium dominated a thriving empire. One of the greatest cities the world has ever known.

Supriya A (1911047)

I year ECE

“If you don't value your time, neither will others. Stop giving away your time and talents. Value what you know and start charging for it.”

-Kim Garst

ELIZABETH MURRAY (LIZ MURRAY)



Elizabeth Murray is an American inspirational speaker. She is poor and has a drug - addicted parents. She became homeless in 15 years. Even though she is homeless, she studied hard and she was awarded a New York Times scholarship for needy students and was accepted into Harvard University, matriculating in the fall semester of 2000. After getting this award, she worked hard and explored her talent. Then she became the founder and director of Manifest Living and a motivational speaker. A made-for-TV film about Murray's life Homeless to Harvard: The Liz Murray Story, was released in 2003. Liz Murray's New York Times (US) and Sunday Times (UK) bestselling memoir "Breaking Night" was released in September 2010.

On May 19, 2013, she was awarded an honorary doctorate of public service and gave the commencement address at Merrimack College in North Andover, Massachusetts. This lady inspired all the girls who has no parents. Even though we have no parents or no support, if we have talent, hardworking mind, self motivation, self confidence, etc., we can achieve everything.

JOYSLIN JANET J

I year EEE

COCKROACH THEORY BY SUNDAR PICHAI



Once Sundar Pichai has been into a restaurant. He ordered coffee and started observing the group of ladies sitting in the next table. At the restaurant, a cockroach suddenly flew from somewhere and sat on the hand of one of the lady in that group. She started screaming out of fear. With a panic stricken face and trembling voice, she started jumping desperately trying to get rid of cockroach. Her reaction was contagious, as everyone in her group also got panic. The lady finally managed to push the cockroach away but.....it landed on another lady in the group. Now, it was turn of the that lady to continue the drama. The waiter rushed forward to rescue. In the relay of throwing, the cockroach next fell upon the waiter. The waiter stood firm, composed himself and observed the behaviour of the cockroach on his shirt. He was confident enough and he grabbed it with his fingers and threw it out of the restaurant.

Sipping his coffee and watching this scene Sundar Pichai started wondering was the cockroach responsible for their histrionic behaviour? If so, why was the waiter not disturbed?.He handled it near to the perfection without any fear. It is not the cockroach but the inability of those people to handle the disturbance caused by the cockroach, that disturbed the ladies. Then he realised that, it is not the shouting of my father or my boss that disturbs me, but it is my inability to handle the disturbances caused by their shouting disturbs me. It is not the traffic jam on the road that disturbs me, but my inability to handle the disturbances caused by the traffic jam that disturbs me. More than a problem, it is my reaction to the problem that creates trouble in my life.

MORAL: *We should not react in life, we should always respond in my life*

A. Karthika

I year ECE

SKILL RACK REPORT

MEDALS SUMMARY REPORT

Medals	No of students attained
1000+	1
800+	1
700+	2
600+	9
500+	18
400+	36
300+	52
200+	72
100+	147

BRANCH WISE REPORT

BRANCH	BRONZE
CSE	25447
ECE	22249
EEE	22590
MECH	9706
CIVIL	6753
IT	14154

DAILY CHALLENGES (MORE THAN 100 PROGRAM SOLVED COUNT)

NAME	BRANCH	PROGRAM SOLVED
VIMAL KUMAR..B	CSE	175
KARTHIRAM. A	CSE	101

PROGRAMMING TRACKS (MORE THAN 1000 PROGRAMS SOLVED)

NAME	BRANCH	PROGRAM SOLVED
JANAPREETHI S	CSE	1055
SAIRAM KUMAR S	CIVIL	1081
JANAPRIYA S	CSE	1050
SARULATHA M	CSE	1044

TOP 10 MEDAL SCORERS

NAME	BRANCH	MEDALS
SAIRAM KUMAR S	CIVIL	1006
DHARANI S	IT	858
ARUNA RAMALAKSHMI P	CSE	786
JEKHAN J S	EEE	755
VASUKI G	EEE	678
SARULATHA M	CSE	666
JANAPREETHI S	CSE	659
SHARMIE V	EEE	657
JAGATHISH L	EEE	652
JANA PRIYA S	CSE	651

WEBINARS CONDUCTED DURING COVID'19 LOCKDOWN PERIOD

S.No	Date	Title	Resource Person
1	14.05.2020	What they don't teach you at the institute	Mr.L.Gowri Shenbagaraman, AGM HR, Ashok Leyland. Chennai. (our alumni)
2	20.05.2020	English Enrichment '20(Exclusively for +2 students) –Narrative Skills	Mr.K.Nandakumar AP/S&H NEC
3	21.05.2020	English Enrichment '20 – Descriptive Skills	Ms.S.Thangam AP/S&H NEC
4	22.05.2020	English Enrichment '20 -Concord	Dr.S.D.Selvasundari AP(SG)/S&H NEC
5	23.05.2020	English Enrichment '20 -Learn Vocabulary with Root Words	Ms.S.Jeba Soft Skill Trainer NEC
6	25.05.2020	English Enrichment '20 -Pronunciation & Funny Vocabulary	Ms.S.Parvathy Natarajan AP/S&H NEC
7	26.05.2020	English Enrichment '20 -Reading Practice & Conversation	Mr.S.Subash AP/S&H NEC
8	27.05.2020	English Enrichment '20 -Listening and Responding	Ms.V.A.Sujitha AP/S&H NEC
9	28.05.2020	English Enrichment '20 -Personality Adjectives	Mr.S.Subash AP/S&H NEC
10	29.05.2020	English Enrichment '20 -Vocabulary related to Expressions & Feelings	Ms.S.Thangam AP/S&H NEC
11	30.05.2020	English Enrichment '20 -Effective Communication for Freshers	Ms.S.Jeba Soft Skill Trainer NEC
12	28.05.2020 29.05.2020 01.06.2020 02.06.2020	Placement Focused Webinar - Technical & Aptitude	Mr.V.S.Praveen Senior Trainer & Content Developer(Innovative HR & Training Services) Mr.Selvakumar Senior Technical Trainer (Fine Mind Placement Academy P.Ltd.)

13	03.06.2020	How to Prepare for GRE and TOEFL	Dr.Punarbasu Roy Doctoral Student (University of Minnesota, USA)
14	04.06.2020	Towards the Success	Mr.Yogees Kumar Team Lead - L&T Info Tech Chennai
15	05.06.2020	Impact of Meteorological Parameters on Covid 19	Dr.Chidabaram Sabarathinam Research Scientist - Water Research Centre , Kuwait Institute for Scientist Research, Kuwait.
16	06.06.2020	Materials for energy: Past, Present and Future	Dr. R.Antony Rajendran - Post Doctoral Fellow Prof. Wen-ying Li Research Group -Key Laboratory of Coal Science and Technology Taiyuan University of Technology, Taiyuan, PR China.
17	08.06.2020	Engineered Nano Materials for Bio Medical Applicatios	Dr. G. Bharath Research Scientist- Khalifa University Abu Dhabi, UAE
18	09.06.2020	“Fast radio bursts: the puzzle still not solved”	Dr. Sergei Popov. D.Sc.,Professor- Department of Space Research; Sternberg Astronomical Institute Moscow State University Russia
19	10.06.2020	The Carbon Cycle	Dr. Saravanan Ramasamy; Angelo state University Texas,USA
20	11.06.2020	Role of Engineers in Drug Design :Molecular Docking Studies	Dr.J.Haribabu ,Ph.D JSPS – Post Doctoral Researcher Faculty of Pharmacy Science, Tokyo University of Science Japan

21	11.06.2020	An Overview of Plasma Technology and Its applications	Dr.A.Pragatheeswaran, Project Officer; Department of Metallurgical and Materials Engineering; Indian Institute of Technology Madras
22	12.06.2020	Mitochondrial Biology : The Fate of Glucose	Dr.Soni Deshwal Humboldt Fellow; Max Planck Institute of Ageing, Cologne,Germany.
23	19.06.2020	Remote Sensing and its Applications	Dr.Pravin Jeba Dev Post doctoral fellow Israel Oceanographic and Limnological Research Migdal, Israel
24	21.06.2020	Solar Eclipse-Viewing Safely & Busting Myths	Mr.S.M.Kumar, District Science Centre, Tirunelveli
25	23.06.2020	What How and the Healthy Society?-An Engineering Approach	Dr.K.Shankar Dept of EIE, Assistant Professor II grade NIT Silchar, Assam
26	20.07.2020	Recent trends in Computer Science	Mr.R.Arun Nadesh Principal Engineer Harman Internationals Bangalore
27	13.07.2020	Modulation of relative oxygen and nitrogen species (ROS/RNS) by nanozymes	Dr. Sourav Ghosh (Research Associate ,Department of Inorganic and Physical Chemistry , Indian Institute of Science , Banglore.)
28	15.07.2020	Application of Basic Science in Space Technology	Raju K. George, Ph.D (Professor and Head of Mathematics , Indian institute of Space Science and Technology, Thiruvananthapuram.)

29	17.07.2020	Biometric Synthesis of Bioceramic Composites	Dr. S. Narayana Kalkura (Professor- UGC-BSR Faculty Fellow Crystal Growth Center (UGC – National Facility Centre), Anna University, Chennai.)
30	24.07.2020	Presentation Skill	Joshua Gnanakkan (Client Relationship Manager Cambridge Assessment English, Chartered Management Accountant , CIMA – UK)
31	26.07.2020	Way to Success After +2 (Career Guidance Programme)	Mr. Jayaprakash A. Gandhi (Educational Analyst and Career Consultant)

FUN RIDDLES

- 1. I have no life, but I can die, What am I?*
- 2. You can break me easily even without touching me or seeing me. What am I ?*
- 3. What has six faces, but doesn't wear makeup, and twenty one eyes, but can't see ?*
- 4. The more there is the less you see. What am I ?*
- 5. What has to be broken before you can use it?*
- 6. What is cut on a table, but is never eaten?*
- 7. What begins with an "e" and only contains one letter?*
- 8. A woman shoots her husband , then holds him underwater for five minutes. Next she hangs him.
Right after, they enjoy a lovely dinner. How ?*
- 9. What can you hold in your right hand, but never in your left hand ?*
- 10. Which word in the dictionary is always spelled incorrectly ?*
- 11. How is seven different from the rest of the numbers between one and ten?*
- 12. What are the next three letters in this combination O T T F F S S ?*

ANSWERS:

- 1. Battery*
- 2. A Promise*
- 3. A Dice*
- 4. Darkness*
- 5. An Egg*
- 6. A Deck of Cards*
- 7. An Envelope*
- 8. She took a picture of him and developed it in her dark room.*
- 9. Your left hand*
- 10. "INCORRECTLY"*
- 11. Seven has two syllables but others have only one syllable.*
- 12. E N T (Pattern :One , Two, Three, Four, -----)*

ANANDH A

I Year B.Tech. IT

1915002

RIDDLES

1. Which drinks come after the letter 'S'?
2. Which country is a name of a bird?
3. 5 letter word, 2 letter left come six?
4. Two in a corner, one in a room, zero in a house, but one in a shelter what is it?
5. The more you take, the more you leave behind what are they?
6. Can you write down eight eights so that they add up to one thousand?
7. What English word retains the same pronunciation, even after you take away four of its five letters?
8. Nine (IX) make 6 ?
9. A to Z goes Z to a what?
10. 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 use the digits above once each only to compose two fractions which when added together equal to 1?
11. I am an odd number. Take away a letter and I become even. What number am I?
12. What 4 letter word can be written forward, backward or upside down and can still be read from left to right?
13. What word of five letters has one left when two are removed?

ANSWERS

1. T' (Tea)
2. Turkey
3. Sixty
4. The letter 'r'
5. Footsteps
6. $888+88+8+8+8=1000$
7. Queue(Q)
8. SIX
9. Zerba
10. $35/70 + 148/296 = 1$
11. Seven
12. NOON
13. Stone

MONICA.A

I Year B.E CSE

1912080

RIDDLES

1. *I speak without a mouth and hear without ears. I have no body, but I come alive with wind. What am I?*
2. *You see a boat filled with people. It has not sunk, but when you look again you don't see a single person on the boat. Why?*
3. *What English word has three consecutive double letters?*
4. *What disappears as soon as you say its name?*
5. *I have keys, but no locks and space, and no rooms. You can enter, but you can't go outside. What am I?*
6. *First, think of the color of the clouds. Next, think of the color of snow. Now, think of the color of a bright full moon. Now answer quickly what do cows drink?*
7. *First you eat me, then you get eaten. What am I?*
8. *I'm tall when I'm young, and I'm short when I'm old. Who am I?*
9. *What is always in front of you but can't be seen?*
10. *What goes up but never comes down?*

ANSWERS

1. *An echo*
2. *All the people were married*
3. *Bookkeeper*
4. *Silence*
5. *A keyboard*
6. *Water*
7. *A fishhook*
8. *A candle*
9. *The future*
10. *Your age*

S. DIVYASHRI

I Year B.Tech. IT

1915020

RIDDLES

1. *What answer can you never answer yes to?*
2. *What is always in front of you but can't be seen?*
3. *I'm tall when I'm young and I'm short when I'm old what am I?*
4. *I am an odd number. Take away a letter and I become even. What number am I?*
5. *What begins with an E but only has one letter?*
6. *How many letters are there in the English alphabet?.*
7. *What is easy to get into but hard to get out of?*
8. *Where does success come before work?*
9. *If a red house is made of red bricks, and a yellow house is made of yellow bricks, what is a greenhouse made of?*
10. *What goes up but never comes back down?*

ANSWERS:

1. *Are you asleep yet?*
2. *The future.*
3. *A candle.*
4. *Seven.*
5. *An envelope.*
6. *18: 3 in 'the', 7 in 'English', and 8 in 'alphabet'*
7. *Trouble.*
8. *The dictionary.*
9. *Glass, All greenhouses are made of glass.*
10. *Your age.*

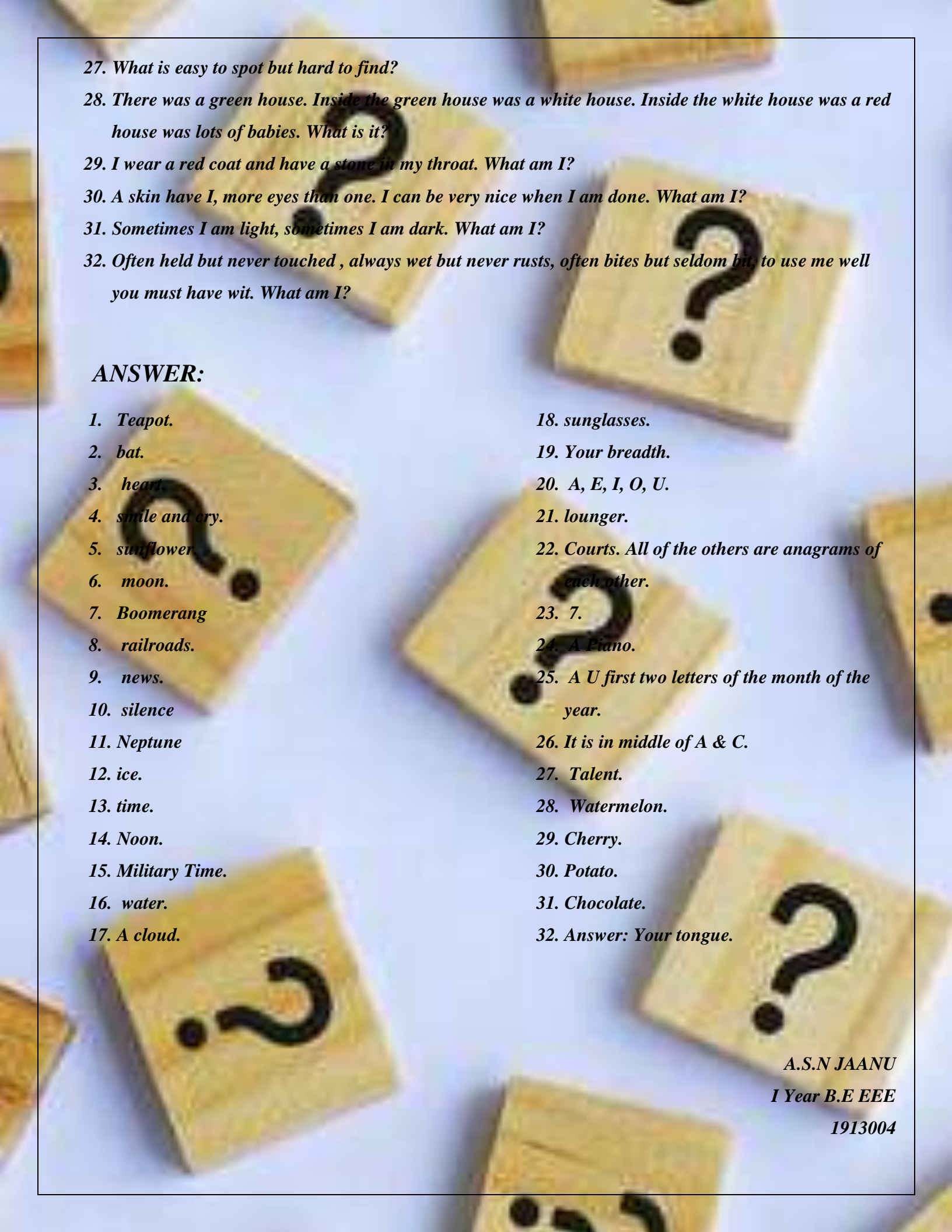
A.SOBANA

I Year B.E. ECE

1911104

RIDDLES

- 1. I begin with T, have T in the middle, and end in T. What am I?*
- 2. I sleep by day, I fly by night. I have no feather to aid my fight. What am I?*
- 3. If you break me, I'll not stop working. If you can touch me, my work is done. If you lose me, you must find me with a ring soon after. What am I?*
- 4. They won't meet each other at a time; if they meet, it's the best moment in ur life.. What is it?*
- 5. I am black of eye and bright of hair. I fast in to the ground and follow my lord as he races around the world. What am I?*
- 6. I always follow you around, everywhere you go at night. I look very bright to people, but I can make the sun dark. I can be in many different forms and shapes. What am I?*
- 7. You throw me away. I find my way back; Traditionally I'm wooden, with an arch in my back. What am I?*
- 8. I only have two backbones and thousands of ribs. What am I?*
- 9. I can be written, I can be spoken, I can be exposed, I can be broken. What am I?*
- 10. I am strong as a rock, but can be destroyed with one word. What am I?*
- 11. What kind of music does aliens like?*
- 12. When the son of the water returns to the parent, it dies. What is it?*
- 13. What is harmless but can kill you?*
- 14. What time is spelled the same forwards and backwards?*
- 15. What is 1600 plus 25 and 1700 minus 35 the same thing?*
- 16. I'm often running yet I have no legs. You need me but I don't need you. What am I?*
- 17. What movies without seeing and cries without eyes?*
- 18. I am a protector. I sit on a bridge. One person can see right through me, while others wonder what I hide. What am I?*
- 19. What is harder to catch the faster you run?*
- 20. Were 5 little items of an everyday sort . you'll find us all in A tennis court. What are we?*
- 21. What 7 letter word becomes longer when the third letter is removed?*
- 22. Which of the following words don't belong in the group and why? CORSET, COSTER, SECTOR, ESCORT, COURTS.*
- 23. Mom and Dad have four daughters each daughter has one brother how many people are in the family?*
- 24. What has 88 teeth but never brushes them?*
- 25. What are the next two letters in the series? DEJAFEMAAPMAJUJU_ _*
- 26. Why is the letter B always Cool?*

- 
27. *What is easy to spot but hard to find?*
28. *There was a green house. Inside the green house was a white house. Inside the white house was a red house was lots of babies. What is it?*
29. *I wear a red coat and have a stone in my throat. What am I?*
30. *A skin have I, more eyes than one. I can be very nice when I am done. What am I?*
31. *Sometimes I am light, sometimes I am dark. What am I?*
32. *Often held but never touched , always wet but never rusts, often bites but seldom bit, to use me well you must have wit. What am I?*

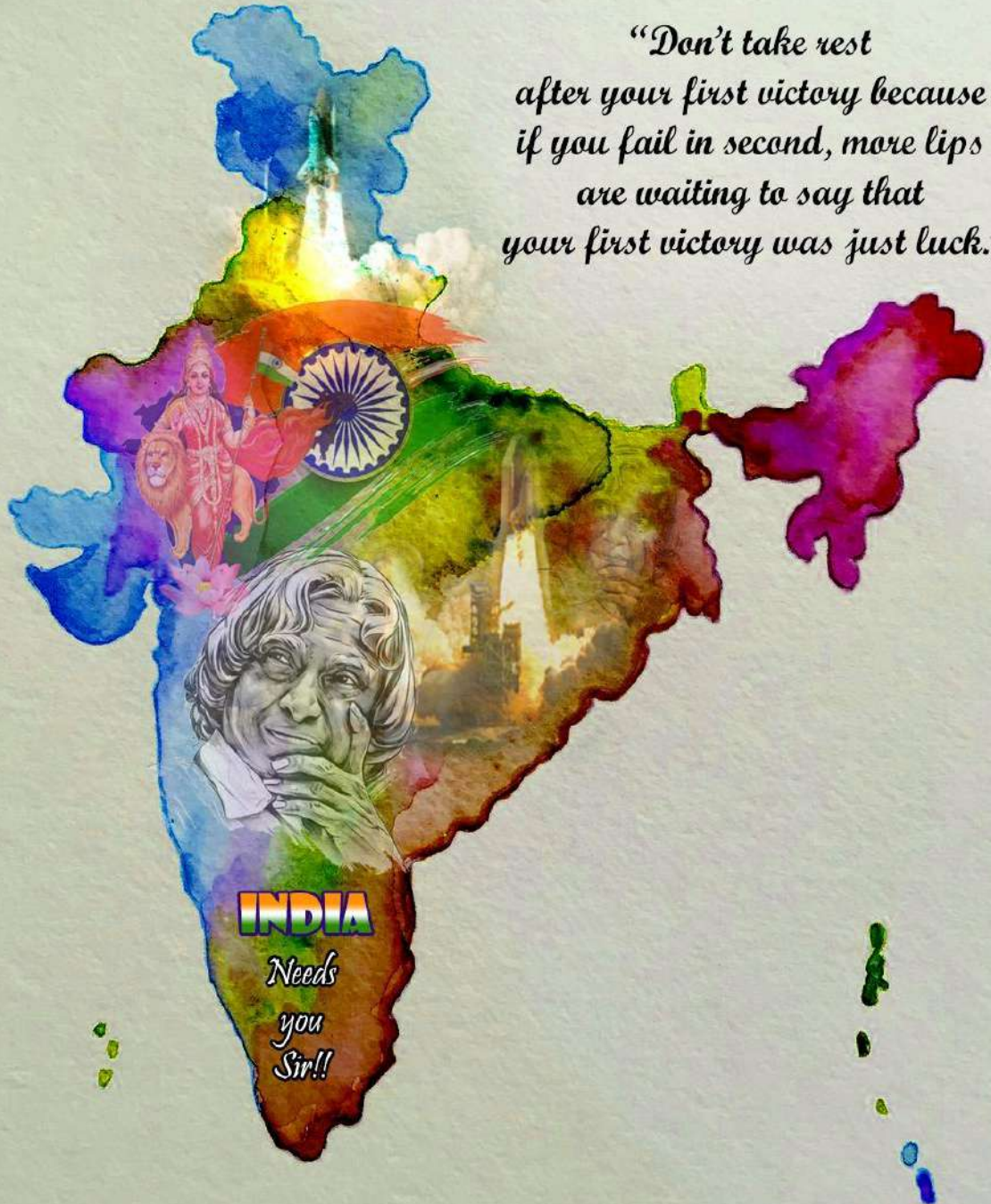
ANSWER:

- | | |
|---------------------------|--|
| 1. <i>Teapot.</i> | 18. <i>sunglasses.</i> |
| 2. <i>bat.</i> | 19. <i>Your breadth.</i> |
| 3. <i>heart.</i> | 20. <i>A, E, I, O, U.</i> |
| 4. <i>smile and cry.</i> | 21. <i>lounger.</i> |
| 5. <i>sunflower</i> | 22. <i>Courts. All of the others are anagrams of each other.</i> |
| 6. <i>moon.</i> | 23. <i>7.</i> |
| 7. <i>Boomerang</i> | 24. <i>A Piano.</i> |
| 8. <i>railroads.</i> | 25. <i>A U first two letters of the month of the year.</i> |
| 9. <i>news.</i> | 26. <i>It is in middle of A & C.</i> |
| 10. <i>silence</i> | 27. <i>Talent.</i> |
| 11. <i>Neptune</i> | 28. <i>Watermelon.</i> |
| 12. <i>ice.</i> | 29. <i>Cherry.</i> |
| 13. <i>time.</i> | 30. <i>Potato.</i> |
| 14. <i>Noon.</i> | 31. <i>Chocolate.</i> |
| 15. <i>Military Time.</i> | 32. <i>Answer: Your tongue.</i> |
| 16. <i>water.</i> | |
| 17. <i>A cloud.</i> | |

A.S.N JAANU
I Year B.E EEE

1913004

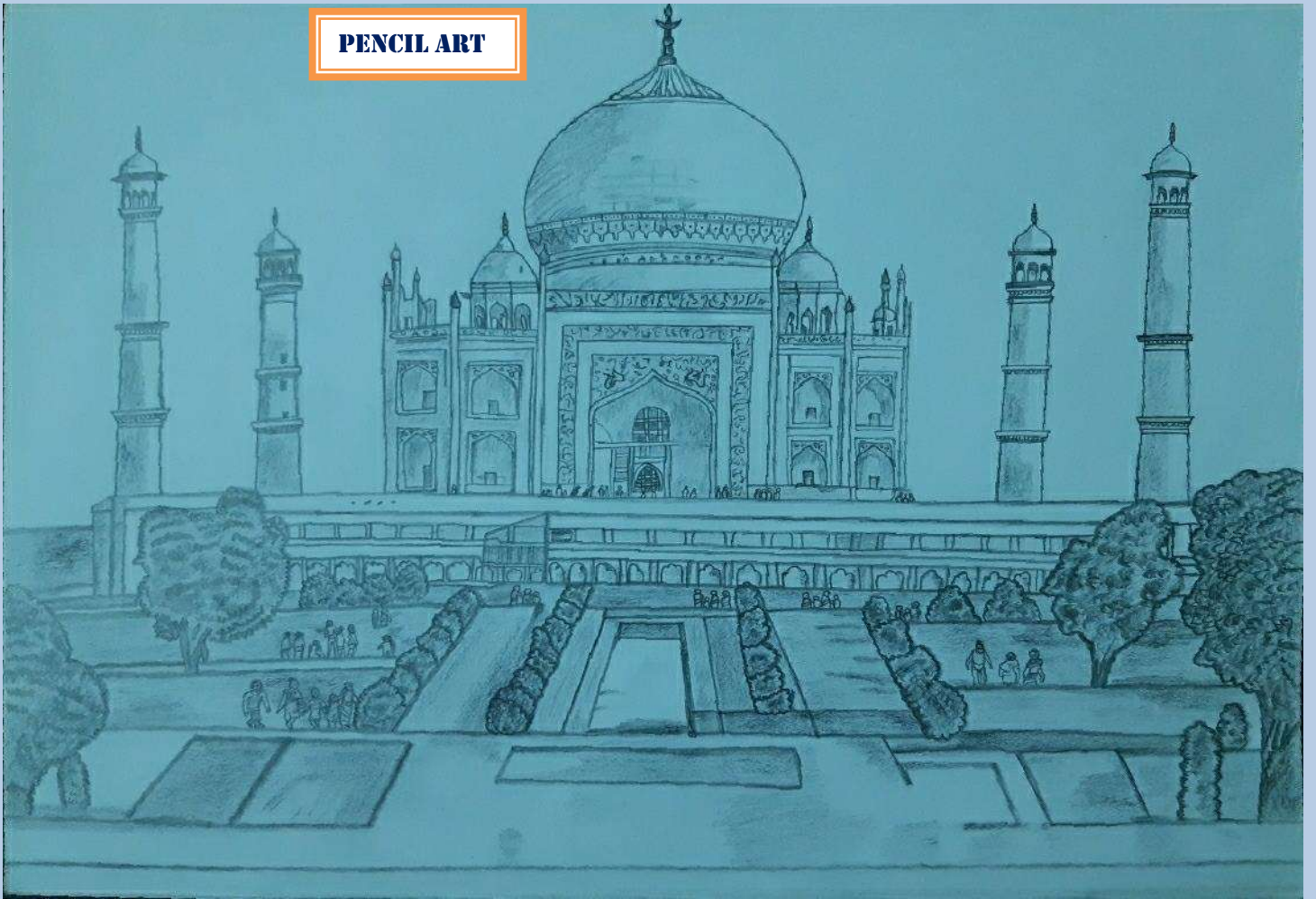
*"Don't take rest
after your first victory because
if you fail in second, more lips
are waiting to say that
your first victory was just luck."*



YUVARAJKUMAR M
1916047
1st year civil



PENCIL ART



M. SELVAMEENA (1916019)

Ist YEAR - CIVIL



J. ANURAGA (1913001)

Ist YEAR - EEE



I. KANTHIMATHI (1912013)

Ist YEAR - CSE-A

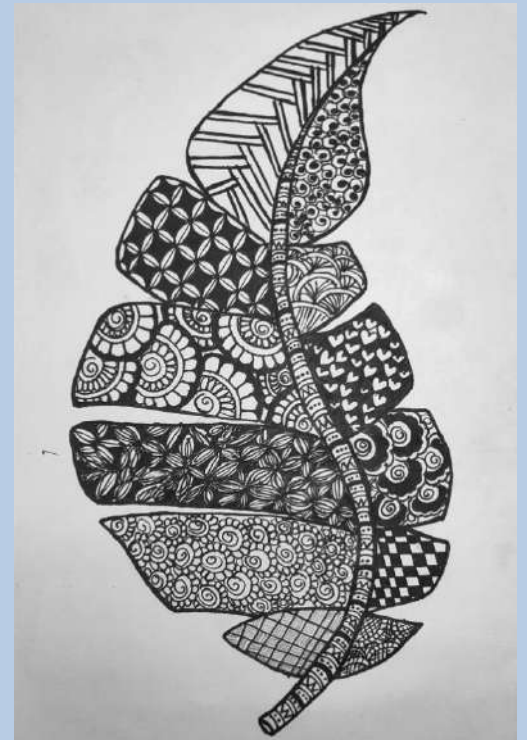


S. AKSHAYA (1912048)

Ist YEAR - CSE



J. JEY SHREE LAKSHMI (1913032)
1st YEAR - EEE



R. SIVANI SREE (1912047)
1st YEAR - CSE

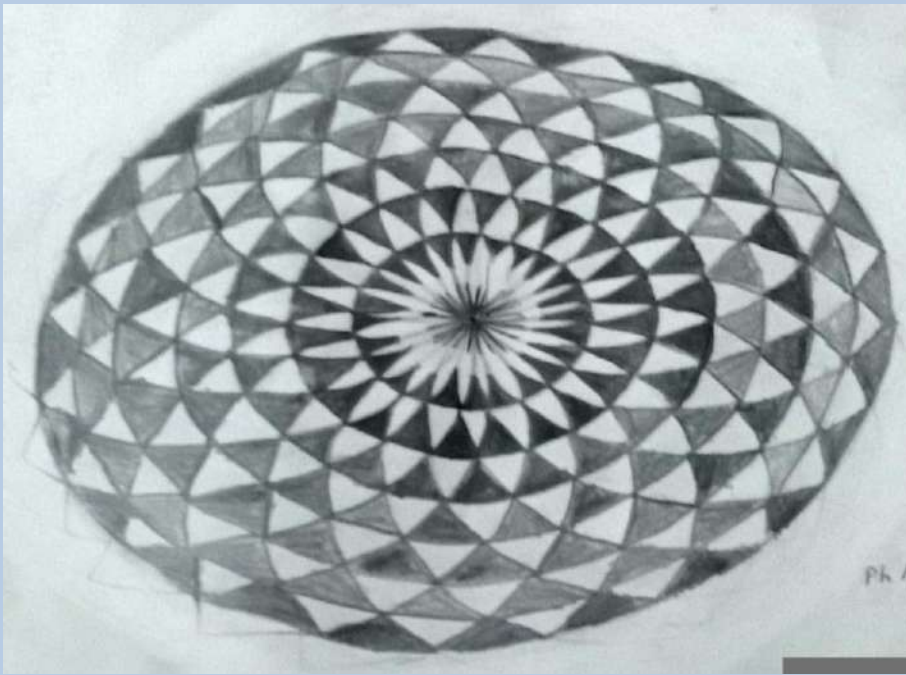


A. MOHANA INDHU PRIYA (1913035)
1st YEAR - EEE



M. VISHALI (1916008)

1st YEAR - CIVIL



G. KAVIYA (1911077)

Ist YEAR - ECE



R. MUTHU RAJESH (1910084)

Ist YEAR - MECH



AFSHANAH WAZEER (1916048)
Ist YEAR - CIVIL



S. RAMESH KANNAN (1910043)
Ist YEAR - MECH



When my dad didn't
hold my hand, he held
my back..



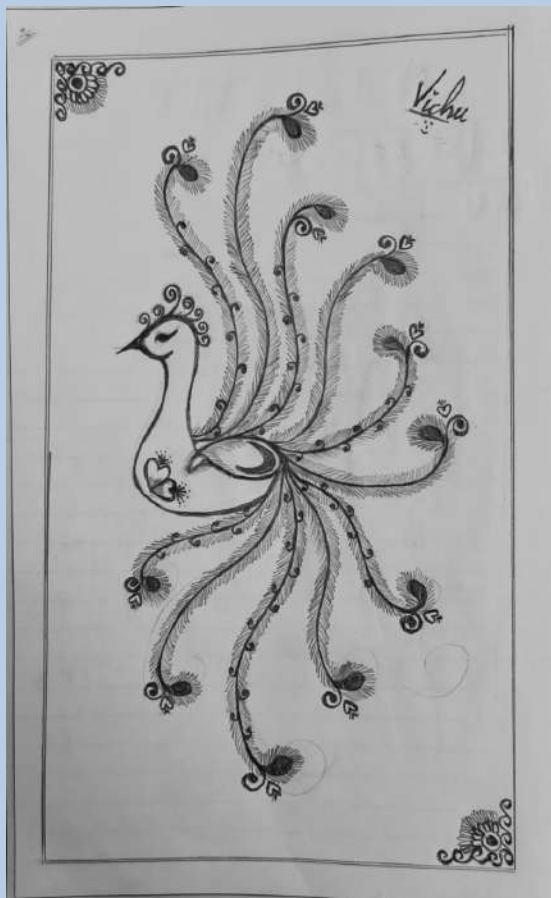
P. SELVA MURUGAN (1911101)
1st YEAR - ECE



R. BAGAWATHI (1913003)
1st YEAR - EEE



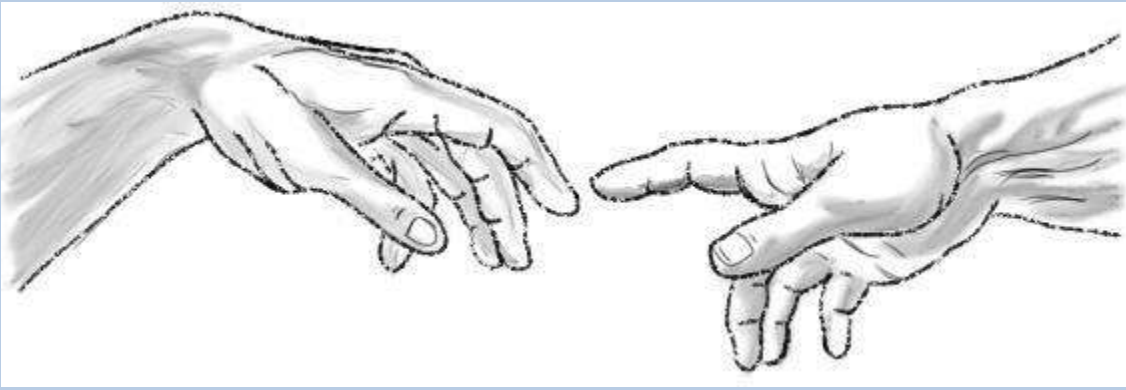
R. AARTHY (1915001)
1st YEAR - IT



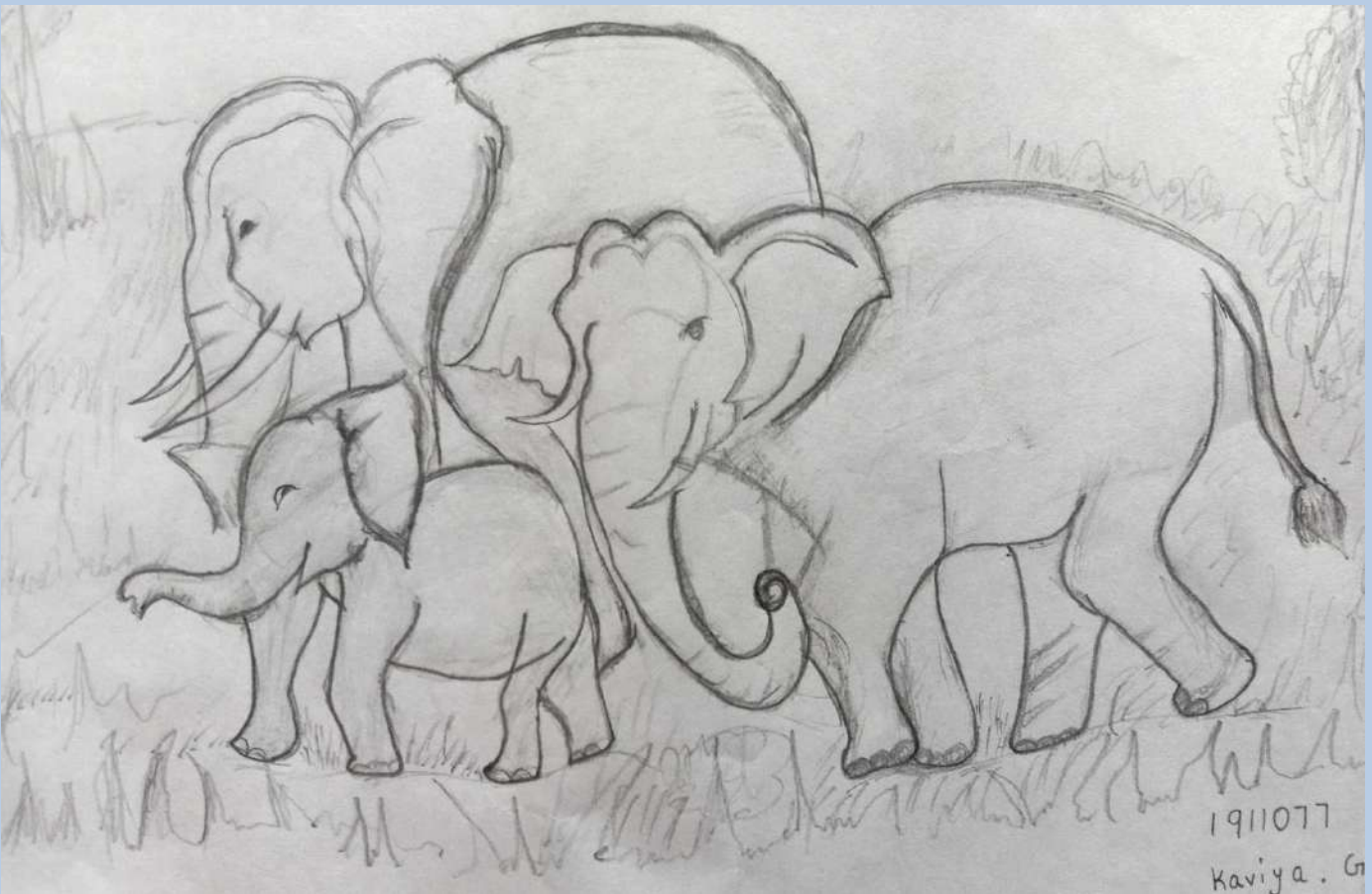
M. VISHALI (1916008)
Ist YEAR - CIVIL



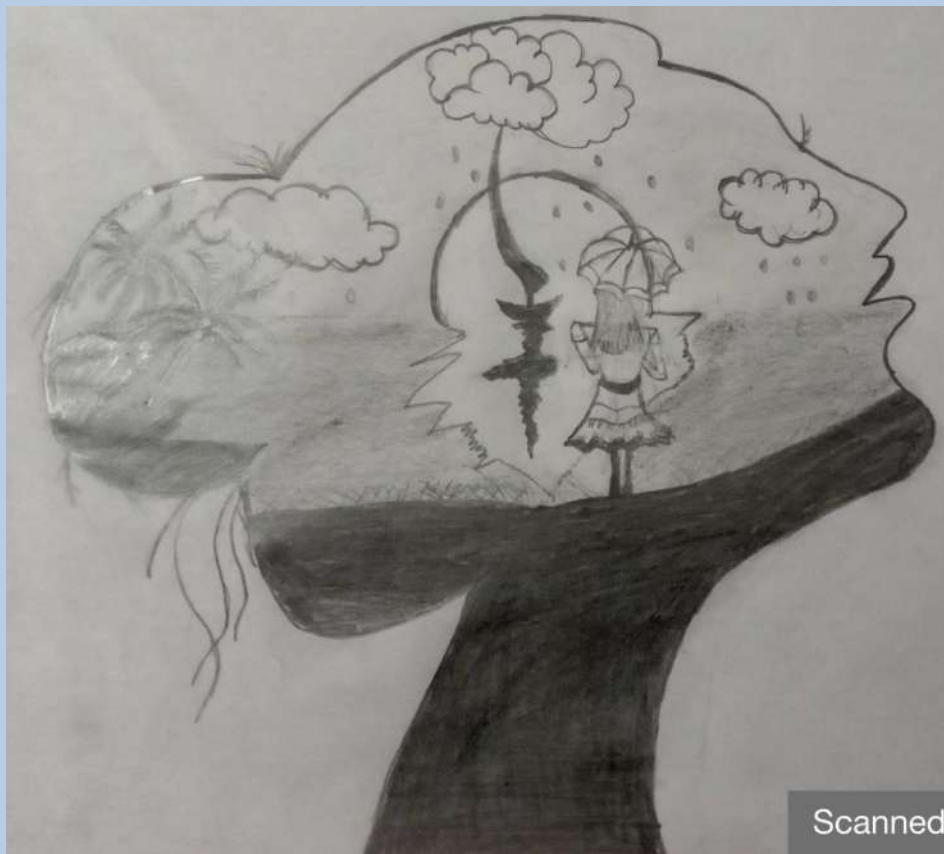
R. BAGAWATHI (1913003)
Ist YEAR - EEE



G. NITHYA (1912018)
Ist YEAR - CSE



G. KAVIYA (1911077)
Ist YEAR - ECE



Scanned

G. KAVIYA (1911077)
Ist YEAR - ECE



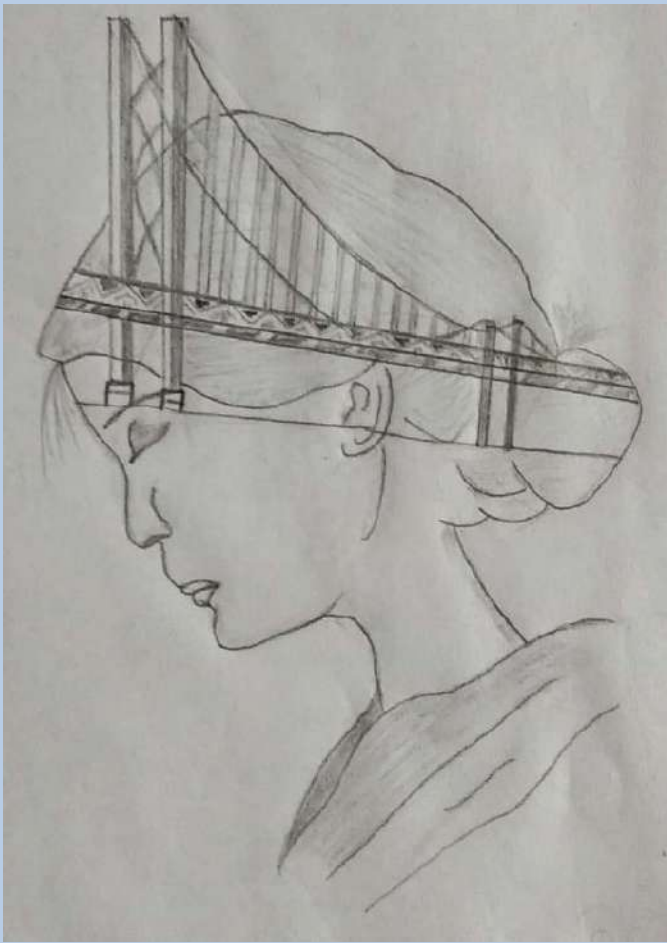
M. RAJALAKSHMI (1913040)
Ist YEAR - EEE



N. NITHU ANISHKA (1913037)
Ist YEAR - EEE



M. NARAYANAN (1910087)
Ist YEAR - MECH



S. SRI LAKSHMI PRIYA (1911105)
Ist YEAR - ECE



M. KAVIGURU (1911076)
Ist YEAR - ECE



M. SUBASHINI (1911046)
1st YEAR – ECE

Scientific Fact

BIOREMEDIATION

- Bioremediation is the use of microorganism metabolism to remove pollutants. Toxic waste found in soil, water, air etc.
- It is the phenomenon of biological transformation of organic compound by living microorganisms.
- It involves conversion of complex organic molecule to simpler ones.
- Other name – Biotreatment, Bio restoration.



In **situ bioremediation** is the application of a biological treatment to clean up hazardous compounds present in the environment. The optimization and control of microbial transformations of organic contaminants requires the integration of many scientific and engineering disciplines.



Friendly bacteria in SpillAway products eat oil and hydrocarbon waste



The microbes digest and metabolise this waste, turning it into water and harmless gases



Finally the microbes release the water and gases back into nature

P. Sheba Battista (1916039)

I Year CIVIL

Best Things every Web Developer should know:

2020 is the year of both development and crisis. And everyone in this world knows that the future is mainly based upon AI. But there is something which is pretty much equal to that of AI and that is web developing. Our needs have its own solution in the network and people search for their questions in the network search engines daily. Now in this article we will take a quick glimpse on the best things in web development in this year 2020.

The first and the most important thing in web development now is the introduction of AI bots in the websites. AI bots are developed using Tensor flow and all other machine learning things in order to deal up with the customer support. The most important feature of the AI bots is their ability to deal with customers 24/7, more human based experience and their deep analysis ability.

Voice Recognition

Think about the future. Future seems to be more dependent on voice recognition. People already depend on multifunctional home assistants like Siri and Google assistant. In 2020, more than half of all the smart and IoT devices will hear users and execute commands given by voice and moreover they are able to recognize most of the different people and provide best experience when comes to voice search.

Automation

Why we have to work so hard when you can simply automate the works and let the system do that for you. Web automation is one of the most popular things emerging now. With 10 to 20 lines of code (python, java) you can easily automate a website's behaviour and such things. Why latest web development technology such as test automation is so important in 2020? The answer is digital environment becomes more and more competitive. If you are faster than your competitors and the quality of your product is better will win.

Rahul Ashwin (1912092)
I Year CSE

RAMANUJAM's MAGIC SQUARE

22	12	18	87
88	17	9	25
10	24	89	16
19	86	23	11

The above square is formed by great mathematician **SRINIVASA RAMANUJAM**

The speciality of this square:

- 1.Sum of the numbers in each row is 139
- 2.Sum of the numbers in each column is 139
- 3.Sum of the numbers of each diagonal is 139
- 4.Sum of the numbers in corner is 139
- 5.Sum of the central square is 139
- 6.Sum of the exterior square is 139
- 7.Sum of the identical alternates is 139
- 8.Sum of the intersecting four squares is 139

Surprisingly, RAMANUJAM's birthday is 22nd December 1887(which is first row of this table)

*A. Karthika, (1911073)
I Year ECE.*

“Our greatest fear should not be of failure ...
but of succeeding at things in life that don't
really matter.”
– *Francis Chan*

Graphene:

Fact#1: Graphene is super strong material even stronger than diamond and two hundred times stronger than steel.

Fact#2: Graphene is a thin layer of graphite; it is featured by its softy, flaky material which is used in a pencil lead.

Black holes:

Fact#1: Over 1000 million suns could be fitted inside a super massive black hole.

Language:

Fact#1: The world's most spoken language is Spanish and it's not English.

Fun:

Fact#1: The world's quietest room is -9 decibels, quiet enough to hear your blood flow.

Animal:

Fact#1: The Quokka is the happiest animal on earth living in Australian continent.

Fact#2: Baby owls sleep face down because their heads are too heavy.

Earth:

Fact#1: We are exploring space more than our earth as there are over many places in our world still undiscovered and remain hidden to real world.

Fact#2: one of the rarest things in nature, the mammatus clouds.

Life facts:

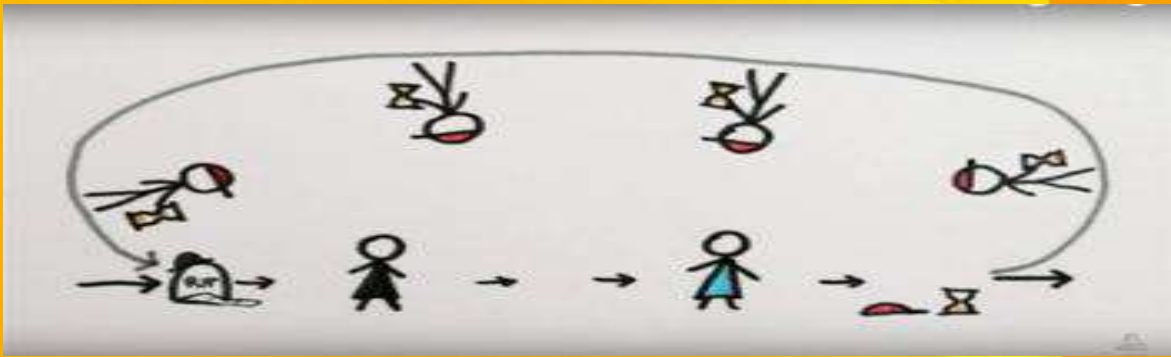
Fact#1: 97% of the people who quit too soon is employed by the 3% who never gave up.

Aurora diamante fountain pen, world most expensive pen worth \$1,470,600

VigneshShankar .K
I Year CSE

THE GRANDFATHER PARADOX

The **GRANDFATHER PARADOX** is a paradox of **TIME TRAVEL** in which inconsistencies emerge through changing the past. The name comes from the paradox's common description: a person travels to the past and kills his or her own grandfather before the conception of his or her father or mother, which prevents the time traveller's existence. Despite its title, the grandfather paradox does not exclusively regard the contradiction of killing one's own grandfather to prevent one's birth. Rather, the paradox regards any action that alters the past, since there is a contradiction whenever the past becomes different from the way.



The grandfather paradox is a potential logical problem that would arise if a person was to travel to a past time. The name comes from the idea that if a person travels to a time before their grandfather had children, and kills him, it would make their own birth impossible. So, if time travel is possible, it somehow must avoid such a contradiction.

The logical inconsistency of time travel is a common theme in time-warping fiction, but it's also of interest to philosophers. In early versions of the grandfather paradox, some tried to argue that time travel was impossible on logical grounds, said Tim Maudlin, a philosopher at New York University, who frequently writes about Physics and Philosophy. "In a way, that's like asking why, right now, I can't be wet and completely dry," he said. "Well, that's just logically impossible. What are you asking about?"

GOWTHAM. C (1915021)

I Year IT

NOKIA 9000 COMMUNICATOR

The first mobile phone with internet connectivity was the Nokia 9000 Communicator. GSM standard data connections from the beginning for the first 10 or so years they were based on data calls so we were charged for the whole time when the connection was open. In 2000, the package based GPRS was added to GSM. This allowed charging on basis of data amount and not based on the connection time.



In 1996, Nokia released its first communicator which was one of the first smart phones. It was introduced into the market on 15 August 1996. The phone was large and heavy at 397 grams but powerful at the time. It is powered by an Intel 24MHz i386 CPU and has 8MB of memory, which is divided between applications (4MB), program memory (2MB) and user data (2MB).

Closed it could be operated as line normal phone. Opened it was like a tiny laptop. In late 90's and early 2000s there was much hype of WAP which was to bring internet to phones. In reality it was nothing like internet. It was launched in Finland back in 1996, but in truth the viability of accessing the internet was at first limited by very high prices by the operators. In 1999, NTT DoCoMo launched I-Mode in Japan, which is considered the birth of mobile phone internet services.

AWARDS:

The Nokia 9000 Communicator received several award including GSM World Award (for innovation) at GSM World conference 1997.

Best technological Advance by Mobile News UK

Best New Product 1997 by Business Week magazine.

P. VIDHYA (1911111)

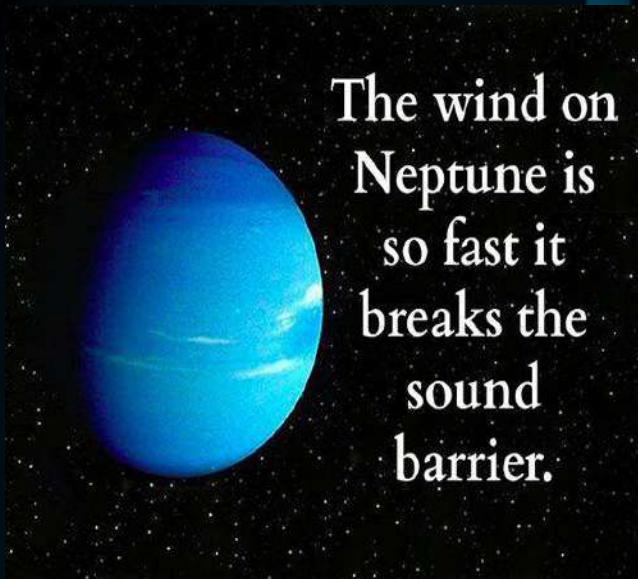
I Year ECE

SCIENCE FACTS

- About 400 million years ago before trees were common; the earth was covered with giant mushrooms.
- The deep sea is 103 million square miles in area, which is larger than all the land in earth.
- If chickens don't have enough calcium in their diet to make eggs, that dissolve their own bones to get the nutrients they need.
- Your fingernails grow faster in the summer than they do during any other season.
- Sleeping without a pillow reduces back pain and keeps your spine stronger.
- When a person dies, they have a brain activity of 7 minutes left in which they are able to see their memories in a dream like a sequence.
- Sharks are the only animals that never get sick, they are even immune to every known diseases including cancer.
- Seahorses are very unusual, because the males get pregnant and give birth to the babies.
- Cracking your knuckles does not break your bones; the sound you hear is just a gas bubble bursting.
- The blue whales' tongue is about the size and weight of the fully grown African elephant.
- Giving birth is the second most painful thing a human can experience, the first is being burnt alive.
- The only part of the body that has no blood supply is the cornea of the eyes; it receives oxygen directly from the air.
- Your ears never stop hearing, even when you sleep. Your brain just ignores incoming sounds.
- An octopus has three hearts and the colour of its blood is blue.

Thatchaini S (1915026)

I Year IT



The wind on
Neptune is
so fast it
breaks the
sound
barrier.



- The Eiffel Tower can be 15 cm taller during the summer.
- Some metals are so reactive that they explode on contact with water.
- Precious metals on earth, such as gold and platinum, may have originated from the stars.
- In 2.3 billion years it will be too hot for life to exist on Earth.
- The world's most densely populated island is the size of two soccer fields.
- The Earth's ozone layer will make a full recovery in 50 years.
- There are more than 24 time zones around the world.

Sivaganesh (1910022)
1 Year MECH

“Start where you are. Use what you have. Do what you can.”
-Arthur Ashe

5G WIRELESS TECHNOLOGY

5th generation mobile networks or 5th generation wireless systems denotes the next phase of mobile telecommunications standard beyond the 4G networks. It has complete wireless communication with almost no limitations. The 5G network was 1st launched at south Korea. The evolution of mobile generation is such as 1G,2G,3G,4G,5G. 1G was developed in 1980's and completed in early 1990's. It was based on analog system. Its speed Upto2.4kbps. AMPS was launched by US and it was the 1G mobile system. 2G was developed in late 1980 and completed in late 1990. It was based on digital system. Its speed upto 6.4kbps. It has semi global facility. 3G was developed between late 1990 and completed in 2000's. It has superior voice quality, good clarity in video conference, its transmission speed between 125kbps to 2Mbps . It has global roaming facility. 4G was developed between 2010 and present until today. It was faster and more reliable. Its speed upto 100Mbps.

It has high performance, easy roaming, and low cost. Then 5G is the next major phase of mobile telecommunications and wireless systems. Expected speed is upto 1Gbps. It is more faster and reliable than 4G, low cost than previous generations. 5G is entirely IP based model designed for the wireless and mobile network. The system comprising of main user terminal and then a number of independent and autonomous radio access technologies. Each of the radio technologies is considered as the IP link for the outside internet world. The 5G hardware architecture uses Ultra Wide Band network with higher bandwidth even at low energy levels. Bandwidth is of 400 times faster than today's wireless network. It uses CDMA with smart antennas. The 5G software will be single unified standard of different wireless networks including LAN technology, LAN/WAN,WWW (Wireless World Wide Web),unified IP and seamless combination of broadband. This software is designed with radio, encryption, flexibility and antivirus. Its features are it is with very high speed, high capacity, and low cost per bite. It offers the high quality service due to the high error tolerance.

Uploading and downloading speed of 5G is very speed. The disadvantages are the developing infrastructure needs high cost, security and privacy issues yet to be solved, it is an expensive deal to launch. Advantages are data bandwidth of 1Giga bite per second and higher, available at low cost, dynamic information access. Applications are wearable devices with AI capabilities, pervasive network, media independent handover, radio resource management, and with 6th sense technology. Concluding by saying 3G – operator centric, 4G – service centric, 5G – user centric. The 5G wireless concept designed as an open platform on different layers. The new coming 5G technology will be available at the market at affordable rate, high peak future and much reliability than proceeding technology.

INDIAN ECONOMIC DEVELOPMENT WITH TECHNOLOGY

How we can conclude which country is developed or not developed?...first thing is economic level of a country, then the country is technically developed or not... from these two things we can conclude that which country is developed or not. Today's world is a ***“DIGITAL WORLD”***, so a country which is technologically developed will be economically developed, next thing is that country using their own products and their exportation is more than imports. The ***“FUTURISTIC WORLD”*** mostly depends upon the technology.

INTRODUCTION:

Now India is a developing country in the world, and we are using many technological things...But really we are using mostly ***“IMPORTED TECHNOLOGIES”***. These things affect our Indian economic. This topic is about how to make our country a developed nation.

How can we develop our technology? How can we develop our own products? How to export more things? All these questions have answer in this essay.

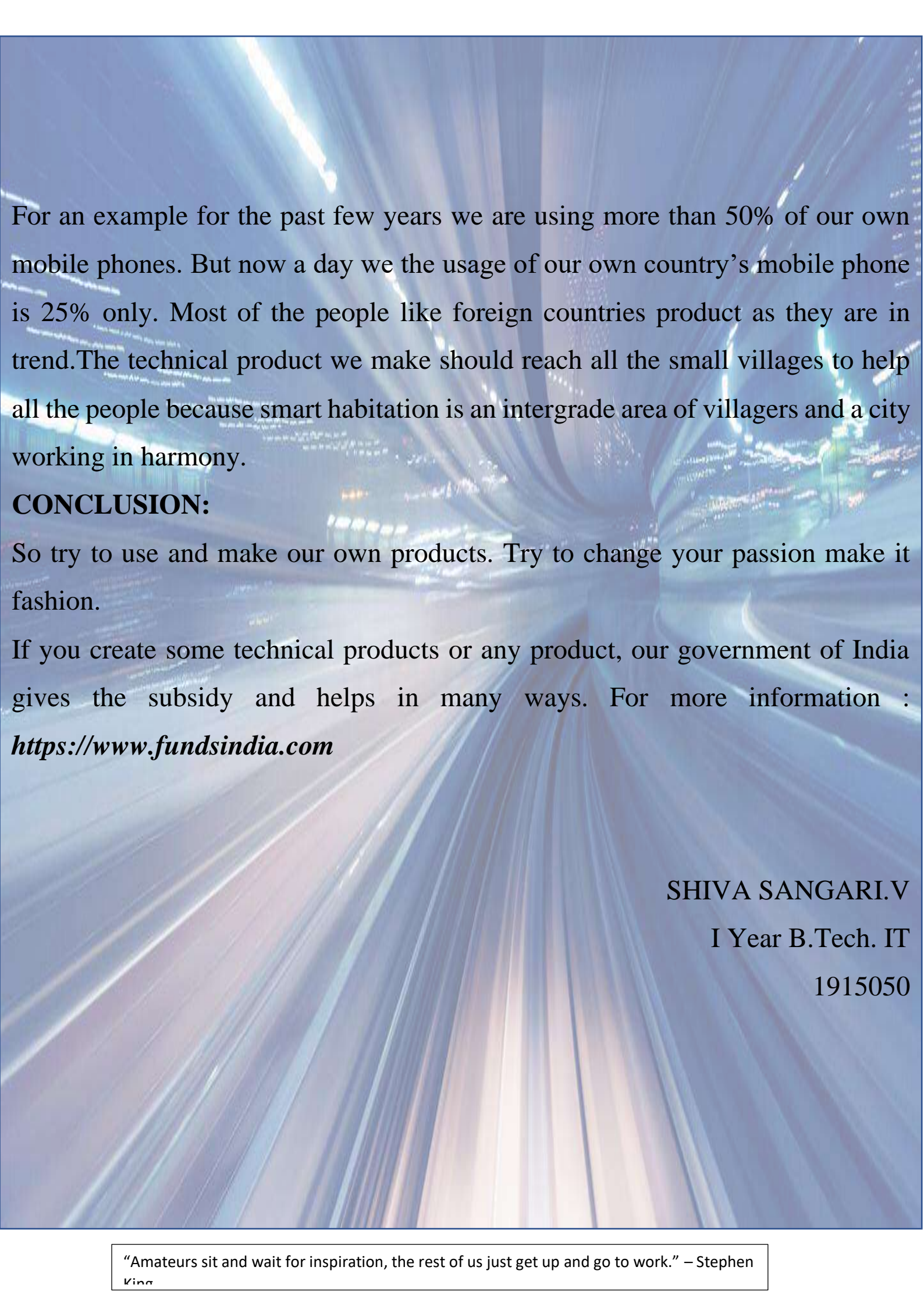
For example: first we used to communicate with long by writing a letter. After some days, we started to use phones. In the 1970s, would you believe it if someone told “you can talk to man in the distance or another country”, they would think him stupid. But now it is undeniable truth with the usage of mobile phones. First reason is that, mobile phones are invented to communicate from one place to another place. The days passed by we are using mobile for many things, we can say the world is in your hand.

INDIA'S STATUS:

First we should know about India's status after that think what kind of technology we want for our development. We have to analyze what is the problem going on and how to solve them technically. We can find things which we import and think how we can create own strategies to develop our own products. It also helps in developing our technical thinking. If you have no ideas just search about the failure project and how to you make it successful because successful project give only information but failure project make us to increase our own ideas. People know about the current status of our country and what problem we are facing.

Then just think about how many our own products we are using by you? It's very less when compared to another country's product. When we are start to make and use our own product at that time our technical things will be highly developed. Because only when we use our own products we come to know what changes we can make to improve it better. So please use our own products. It's will surely increase our economic level and technical things. I didn't say don't buy other country's product just I am saying we can use our own product to the maximum level. When the demand for our products increase at that time our economic level will also increase.

Currently our government India has banned 59 applications of China. Mainly Tiktok, because 120 million peoples are using it and the earning of China is Rs.100 crore. Suppose if we use our own application, India's profit will be Rs.100 crore. But even it depends again on popular social media like Instagram, the sad news is that even Instagram is not our own application.



For an example for the past few years we are using more than 50% of our own mobile phones. But now a day we the usage of our own country's mobile phone is 25% only. Most of the people like foreign countries product as they are in trend. The technical product we make should reach all the small villages to help all the people because smart habitation is an intergrade area of villagers and a city working in harmony.

CONCLUSION:

So try to use and make our own products. Try to change your passion make it fashion.

If you create some technical products or any product, our government of India gives the subsidy and helps in many ways. For more information :

<https://www.fundsindia.com>

SHIVA SANGARI.V

I Year B.Tech. IT

1915050

RECENT TECHNOLOGY-BLUE BRAIN PROJECT

Human brain, the most valuable creation of God. The man is called intelligent because of the Brain ,But we loss the knowledge of a brain when the body is destroyed after the death

.

- What is blue brain...?

It is the name of the world's first virtual brain. That means a machine that can function as human brain. The IBM is now developing a virtual brain known as the BLUE BRAIN.

It would be the worlds first virtual brain. Within 30 years, we will be able to scan ourselves.

- Why blue brain...?

➔ Today we are developed because of our intelligence. Intelligence is the inborn quality that cannot be created.

➔ After the death of a person, virtual brain will act as a person so we will not lose the knowledge, intelligence, personalities, feelings and memories of that man that can be used for the development of the human society.

➔ Certain super brains like that of Steve Jobs, or Stephen Hawkings could be interfaced with computer to develop super computers

FEATURES	NATURAL BRAIN	BLUE BRAIN
Input	Through the natural neurons.	Through the silicon chip or artificial neurons.
Interpretation	By different states of the neurons in the brain.	By a set of bits in the set of register.
Processing	Through arithmetic and logical calculations.	Through arithmetic and logical calculation and artificial intelligenc
Memory	Through permanent states of neurons.	Through Secondary memory.
Output	Through the natural neurons.	Through the silicon chip.

Uploading human brain...?

- ➔ The uploading is possible by the use of small robots known as the NANOBOTS.
- ➔ These robots are small enough to travel throughout our circulatory system.
- ➔ Will monitor activity of brain by travelling into the spine and brain
- ➔ They will provide an interface with computer .
- Power of blue brain..?
- ➔ Blue Brain will reveal many existing aspects of the brain circuits ,memory capacity , and how memories are lost.
- ➔ The modeling is also able to work out best way to compensate and repair error circuits .The blue brain model can be used to detect and test treatment strategies for neurological diseases.
- Application...?
- ➔ Gathering and Testing 100 Years of Data and Cracking the Neural Code
- ➔ A Foundation for Molecular Modeling of Brain Function
- ➔ Understanding Neocortical Information Processing

Very soon this technology will be highly accepted whole over the world but wisdom lies in right use. *“Technology does not create Brain but Brain creates Technology”* We will be able to transfer ourselves into computers at some point & this is just the beginning of technology development.

SUGA PRIYA K

I Year IT

LiFi TECHNOLOGY

Introduction

WiFi runs our life. We all have probably experienced internet connectivity problems at one point. Instead of WiFi, thus LiFi enters. It is a type of **wireless communication** and as well as it can be up to **100 times faster** than WiFi. Let us all imagine a world where we can connect to high-speed internet by just flicking on your light switch. Yes, we can by using this LiFi. It is a wireless optical networking technology that uses LED's for data transmission. We can say it as simple. LiFi is considered to be as a light based WiFi which uses light instead of radio waves to transmit information. Sending data through a LED light bulb that varies in intensity faster than human eye follows. Using light to transmit data, LiFi has couple of advantages.

History of Lifi

Professor Harald Hass, chair of mobile communication at the **University of Edinburgh** is considered to be the founder of LiFi technology. He coined the term LiFi – Light Fidelity. When he promoted this technology in 2011 at “**TED Global Talk**” it helped to start a company and market it. The company Haas co-founded is called **Purelifi**, formerly PureVLC is an equipment manufacturer.

Implementation of Lifi

Operational procedure is very simple, if the LED is On, you transmit a digit 1, if its OFF transmit a digit 0. Every light source works as a hub for data transmission. Apple may be testing the new technology for its future **iphones**, reported by **AppleInsider**.

How it works?

The data can travel to and from receivers. Then, the receivers collect information and interpret the transmitted data. This is similar to decoding **Morse Code** but in a much faster rate – **million times** a second. Data is captured in modulated light frequencies of a LED light source and the transmitted and received by Lifi. A photosensitive detector demodulates the light frequency signal and converts it back into an electronic stream.

Lifi application

There are lot of application in lifi i.e., schools, Live streaming, retail, hospitals, workplace etc. A simple example for lifi application. How lifi technology is used in hospitals. Lifi technology will allow a light communication network, which will remove electromagnetic inference issue from smartphones and the use of Wifi in hospitals. It can also be used for real time monitoring and report of patient movement and vital signs without the need of wires.

A proven technology

Harald demonstrated Lifi using an ordinary table lamp and a computer located below the lamp. He successfully transmitted data at speed exceeding **10Mbps** using light waves from LED light lamps. Also, he periodically blocked the beam of light, causing the connection to drop.

Limitations

Internet cannot be used without a light source. This could limit the locations and situations in which Lifi could be used. High installation cost of the **VLC** system because a whole new infrastructure for Lifi would need to be constructed. A major challenge facing Lifi is how the receiving device will transmit back to transmitter.

Future of Lifi

Right now, Lifi cannot fully replace Wifi as a connectivity source, However there are several Lifi companies that are working hard on developing Lifi products and marketing Lifi as the primary wireless technology. The demand for fast internet access is increasing everyday and Lifi could be the technology to meet this demand. Lifi is considered to be future of the internet. That future is looking bright and we are all looking forward to it.

Conclusion

Thus it can be put into practical use, every bulb can be used as an alternative to Wifi hotspots. It provides **simple, faster and efficient** wireless data communication . It will make us to proceed towards the cleaner, greener, safer and brighter future.

By,

SUJI S

I Year-B.E –CSE

1912030

CLOUD COMPUTING

“Cloud Computing is the Third Wave of Digital Revolution.” ~ Lowell McAdam

In this article, we can know about the *Basics of Cloud Computing*. Cloud refers to the Servers, which can access over internet, software and database that run on those Servers. Cloud Servers are located in Data centers all over the World, Ex. Google Cloud, is a personal cloud storage service from Google. In this article you have to know about Why cloud Computing? What is Cloud Computing? What are Cloud Models? Who are Cloud Providers?

Before Cloud Computing, how they manipulate the strategies to host a website? They had to buy Stack of servers, monitoring the peak traffic and maintaining the servers. The setup is built without Cloud Computing had some *disadvantages*. Setup was very expensive. Maintaining and monitoring troubleshooting problem could be tedious. Since the traffic is varying, your sever will be idle most of the time. These led the raise of Cloud Computing.

After Cloud Computing, no more buying expensive servers, just upload your data on Cloud. Scalability factor to auto scale your servers based on traffic up & down. Then the management and maintenance of your server could be done by your Cloud Provider. These are strategies manipulate after Cloud Computing.

“Cloud Computing is use of remote servers on the internet to store, manage and process data rather than a local server or your personal computer”. It was further divided into two models: *Service models* means a kind of service offers and *Deployment models* means deploy / upload your data on the cloud.

Service Cloud are of three types : *IaaS*, *PaaS* and *SaaS*. In Infrastructure as a Service IaaS, you have the IP address and password for a server from the Cloud Providers, you can do anything with that by managing O/S, data, applications, etc. In Platform as a Service PaaS, access over User interface will be given to you. You can automatically deploy your data by uploading your files by managing your data & applications. In Software as a Service SaaS, you will be provide with a Software. You can rent it, pay for it, when you done with it, then just terminate it. You no need to manage anything, because it was the responsibility of the Cloud Provider.

Deployment Cloud are of three types : *Public*, *Hybrid* and *Private* clouds. If your server can be shared with lots of customers then it could be Public Cloud, because on one server you might have hundreds of Operating Systems which are virtualized. If you look for a stand alone system that could be a *Private Cloud*, because private server will be given to you and deployed only your operating System and you can be safe with your data. The mixture of both Public & Private cloud is *Hybrid Cloud*. You're using public cloud and private cloud cloud both then you term it as Hybrid Cloud.

Cloud Provider is a company that delivers cloud computing based services and solutions to business and individuals. There are hundreds of Cloud Providers there. Among those AWS & Microsoft Azure are the top two cloud providers in industry.

W. Pradeep Rajadurai, I Year IT

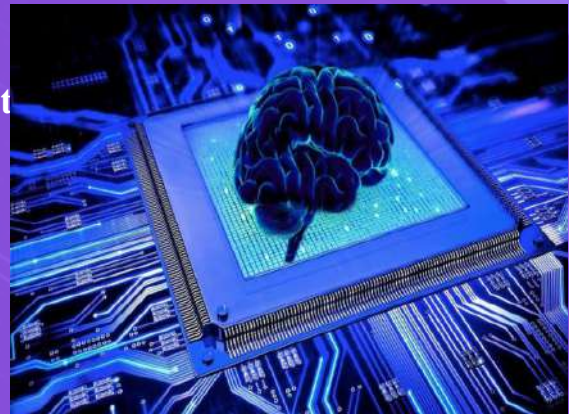
VIRTUAL BRAIN TECHNOLOGY

We all know that human brain is more complex than any circuitry in the world. The human brain is a multilevel system with 100 billion neurons and 100 trillion synapses. The neurons are designed to transmit information to other nerve cells, muscles and gland cells whereas synapses help neurons to communicate with each other. Is it really possible to create a human brain??

The answer is YES. Today it is possible because of advancement in technology. The world of technology has expanded in areas like humanoid robots, computing virtual reality, wearable devices, artificial intelligence, digital jewellery, blue eyes technology, brain gate technology and so much more at a rapid rate.

The BLUE BRAIN Technology is known as the first virtual brain in the world. Today the scientist are in research to create an virtual brain that can function as a human brain after the death. The Blue Brain Project makes use of the 'Blue Gene' Supercomputer developed by IBM to carry out simulations. Hence this technology is named as the Blue Brain. This was founded by Henry Markram at the Ecole Polytechnique Federal de Lausanne in Lausanne, Switzerland way back in May 2005.

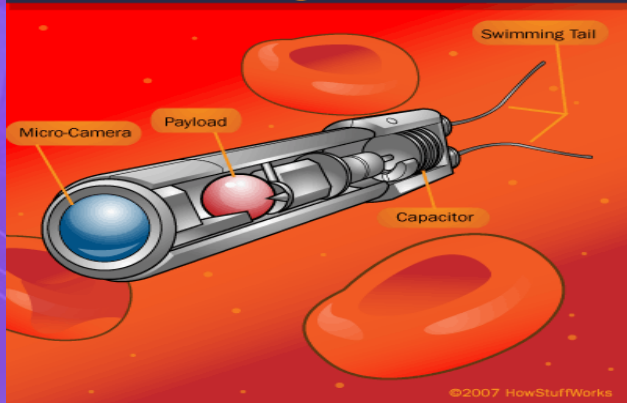
Today we are developed because of our intelligence. Intelligence includes logical thinking, emotional, understanding, self-awareness, learning, creativity and problem solving. Intelligence is the inborn quality that cannot be created. Some people have this quality to an extent. But the intelligence is lost the person after the death. Human society needs such intelligence, so that the virtual brain is created as a solution to it.



A Virtual brain is an artificial brain. It can think, respond, tendency to take decisions and to keep everything in memory. It is possible by using supercomputers, with a huge amount of storage capacity, processing power and an interface between human brain and this artificial brain. Through this interface the data stored in the human brain can be uploaded into the computer. So the knowledge and intelligence of anyone can be preserved and used forever, even after the death.

“Striving for success without hard work is like trying to harvest where you haven't planted.”
– David Bly

How Blood Swimming Robots Work



We all might think that whether it is possible to upload the stored data from human brain into computer?? If possible, how it will be?? Yes, it is possible by using the small robots called Nanobots whose components are at or near the scale of nanometre. By travelling into the spine and brain, Nanobots will be able to monitor the activity and structure of our central nervous system.

They will be able to provide an interface with computers and to scan the structure of our brain, providing a complete readout of the connections. This information, when entered into a computer, could then continue to function as us. Thus the data stored in the entire brain will be uploaded into the computer. Blue brain will reveal many existing aspects of the brain circuits, memory capacity, and how memories are lost. The blue brain model can be used to detect and test treatment strategies for neurological disease.

The blue brain act as a super computer. Things could be remember without any effort using this virtual brain. The knowledge, intelligence, personalities of a person will not loss even after a death. Its provides an ability to take decision without the presence of a person. It is very useful for deaf and also allows them to here via direct nerve simulation. The activity of the different animals can be understood through electric impulses from their brains.

Applications that includes:

- Gathering and testing 100years of data.
- A Novel tool for Drug Discovery for brain disorder.
- A Global facility.
- Understanding Neocortical Information Processing.

A full human brain simulation (100 billion neurons) is planned to be completed by 2023 if everything goes well. The blue brain project is implemented successfully would change many thing around us and boost the area of research and technology. By this technology, within 30 years we will be able to transfer ourselves into computer at some point. Very soon this technology will be accepted whole over the world.

MUTHU SUBATHRA L

I year ECE

“The difference between a successful person and others is not a lack of strength, not a lack of knowledge, but rather a lack of will.”
– **Vince Lombardi**

quotes for life

- Anger is like drinking poison and expecting others to die.
- Never wait for a perfect moment; just take a moment and make it perfect.
- The value of anything is known only before getting and after losing it.
- Sometimes you have to play the role of a fool to fool the fool who thinks they are fooling you.
- Always end the day with a positive thought; no matter how hard things were, tomorrow is a fresh opportunity to make it better.
- There is a small difference between ego and attitude; EGO makes you ALONE from others while ATTITUDE makes you DIFFERENT from others.
- Life is not about waiting for the storm to pass it's learning to dance in the rain.
- Always have a unique character like SALT .It's presence is not felt but its absence makes everything tasteless.
- Life is like piano, the white keys represent happiness and the black represents sorrow. But remember only when both keys are played you will get a music.
- Never stop doing your best just because someone doesn't give you credit.
- When you feel like stopping think about why you started.



M.Eshadevi
I year, civil
(1916003)

Stimulating Quotes

- **Dreams don't shine, it's you shine while chasing your dreams.**
- **Don't be a star in the sky, be a candle in the dark.**
- **You can do anything and suddenly you will be everything that you dreamt, only when you came out from comfort zone.**
- **Grades doesn't matter where attitude does.**
- **Don't work hard to achieve credit, instead work hard to achieve your goals.**
- **Don't be a follower of other's path; be a follower of your Own, then you will be irreplaceable.**
- **Work hard until the lamp light of your study table becomes the spot light.**
- **Don't compare yourself to others because you are the best in your own way.**

**IDA HOPE P
I Year ECE
1911066**

Sprited Quotes

- ❑ **Growth is painful, change is painful but nothing is painful as staying stuck somewhere you do not belong.**
- ❑ **Under the sky, under the heaven, there is one family.**
- ❑ **One single cause of failure is lack of concentration.**
- ❑ **Honesty is a very expensive gift. Don't expect it from cheap people.**
- ❑ **Don't blame people for disappointing you, blame yourself for expecting too much from them.**
- ❑ **If you are patient in one moment of anger, you will escape a hundred days of sorrow.**
- ❑ **Trust takes years to build, seconds to break and forever to repair.**
- ❑ **Maturity is not measured by age, it's an attitude built by experience.**
- ❑ **Your attitude is like a price tag, it shows how valuable you are.**
- ❑ **Make today so awesome that yesterday gets jealous.**
- ❑ **It's easy to follow other people's path. Rather make a path and rule over it.**
- ❑ **You can say sorry but you can't change the story.**
- ❑ **Respect is a two-way street, if you want to get it, you've got to give it.**
- ❑ **Life doesn't require that we be the best, only that we try our best.**
- ❑ **No pressure. No diamonds. No struggle. No strength.**

A.S.N.JAANU
I Year EEE
(1913004)

Inspirational Quotes

□ Stop worrying about other people understanding you.
Get in touch with yourself instead.
Focus on what makes you happy, what makes your soul feel at peace.
You are your biggest commitment, so start
loving your flaws, your awkwardness, your weirdness, your intensity,
your vulnerability, your everything.
Life becomes so much more fulfilling when you are just simply yourself.
The world keeps spinning whether people understand you or not,
so why not make this next trip around the sun about you.

□ Imagine your mind like a garden and your thoughts are the seeds.
You get to choose what seeds you plant in it.
You can plant seeds of positivity, love and abundance.
Or you can plant seeds of negativity, fear and lack.
You can also spend time trying to take care of everyone else's garden.
Or you can work on making yours beautiful and
attract other beautiful people to your garden.

□ Let them judge you, misunderstand you & gossip about you.
Their opinions aren't your problem.
You stay kind, free in your authenticity.
No matter what they do or say,
Don't you dare doubt your worth
Or the beauty of your truth.
Just keep on shining like you do.

□ Take a shower. Wash off the day.
Drink a glass of water.
Make the room dark.
Lie down and close your eyes.
Notice the silence, notice your heart.
Still beating, Still fighting.
You made it, after all.
You made it, another day.
You're doing just fine.

□ You have this one life.
Apologizing ?Regretting ?Questioning ?
Hating yourself ? Dieting?
Running after people who don't see you ?
Be brave. Believe in yourself.
Do what feels good. Take risks.
You have this one life. Make yourself proud.

G.VASUKI

I Year EEE

(1913019)

Dazzling Quotes

"A man can live without catching nature air for a life time But he can't live without breathing fresh air for a single time."

"A man can live without a purest and deepest love for a long time But he can't live without drinking a drop of water for a day time."

"A man can live without having many enemies for a long period of time But he can't live without having a unique friend for a short period of time."

"A man can live without going to school and not studying forever in his life time But he can't live without getting guidance from a single teacher in his life time."

Ⓐ LIFE IS "LESS" :

Air is endless

Water is priceless

Friend is doubtless

Teacher is restless

Ⓐ LIFE BECOMES "ABLE" :

Air is indeterminable

Water is indispensable

Friend is incomparable

Teacher is irreplaceable

S. DHARANI

I Year -IT

(1915004)

A photograph of four diverse college students walking towards the camera in a brightly lit hallway. They are all smiling and carrying backpacks. The image is overlaid with a semi-transparent orange filter.

The Dean Schooled Them

One night four college kids stayed out late, partying and having a good time. They paid no mind to the test they had scheduled for the next day and didn't study. In the morning, they hatched a plan to get out of taking their test. They covered themselves with grease and dirt and went to the Dean's office. Once there, they said they had been to a wedding the previous night and on the way back they got a flat tire and had to push the car back to campus.

The Dean listened to their tale of woe and thought. He offered them a retest three days later. They thanked him and accepted his offer at that time.

When the test day arrived, they went to the Dean. The Dean put them all in separate rooms for the test. They were fine with this since they had all studied hard. Then they saw the test. It had 2 questions.

- 1) Your Name _____ (1 Points)
2) Which tire burst? _____ (99 Points)
Options - (a) Front Left (b) Front Right (c) Back Left (d) Back Right

Always be responsible and make wise decisions.

"Learning is not attained by chance, it must be sought for with ardour and diligence."

-Abigail Adams



ANTO ROSARIO S
(1915028)
I YEAR IT

A Very Special Bank Account

Imagine you had a bank account that deposited \$86,400 each morning. The account carries over no balance from day to day, allows you to keep no cash balance, and every evening cancels whatever part of the amount you had failed to use during the day. What would you do? Draw out every dollar each day!

We all have such a bank. Its name is Time. Every morning, it credits you with 86,400 seconds. Every night it writes off, as lost, whatever time you have failed to use wisely. It carries over no balance from day to day. It allows no overdraft so you can't borrow against yourself or use more time than you have. Each day, the account starts fresh. Each night, it destroys an unused time. If you fail to use the day's deposits, it's your loss and you can't appeal to get it back.

There is never any borrowing time. You can't take a loan out on your time or against someone else's. The time you have is the time you have and that is that. Time management is yours to decide how you spend the time, just as with money you decide how you spend the money. It is never the case of us not having enough time to do things, but the case of whether we want to do them and where they fall in our priorities.

A DISH OF ICE CREAM



In the days when an ice cream sundae cost much less, a 10 year old boy entered a hotel coffee shop and sat at a table. A waitress put a glass of water in front of him. "How much is an ice cream sundae?" "50 cents," replied the waitress.

The little boy pulled his hand out of his pocket and studied a number of coins in it. "How much is a dish of plain ice cream?" he inquired. Some people were now waiting for a table and the waitress was a bit impatient.

"35 cents," she said brusquely.

The little boy again counted the coins. "I'll have the plain ice cream," he said. The waitress brought the ice cream, put the bill on the table and walked away. The boy finished the ice cream, paid the cashier and departed.

When the waitress came back, she began wiping down the table and then swallowed hard at what she saw. There, placed neatly beside the empty dish, were 15 cents - her tip.

You cannot change your future, but you can change your habits,
and surely your habits will change your future.

- A.P.J. Abdu'l Kalam

AN OLD MAN WITH HAPPINESS



An old man lived in the village. He was one of the most unfortunate people in the world. The whole village was tired of him ; he was always gloomy, constantly complained and was always in a bad mood. The longer he lived , the more bile he was becoming and the more poisonous were his words. People avoided him , because his misfortune became contagious . It was even unnatural and insulting to be happy next to him .He created the feeling of unhappiness in others. But one day, when he turned eighty years old and incredible thing happened.

Instantly everyone started hearing the rumour : " An Old man is happy today, he doesn't complain about anything , smiles, and even his face is freshened up" The whole village gathered together. The villager asked the old man , " What happened to you ? "

The old man replied:"Nothing special, Eighty years, I have been chasing happiness and it was useless. And then I decided to live without happiness and just enjoy life. That 's why I am happy now. "

**MUTHU
LAKSHMI P
(1911089)
I YEAR ECE**

DONT CHASE HAPPINESS. ENJOY YOUR LIFE.

THE OBSTACLE IN OUR PATH

There once was a very wealthy and curious king. This king had a huge boulder placed in the middle of a road. Then he hid nearby to see if anyone would try to remove the gigantic rock from the road.

The first people to pass by were some of the king's wealthiest merchants and courtiers. Rather than moving it, they simply walked around it. A few loudly blamed the King for not maintaining the roads. Not one of them tried to move the boulder.

Finally, a peasant came along. His arms were full of vegetables. When he got near the boulder, rather than simply walking around it as the others had, the peasant put down his load and tried to move the stone to the side of the road. It took a lot of effort but he finally succeeded.

The peasant gathered up his load and was ready to go on his way when he saw a purse lying in the road where the boulder had been. The peasant opened the purse. The purse was stuffed full of gold coins and a note from the king. The king's note said the purse's gold was a reward for moving the boulder from the road. The king showed the peasant what many of us never understand: every obstacle presents an opportunity to improve our condition.

STRUGGLE

A man found a cocoon of a butterfly one day a small opening appeared .He sat and watched the butterfly for several hours as it struggle to force its body through that little hole until it suddenly stopped making any progress and looked like it was stuck so the man decided to help the butterfly he took a pair of scissors and snipped off the remaining bit of the cocoon the butterfly then emerged easily although it had a swollen body and small shrivelled wings



The man didn't think anything of it and sat there waiting for the wings to enlarge to support the butterfly. But that didn't happen the butterfly spent the rest of its life unable to fly crawling around with tiny wings, To prepare itself for flying once it was out of the cocoon

"Our struggle in life develop our strengths", without struggles we never grow and nevet get stronger so it's important for us to tackle challenges on our own and not be relying on help from others.

SANTHOSI MEENAL L
(1915015)
I YEAR IT

ஹைக்ஸ்

பொருட்களை பயன்படுத்துங்கள்
நேசிக்காதீர்கள்...!
மனிதனை நேசியுங்கள்
பயன்படுத்தாதீர்கள்....!

Naveetha Krishnan
I year ECE

சிரிப்பவர்கள் அனைவரும்
கவலை இன்றி
வாழ்பவர்கள் அல்ல.....!
கவலையை மறைக்க
கற்றுக்கொண்டவர்கள்....!!

Mahesh Kannan N
I year ECE

தேடி அழைந்துகொண்டே இரு
வேண்டியது கிடைக்கும்வரை!
அது உன் அருகில் இருந்தால்
அதிர்ஷ்டம்..!
தூரத்தில் இருந்தால்
நம்பிக்கை..!
கிடைக்காமல் போனால்
அனுபவம்...!

Azik Jamal Ghouse M
I year ECE

“Anyone who has never made a mistake has never
tried anything new.”
-Albert Einstein

ஒருசேயின்குரல்

அந்தத்தின் ஆதியானவளே....!

என் மழலைமொழிக்கும் அர்த்தம் காண்பவளே
என்இமை அசைவிற்கும் இலக்கணம் புரிந்தவளே
எல்லையற்ற அன்பின் ஊற்றாய் விளங்குபவளே
என் சிரிப்பிற்கு சொந்தக்காரியே

என் கண்ணீரைத் துடைக்க ஒருசிலர் இருந்தாலும் - அதனை
என் கண்களிலிருந்து விழாமல் தடுக்கச்செய்யும்
விந்தைக்குச் சொந்தக்காரியே!

ஊனுடன் உயிரையும் ஊட்டும் உன்கரம் - அத்தகையநீ
எனக்கு இறைவன் அள்ளித்தந்த வரம்!

வாழ்க்கை எனும் திருவிளையாடலைக் கற்பிக்கும்
நோக்குடன் நீ - வகுப்பறையில்

அதனை ஆவலுடன் கவனிக்கும் நோக்குடன் நான் -
உன் கருவறையில்

இக்கலியுகத்தில் அன்பிற்கு பல அர்த்தங்கள் உண்டு
மாந்தருக்குப் பலமுகங்கள் உண்டு

இலட்சியம் ஆசை இவ்விரண்டிற்கும் வேறுபாடு உண்டு
நிலையற்ற இவ்வுலகில் நிலையில்லா மனித உறவுகள்
கண்டு கவலை கொள்ளாதே என்று.

எனை நினைத்த உனது கவலை

எனக்கு இவற்றை உணரச்செய்தது..!

வாழ்க்கை என்பது புதிரா? அல்லது முட்புதிரா? என்ற
குழப்பத்துடன் நான் - உனை திரும்பிப்பார்க்க...

அதற்கு விடையாக உன்முகத்தில் புன்சிரிப்பையே
மலரச்செய்து

"இதுவும் கடந்துபோகும் "என்றுணர்த்தி

எத்துயர் வந்தாலும் நான் தாங்கிக்கொள்கிறேன் என்று
எனைப் பாதுகாக்கும் முனைப்பில் - நீ!

உனைத்தனியே விட மனமின்றி விரைவில்

உன்னோடு கைகோர்க்கும் முனைப்பில் - நான்!

..... கருவறையிலிருந்து.....

நான் உருவம் பெரும் முன்பே எனை உயிரிலும் மேலாக
நேசித்தவளே..

என்முதல்காதலே..!

- உனக்குசமர்ப்பணம்!

இப்படிக்கு,

உன்சேய்.

Keerthivasan S

I year ECE



கவிதை

நம்பிக்கை

Selvameena M

I year Civil

ஒன்றும் இல்லை என்றேன் - அவள்

எல்லாம் இருக்கிறதென்றாள்

பஞ்சத்தின் உச்சம் என்றேன் - அதென்

நெஞ்சத்தின் அச்சம் என்றாள்

தாகம் தணிக்க நீரில்லை என்றேன்

கண்ணீர் இருக்கிறதே என்றாள்

அன்று....அவளை மிதித்த நான்

இன்றோ....மதிக்கிறேன்

அவளை உணரும் முன்போ

இருந்தும் இல்லாதவளாய் வாழ்ந்தேனோ! கண்

திறந்தும் காணாதவளாய் திரிந்தேனோ!

உற்றது உரைத்த அவள்

உறாதது மறைக்கச் செய்தாள்

அவளும் இல்லை என்றாலோ...கண்

இமைக்கவும் தெம்பில்லையே!

எக்கணம் அவளை இழந்தாலும்

அக்கணம் என்னை இழப்பேனே!



தமிழே

என்றோ ஒருவர் நாவில் ஒலித்தாயே
என்றோ ஒருவர் கரத்தில் குறியீடாய் மாறினாயே
என்றும் எப்போதும் மாற்றத்தை என்றாயே
அதனால் தான் இருந்தும் மறைந்து போனாயோ
அனைத்தையும் ஏற்றதனால் தான் ஏனோ இயற்கையும்
உன்னை புதைத்ததோ
இருப்பினும் உன் திருவடி தேடி திரிந்தோம்
கீழடியை மேலேடுத்து நிறுத்த
ஆதிச்சநல்லூரை ஆய்ந்தேடுக்க தினமும்
உன் பழைமையை எங்களுக்கு புதுமையாய்
காட்டினாயே அதிலும்
உன் பெரும்பெருமையை ஒரு வட்டத்தில்
பல கரங்கள் சேர்ந்து அடக்கின அவ்வட்டத்திலும்
உன் பெருமை தற்பெருமை அடையாது
தனித்து புலமையில் புகழ்ச்சி அடையாது
நிற்கின்றாய்
எவ்வாறு இவ் யுகத்திலும் ஆசையற்று
இனிமையாய் இருக்கிறாய்?
என் தமிழே!!!

Perumal A (1913038)

I year EEE

வாழ்க்கை

பருவங்களோ கடந்து கொண்டிருக்கிறது

வாழ்க்கையோ வேகமாக செல்கிறது!

அதனுடன் நானும் ஓடுகிறேன்

ஓட்டப்பந்தய வீரனைப்போல!

நான் செல்லும் பாதையில் முள்ளும்

மலரும் இருக்கத்தான் செய்கின்றன!

மலரைக்கண்டு மகிழ்ந்தால் அதிலுள்ள

முட்கள் என்னைக் காயப்படுத்துகின்றன!

முட்களைக் கண்டு பயந்தால் அழகான

மலரை இழந்து விடுவேன்!

நான் என்செய்வேன்?

அதுபோலத்தான் என் வாழ்வும்

இன்பத்திற்கும் துன்பத்திற்கும் இடையில்

இந்தமனம் எத்துணை சபலமடைகின்றன!

அந்த மலரின்மீது அவ்வப்போது

பொழியும் மழைத்துளிகள்தான்

என்பால் இறைவன் அவ்வப்போது

காட்டும் கருணைகள்!

அந்தமலர் மொட்டாக இருக்கும்போது
அதை ஒன்றும் தீண்டுவதில்லை!
அதுபோலத்தான் நம்முடைய முயற்சியின்போது
இந்த உலகம் நம்மைக்கண்டு கொள்வதில்லை!

அதே மலர் மலரும்போது பலதேனீக்களும்
வண்டுகளும் மொய்ப்பதுண்டு!
அதுபோலத்தான் அந்த முயற்சி வெற்றி அடையும் போது
இந்தஉலகம் நம்மையும் போற்றும்!

எது எப்படியோ தன்னம்பிக்கை என்ற ஒன்று உள்ளவரை
மலரும்சரி! மனிதனும்சரி! ஜெயிப்பது நிச்சயம்...

கைக்க

வானத்தின் கண்ணீர்

உவர்ப்பாக இருக்கலாம்

ஆனால் பூமி அதை

இனிப்பான சிரிப்புடன் ஏற்கிறது.

ப.வித்யா

I year ECE.



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DEPARTMENT OF SCIENCE AND HUMANITIES

Toppers in the academic year 2019-20



KARTHIKA A, I ECE
NPTEL Top 2% in Developing Soft
skills and personality



SUBITSHA A, I ECE
NPTEL Top 5% in Developing Soft
skills and personality



KARTHIKA A, I ECE
CGPA 10

INTERNSHALA AMBASSADORS AND STUDENT PARTNERS



NARAIN C, ICSE



AJAY RAJENDRAN, I CSE



NITHYA G, I CSE



VAIDYANATHAN K, I CSE



ROHIT SHANKAR, IECE

SKILL RACK TOPPERS WITH MORE MEDALS



JEKHAN I S, I EEE
387 MEDALS



DHARANI S, I IT
385 MEDALS



KARTHIRAM A, I ICSE
336 MEDALS



JAGATHISH I, I EEE
331 MEDALS



THIRUMAALAI NAMBI K, I CIVIL
325 MEDALS



ARUNA RAMALAKSHMI P, I CSE
314 MEDALS



ANANDHA A, I IT
307 MEDALS



VIMAL KUMAR B, I CSE
280 MEDALS



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DEPARTMENT OF SCIENCE AND HUMANITIES

Academic toppers during 2019-20



AAKASH EDWIN A
CGPA 9.89
I MECH



KARTHICK D
CGPA 9.54
I MECH



KARTHIKA A
CGPA 10
I ECE



ANUMALA S
CGPA 9.58
I ECE



JANAPRIYA S
CGPA 9.38
I CSE



TIRUGNANAM S
CGPA 9.33
I CSE



PON SARAVANAKUMAR S
CGPA 9.31
I EEE



MOHANA INDHU PRIYA A
CGPA 9.31
I EEE



PERUMAL A
CGPA 9.31
I EEE



AARIF NOWSATH M
CGPA 9
I EEE



DINESH KUMAR P
CGPA 9.2
I CIVIL



VISHAL M
CGPA 9.09
I CIVIL



JOTHI DEETSHIHA
CGPA 9.46
I IT



SUGA PRIYA
CGPA 9.27
I IT

Programs held in the department

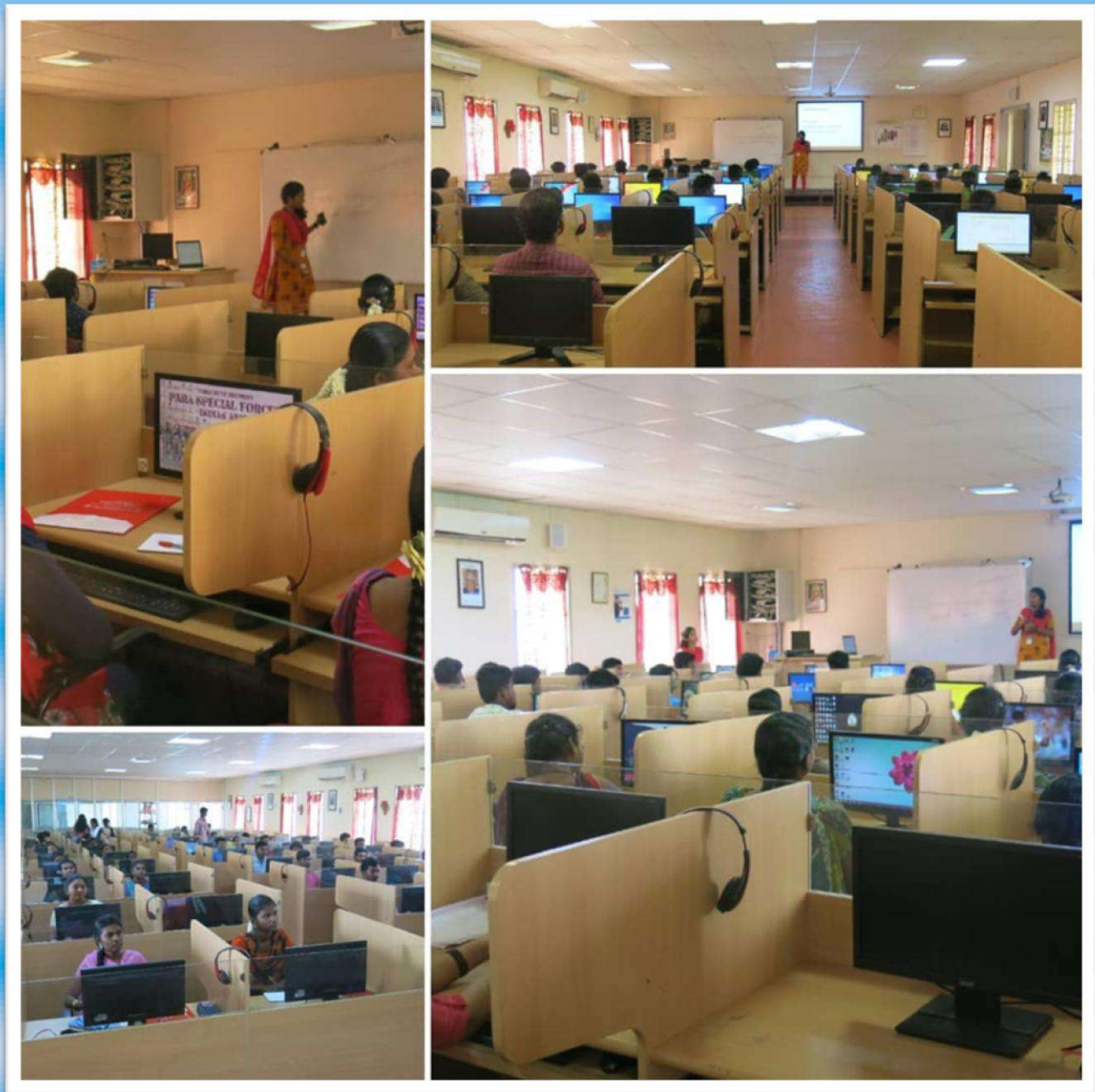
YOUTH EMPOWERMENT SKILLS



Y
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M



One day Workshop 'Python Hunters' on 16.03.2020 conducted by our I year IT Students



Python Hunters Workshop



Special lecture on Biology for Engineers by Dr.P.Kumar, GVN College



Seniors guiding juniors Interaction of IV year Mech Students with I year Mech Students

Our Founder Chairman
Thiru K.R.Ramasamy First Memorial
Debate by First Year Students





CODE IT training for I year students by GUVI CEO Mr.Arun Prakash

On 18.2.2020



**Prof Ananthan, Welding Research Institute addressed the I year students on
19.02.2020**



Alumni Interaction-Mr.Karthikeyan (Mech 2018 Batch) from IIT Madras addressed the I year students on 19.02.2020



Alumni Interaction-Ms.Suriya (EEE 2018 Batch) Senior Inspector of cooperative with the I year students



CODEIT FORUM INAUGURATION ON 26.02.2020



CODEIT FORUM INAUGURATION ON 26.02.2020

Glimpses of Instagram contests




Date for your entry

JUNE 10




Registration ends on




JUNE-07






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*APTITUDE *TECHNICAL	*SCIENCE *ENGLISH	*CURRENT *AFFAIRS



36
Gold Medal



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NEC REGISTRATION PAGE



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அறிவியல் மற்றும் மனிதவளத்துறை



37

“ஜெயிப்பது நிஜம்”

(கொந்த, தேர்விலை எதிர்பெயர்வும் பந்தம் வலுவடி பங்கும் அகல்
மணி மாண்புமிகு அமைச்சர் தலைமையில் நடைபெறும்) (05.06.2020 முதல் 14.06.2020 வரை)

பா.ம்	பயிற்சி நாட்கள்	பயிற்சி நேரம்
தமிழ்	05.06.2020 & 14.06.2020	
	07.06.2020 & 10.06.2020	
ஆங்கிலம்	06.06.2020 & 13.06.2020	கூர்தி மீட்டி செய்ய முடிக
கணிதம்	09.06.2020 & 12.06.2020	
அறிவியல்	08.06.2020 & 11.06.2020	காலம் 11.00 மணி முதல் மதியம் 12.30 மணி வரை
சமூக அறிவியல்		

அனைத்து திறமை வாய்ந்த ஆசிரியர்களைக் கொண்டு
மாண்புமிகு அமைச்சர் பயிற்சி வாழ்க்கை இயக்குகிறார்.

மேலும் தொடர்புக்கு : 95004 00682, 9424 52724

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TIME: 10 AM

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INVITED SPEAKERS

"Empowerment: A paradigm for biomedical application"
Dr. G. Shanmugam
Research Associate, Tamil Nadu Veterinary, Animal and Fisheries Sciences University, Karaikal, India

"Food under threat: the people will not wait!"
Dr. Suresh Prasad, D.S.S.
Professor, Tamil Nadu Veterinary, Animal and Fisheries Sciences University, Karaikal, India

"The Golden Cycle"
Dr. Subashini Ramakrishnan
Assistant Professor, Tamil Nadu Veterinary, Animal and Fisheries Sciences University, Karaikal, India

"Role of Engineers in Drug Design - Molecular Docking Studies"
Dr. Suresh Prasad, D.S.S.
Professor, Tamil Nadu Veterinary, Animal and Fisheries Sciences University, Karaikal, India

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WEDNESDAY
3rd JUNE 2020
10.00 A.M - 11.00 A.M

Mastering In GRE and TOEFL
For Engineering, Arts and Science Students

Mr. PUNARBASU ROY
Graduate Student
University of Minnesota, USA

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EC S&H WEBTALKS 2K20

WEBINAR ON
APPLICATION OF BASIC SCIENCE IN SPACE TECHNOLOGY

10th JULY 2020
10.00 AM - 12.00 PM

Register Now: <https://bit.ly/3agLMPC>

NEC S&H WEBTALKS 2K20

WEBINAR

BIOMIMETIC SYNTHESIS OF BIO-CERAMIC COMPOSITES

17th JULY 2020
10.00 AM - 11.00 AM

Organized by
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Register Now: <https://forms.gle/CSeMyMRbEvaAEid>

NEC S&H WEBTALKS 2K20

"RECENT TRENDS IN COMPUTER SCIENCE"

20th JUNE 2020
10.00 AM - 11.00 AM

Register Now: <https://forms.gle/CSeMyMRbEvaAEid>

NEC S&H WEBTALKS 2K20

"WHAT AND HOW IN HEALTH SOCIETY- An Engineering Approach"

23rd JUNE 2020
10.30 A.M

Department of Science and Humanities

Register Now: <https://forms.gle/CSeMyMRbEvaAEid>

IR. S. NARAYANA KALKURA
PROFESSOR, USC-R&D FACULTY FELLOW
RYSAL GROWTH CENTRE
JSC - NATIONAL FUSION CENTRE
MVA UNIVERSITY, CHENNAI

17th JULY 2020
10.00 AM - 11.00 AM

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NEC XTRA GENIUS 2K20
Exclusively for HODs

Webinar
18th JUNE 2020
10.00 AM - 11.00 AM

TOPIC
Has studies in school and what they need higher education?

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NATIONAL ENGINEERING COLLEGE
(An Autonomous Institute Affiliated to Anna University, Chennai)
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K.R. Nagar, Koyilpattinam-605 005

Department of Science & Humanities
Organizes

NEC XTRA GENIUS 2K20

WEBINAR

6th JUNE 2020
3.00 - 4.00 P.M

Responsible Person: Dr. R. Anand Rajendran
Post Doctoral Fellow
Tamil Nadu Veterinary, Animal and Fisheries Sciences University, Karaikal, India

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Join to Our Upcoming
WEBINAR

"Modulation of reactive oxygen and nitrogen species (ROS/RNS) by nanozymes"
Organized by
SCIENCE CLUB & DEPARTMENT OF SCIENCE AND HUMANITIES

13th JULY 2020 MON
10.00 A.M - 11.00 A.M

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NEC XTRA GENIUS 2K20
Exclusively for HODs

Webinar
18th JUNE 2020
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SCIENCE CLUB & DISTRICT SCIENCE CENTRE
Jointly Organized

Solar Eclipse - Viewing Safety & Busting Myths

21st JUNE 2020 | 9.00 - 10.00 A.M

Meet Link: <https://meet.google.com/tpi-gmyc-wd>

Mr. S. M. Kumar

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AN OVERVIEW OF PLASMA TECHNOLOGY AND ITS APPLICATIONS

11th JUNE 2020
11.00 AM - 12.00 PM

Register Now: <https://forms.gle/CSeMyMRbEvaAEid>

NEC S&H WEBTALKS 2K20

WEBINAR
Remote Sensing & its Applications

10th JUNE 2020
10.00 AM - 11.00 AM

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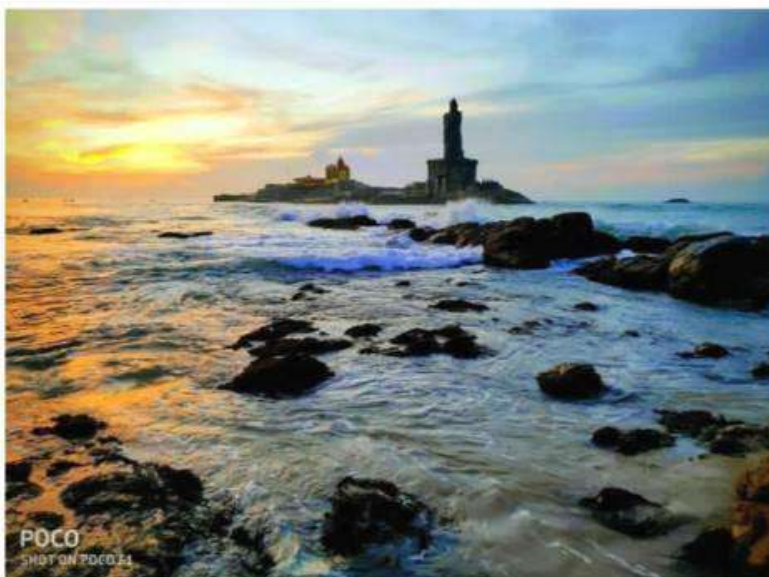


**Photography
Contest
Winners**



Karthikeyan, I CSE

**2 nd Place
Narayanan, I Mech**



**3rd Place
Sivasornaram, IV EEE**



Glimpses of Insta Photography Contest



Arun Kumar IV EEE



Gokul I MECH



Kural Amuthan III EEE



Mukilson I MECH



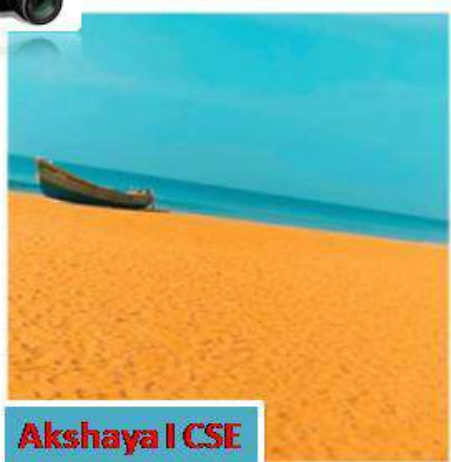
Sankar G I ECE



Meeran, III MECH



Glimpses of Insta Photography Contest



Akshaya I CSE



Saravana Ganesh I MECH



Chitra, II CSE

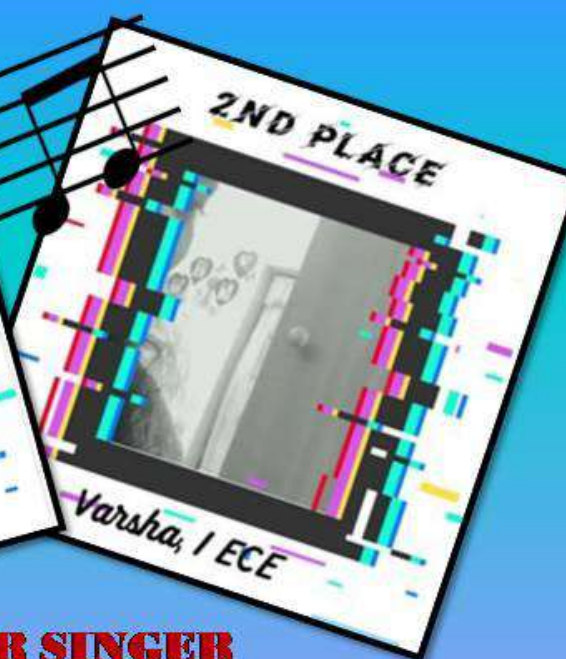
Arun Ramkumar, Alumni 2011-15



Rajkumar, Alumni 2014-18



Santhosh, I IT



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VOCAL SOLO**





**NEC SUPER SINGER
INSTRUMENTAL SOLO**



Our creative designer
Mr. Vinoth I EEE



Hats off to you 🎩



OUR VIDEO CREATOR 🏆🏆
MR. SIVALINGAM I IT

Student Achievements in various competitions



Ms. S. Suji (1912030) I B.E. – C.S.E.

Mr.Vaidhyanathan and Ms.S.Suji of I CSE won prizes in essay writing competition in institutional level conducted by heartfulness educational trust

Ms.S.Suji also bagged first prize in the national level poetry contest conducted by Hillgrove: All India Poetry Contest



Ms.Akshaya IEEE won II prize in Zonal level shotput event



Ball badminton team won 3rd prize in divisional level

INTERNSHIP TRAINING

Register No	Name	Branch	Company	Duration
1910031	Aravind Maharajan.T	Mech	India Cements Limited, Sankar Nagar, Tirunelveli-627357	One week
1910041	Vignesh.M.R	Mech		
1910034	David Rajkumar.T	Mech		
1913002	Anusuya Devi.G	EEE		
1913019	Vasuki.G	EEE		
1913021	Joyslin Janet.J	EEE		
1916009	Supriya P	CIVIL		
1916019	Selvameena M	CIVIL		
1916029	Gomathy T	CIVIL		

Internshala Online Training

Register No	Name	Branch	Online Training on	Duration
1911078	Keerthivasan S	ECE	Ethical Hacking	8 weeks
1915027	Ananthi R	IT	Programming with Python	6 weeks
1915030	Anusiya G	IT	Programming with Python	6 weeks
1915040	Manjula Devi M	IT	Programming with Python	6 weeks
1915049	Shunmugalakshmi P	IT	Programming with Python	6 weeks
1915054	Suga Priya K	IT	Programming with Python	6 weeks

WORKSHOP ATTENDED - MECHANICAL ENGINEERING

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
1	HARISH.G	Workshop on Auto Mobile	NIT Trichy	14.02.2020
2	MANOJ .S			
3	LAKSHMAN. G			
4	DAVID RAJKUMAR.T			
5	ARUN KUMAR.K.V	National Level Technical Symposium Digital Design Using Verilog	NIT Trichy	14.02.2020 to 16.02.2020
6	KARTHIKEYAN.K			
7	ESAKKIDURAI.N			
8	LEKSHMI NARAYANAN.M			
9	RAMBABU.R	Workshop on Auto Mobile	NIT Trichy	16.02.2020
10	HARISH KUMAR.N			
11	FELIX LEO THOMAS S			
12	SIVA.M			
13	AAKASH EDWIN.A	Robotion and Machine Learning	VIT Chennai	21.02.2020
14	MOHAMMED ABOOBACKER SIDDEEQ			
15	HAROON RASOOL.K			
16	GLADSON.R			
17	ARAVIND MAHARAJAN.T	Internship	India Cements - Tirunelveli	17.02.2020 to 22.02.2020
18	DAVID RAJKUMAR.T			
19	VIGNESH.M			
20	SHUNMUGA SUNDARAM M	Workshop on CNC wire cut EDM- Pistoboltz-2020	Madras Institute of Technology	28.02.2020
21	MATHAN B			
22	GOKUL B B			
23	SARAN S			
24	ARAVIND MAHARAJAN.T	National Level Students Workshop on Power Plant Engineering	Coimbatore Institute of Technology	28.02.2020 & 29.02.2020
25	VIGNESH.M.R			
26	SATHYA PRAKASH.M			
29	SANJAY KUMAR.H			
30	KARTHIYA SUTHAN M	National Level Technical Symposium - Workshop on 3D Printing	Kongu Engineering College Perundurai , Erode	05.03.2020
31	MUTHU NITISH M			
32	MUTHU KRISHNAN M			
33	NAGARAJAN M			

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
34	VENGATESH M	Workshop on NDT - Kriya 2020	PSG College of Technology	21.02.2020
35	SUDHARSSAN.A			
36	SANJAY.R			
37	KARTHICK KISHORE.K			
38	ANTLINE RISHONE.J.R	Workshop on 3D Printing - Takshashila 2020	Chennai Institute of Technology	28.02.2020 & 29.02.2020
39	UDHAY SRIRAM.G			
40	DEEPAK KUMAR.P			
41	ARAVIND.K			

ELECTRONICS AND COMMUNICATION ENGINEERING

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
1	VIGNESHWARA PERUMAL.M	National Level Technical Symposium Yuktha 2020 PIC Microcontroller Embedded	PSG Institute of Technology and Applied Research, Coimbatore	05.02.2020
2	MAHA RAJAN.S			
3	MOHAMED ANAS.M			
4	SATHYA HARI KARA SANKAR.S			
5	KARMEGAM S	Workshop on Network Security- Kurukshetra 2020	College of Engineering Guindy, Anna University, Chennai	12.02.2020 to 14.02.2020
6	NAVEEN KUMAR M			
7	ABISHEK G			
8	VIJAYA KRISHNAN S			
9	VISHNU K	Internship	BSNL, Tirunelveli	11.02.2020 to 14.02.2020
10	SHEETHAL.U			
11	SUPRIYA.A			
12	SAMYUKTHA.R			
13	SUBASHINI M	One Day National Workshop on Machine Learning for Robotics and Automation	VIT, Chennai	21.02.2020
14	GANESH ARAVIND B			
15	ATHI GURU K			
16	JEGAN M			
17	MANOJ S K	Workshop on Additive Manufacturing	PSG Engineering College of Technology Coimbatore	21.02.2020 to 23.02.2020
18	NISHAR AHAMED T			
19	ANU MALA S	National Level Talent Fest - Repowis 2K20	Kongu Engineering College, Erode	21.02.2020
20	JAYA SRI M			
21	MARIMUTHU. K	National Level Talent Fest - Repowis 2K20	Kongu Engineering College, Erode	21.02.2020
22	LOKESHDURAI.V			

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
23	TAMILKUMAR V	National Level Talent Fest - Repowis 2K20	Kongu Engineering College, Erode	21.02.2020
24	AZHAGAN S	Workshop on Sensor Interface and Integration – Kriya 2020	PSG College of Technology, Coimbatore	21.02.2020 to 23.02.2020
25	KEERTHI VASAN S			
26	ESAKKI MUTHU UDAYASAKTHI S			
27	MATHAN ABISHEK R			
28	MANOJ K			
29	RAJESH KUMAR G	Workshop on Arduino Based Robotics-YUGUM-2020	Kumaraguru College of Technology, Coimbatore	03.03.2020 & 04.03.2020
30	MURUGAN M			
31	KARTHICK M			
32	MARISELVAM M			
33	ANITHA G			
34	VINITHA SELVI A	Workshop "The Role of IOT in Autonomus Vehicle	Govt. College of Technology, Coimbatore	29.02.2020
35	KRISHNA VENI M			
36	SARANYA S B			
37	KAVIYA G			
38	KARPAGAMAHESWARI R	Workshop on Emerging Technologies for Sustainable Development	Thiagarajar College of Engineering, Madurai	04.03.2020
39	YAMUNA MARY J			
40	SURIYA PON SELVI R			
41	PAVITHRA T			
42	VIDHYA P			
43	SRI LAKSHMI PRIYA S			
44	SOBANA A			
45	VAISHNAVI H			
46	MUTHU AKALYA A			
47	KARTHIKA A			
48	KAVIGURU M			
49	PRADEEPA.S	Miniature Sensor Design	Kumaraguru College of Technology, Coimbatore	04.03.2020
50	SUBITSHA A			
51	MUTHU LAKSHMI P			
52	MUTHU SUBATHRA L			
53	SHIRLIN JENO WINCY J			
54	ALEX.J	Indcon-2020 – Quiz on Engineers vision	Anna University, Chennai	06.03.2020 & 07.03.2020
55	JOSHUA VIMAL RAJ.R			

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
56	BALAJI.V	Indcon-2020 – Quiz on Engineers vision	Anna University, Chennai	06.03.2020 & 07.03.2020
57	SELVABHARATHI.M			
58	ANAND.L			
59	SUNDAR RAM.M			
60	PAUL KEINS.B			
61	BHARATH KUMAR.S			

COMPUTER SCIENCE AND ENGINEERING

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
1	FRANCIS SELVARAJ PANDIAN R	Workshop on Amazon Web Services of Prayatna-2020	Madras Institute of Technology, Chennai	08.02.2020
2	SRI CHARAN B J			
3	SURYA PERUMAL K			
4	NAVEEN KUMAR P			
5	HAQEEM ALQM S.M			
6	RAJAPPAUL M			
7	ARUNA RAMALAKSHMI P	Workshop on Web Development	National Institute of Technology, Trichy	07.02.2020 to 09.02.2020
8	KEERTHANA DEVI E			
9	MUTHU RAMAN A	Workshop on Cloud Computing held during Kurukshetra 2020	College of Engineering Guindy, Chennai	12.02.2020 to 16.02.2020
10	JANAPREETHI S	One day National Workshop on Machine Learning	College of Engineering Guindy, Chennai	22.02.2020
11	JANAPRIYA S			
12	LOGANAYAKI M			
13	PETCHIAMMAL S			
14	PREETHI.R	Digital Marketing	IITM Research Park	23.02.2020
15	BHUVANESWARI.M			
16	SERENA SEFRANICA.P			
17	MONICA A	Workshop on Ethical Hacking	Govt. College of Technology, Coimbatore	28.02.2020
18	SOBIAH M			
19	MOHANAPRIYA D			
20	SHRI SUDHAN.K	Workshop on Machine Learning- ENANTRA	College of Engineering Guindy, Chennai	22.02.2020
21	JAYANTH.S			
22	KISHOR KUMAR.K			
23	SANJAY KUMAR.S	Workshop on DEMYSTIFY ML & AI - Melinia 2020	Coimbatore Institute of Technology, Coimbatore	28.02.2020
24	VIVEK.V			

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
25	RAGUL K K	Workshop on First Step towards IIOT	College of Engineering Guindy, Chennai	06.03.2020
26	SANTHOSH RAJ K			
27	SUBASH A			
28	KARTHICK B			
29	RAHUL ASWIN R			
ELECTRICAL AND ELECTRONICS ENGINEERING				
S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
1	RAMESH R S	Workshop on Electric Vehicles - Kurukshetra 2020	College of Engineering Guindy, Chennai	12.02.2020 to 16.02.2020
2	KASI VISHAL K P			
3	AKASH.C			
4	PON SARAVANAKUMAR.S			
5	JEGAN RAJ.G			
6	ANUSUYA DEVI.G	Internship	India Cements, Tirunelveli	17.02.2020 to 22.02.2020
7	VASUKI.G			
8	JOYSLIN JANET.J			
9	RAHUL.R	Workshop on PCB Designing and IOT Embedded	Chennai Institute of Technology Chennai	28.02.2020 & 29.02.2020
10	RAHUL.V			
11	JASSIM MOHAMMED.S			
12	SUSEEL RAJA.P			
13	SUBALAKSHMI J	Workshop on Photovoltaic System Design	PSG College of Engineering, Coimbatore	21.02.2020 to 23.02.2020
14	YAMINI RAJAM R			
15	JEY SHREE LAKSHMI J			
16	MOHANA INDHU PRIYA A			
17	ANURAGA.J	National Level Technical Symposium-Workshop- INTERSECT-2020	CSIR - Central EletroChemical Research Institute Karaikudi	05.03.2020 to 06.03.2020
18	BAGAWATHI.R			
19	VASUKI.G			
20	RUSHMITHAA.S.B			
21	RAJA LAKSHMI M			
22	SHARMIE V			
23	NITHU ANISHKA N			
24	SOWMIYA A S			
25	VINOTHINI.M			

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
26	NOORUL IRFAN.A	Electric and Hybrid Electric Vehicle Engineering – Yugam- 2020	Kumaraguru College of Technology, Coimbatore	02.03.2020 & 03.03.2020
27	STEPHEN.A			
28	JAGATHISH.L			
29	MOHAMED RIYAS.P.S			
30	NITHIN DURAIE			
31	BALAGANESH S	Workshop on Automation System Design using PLC	Kumaraguru College of Technology, Coimbatore	02.03.2020 & 03.03.2020
32	AJAY KUMAR M			
33	SRIRAMAN R			
34	NAVANEETHA KRISHNAN C			
35	PERUMAL A			
36	VINOTH A			

INFORMATION TECHNOLOGY

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
1	KAARTHIKA PRIYADHARSHINI M	National Level Technical Symposium - Internet of Things	NIT Tiruchy	14.02.2020 to 16.02.2020
2	MANGAI ESAKKI P			
3	SUBIKSHAA S			
4	ANUSIYA G			
5	SHUNMUGALAKSHMI P			
6	SUGA PRIYA K			
7	SARANYA A			
8	NITHYA V			
9	MANJULA DEVI M			
10	SANTHOSHKUMAR S	National Workshop on Machine Learning	Government College of Technology, Coimbatore	15.02.2020
11	VIGNESH LAKSHMANAN G			
12	SURYA PRAKASH M			
13	LAKSHMANAN G			
14	SANTHANARAJ G			
15	ANANTHI R	Internet of Things	College of Engineering Guindy, Chennai	22.02.2020
16	ANU R			
17	JOTHI DEETSHIHA D			
18	MADHUMADHI I			
19	SUSHMITHA K			

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
20	PRIYADHARSHINI.R	Enterpereurship decennium	PSG College of Technology, Coimbatore	28.02.2020 & 29.02.2020
21	RAMYA.S			
21	MALA DEVI.P			
22	SURIYA.S			
23	SANTHOSI MEENAL.L			
24	ANTO ROSARIO S	Workshop on Mobile App Development	PSG College of Technology, Coimbatore	21.02.2020 to 23.02.2020
25	JAI KUMAR C S	Workshop on AR/VR Deep Dive held at Millina 2020	CIT, Coimbatore	28.02.2020
26	NANDHAKUMAR S			
27	SANTHOSHKUMAR S			
28	ANANDH.A		College of Engineering Guindy, Chennai	02.03.2020 to 03.03.2020
29	BHARATHI.C			
30	HARIHARASUDHAN.P			
31	RAMAGOPAL.S			
32	NITHISH BABU.S			
33	SANTHOSH G R	Block Chain Technology	Kongu Engineering College, Erode	07.03.2020
34	KUMAR S			
35	VIGNESH A			
36	MADHUSUTHANAN M			
37	SIVALINGAM M	Hands on Workshop on Ethical Hacking	Government College of Technology Coimbatore	28.02.2020
38	DEEPAK KUMAR S			
39	VIGNESHWARAN K			
40	HARRISH KUMAR G M			

CIVIL ENGINEERING

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
1	DINESH KUMAR.G	Workshop on 3D Printing – Takshashila 2020	CIT Chennai	28.02.2020 & 29.02.2020
2	DURGESH.N			
3	BALAJI @ MANIKANDAN L			
4	JOTHI HARISH J			
5	VIJAYAPANDIAN.V.M			
6	NAVINKUMAR.M			
7	POOVALINGAM.T			
8	SATHEESH KUMAR.B			

S.No	Name of the student	Workshop / Paper Presentation/ Symposium	Venue	Date
9	AROCKIA PAUL ARASU.P	Workshop on 3D Printing – Takshashila 2020	CIT Chennai	28.02.2020 & 29.02.2020
10	JEGANKUMAR.R			
11	ZUHAIR AHAMMED D			
12	SUBASH SANKARALINGAM.S			
13	BALAPREMNATH V			
14	YUVARAJ KUMAR .M	Workshop on BIM	IIT Madras	06.03.2020 & 07.03.2020
15	DINESH KUMAR P			
16	KANNAPPAN N			
17	ESAKKIPANDIAN T			
18	DEVI KEERTHIKA ESAKKI A.K	Workshop on Innovative Erection Methodologies of steel structures	College of Engineering Guindy, Chennai	07.03.2020
19	DARSHINI H			
20	MALLIKA V			
21	VENI T			
22	ESHA DEVI.M	Prestressed Concrete on Bridges	College of Engineering Guindy, Chennai	06.03.2020
23	VISHALI.M			
24	ABINAYA.N			

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