



August & September 2021

**Thanthai Periyar Government Institute
of Technology, Vellore – 632 002**

**தந்தை பெரியார் அரசு பொறியியல் கல்லூரி
வேலூர் – 632 002**

**News Letter
Bi – Monthly Issue**



Contact Us:

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Inauguration of B.E. Lateral Entry Facilitation



Our college principal, Dr. M. Arularasu and vice- principal, Dr. J. Sreerambabu formally inaugurated online application facilitation for B.E. direct second year entry at MCA Block of our college on 10.08.2021. The regional online facilitation centre has been created to help desiring eligible candidates apply for direct second year B.E. programmes.

Courtesy to media that the inauguration has been published in the press to help aspirants in the region make use of the Tamil Nadu engineering admission facility available in our campus.

▲ வேலூர் தந்தை பெரியார் அரக பொறியியல் கல்லூரியில் தமிழ்நாடு பொறியியல் கல்லூரிகளுக்கான இரண்டாம் ஆண்டு பி.இ., நேரடி சேர்க்கைக்கான விண்ணப்பத்தை இணைய வழி சேவை மையத்தில் பதிவு செய்த மாணவிகள். இதனை, பொறியியல் கல்லூரி முதல்வர் முனைவர் அருளரக, துணை முதல்வர் முனைவர் ஸ்ரீராம் பாபு ஆகியோர் தொடங்கி வைத்தனர். படம்: வி.எம்.மணிநாதன்

Staff Meeting



Photo: vice-principal, Dr.J. Sreerambabu, addressing the gathering on the meet; faculty members attending.

As soon as Anna University announced the commencement of online classes for higher semester, the head of the Institution, Dr.M. Arularasu, convened a meeting of all teaching faculty members at Media Center on 11.08.2021 at 11.00a.m. The meeting was held to provide necessary directions to staff members so as to be better prepared for taking classes.

Heads Meeting

Our principal, Dr.M.Arularasu, vice principal, Dr.J.Sreerambabu, Heads of all Departments gathered in the Principal's Conference Hall in the college administration block. During the meeting Principal held discussion with all present on wide spectrum of issues concerning proper administration of the institutions and conduction of online classes to the students.



Princiapl in the meeting with HODs.

75th Independence Day Celebration



The 75th Independence Day of our nation was celebrated in grand manner on 15.08.2021. Principal, Dr. M. Arularasu, unfurled the tricolor in the administrative block and delivered the Independence Day special address. College vice- principal, HoDs, Professors, teaching and non- teaching staff gathered on the premises on the occasion.

Inauguration of the Revamped SBI ATM Centre in Our College Campus



Principal, Dr. M.Arularasu, inaugurating refurbished SBI ATM facility; a group photo.

Principal's Meeting with PWD Officials



Our college principal, Dr.M.Arularasu, held a meeting with Executive Engineer and Assistant Engineer from Public Works Department in his official chamber. He held discussion with the official on wide spectrum of issues concerning infrastructure in the campus, including renovation of some facilities in the hostel

HODs and Faculty Advisers Meeting

On 31.08.2021 in College Admin Block, our college principal, Dr.M.Arularasu, held an urgent meeting with HODs and Faculty Advisers on Covid-19 SOP and Government guidelines to be followed while conducting direct classes to students after college reopening. He also held a separate meeting with college hostels officials on the preparedness to accommodate hostelers.



Photo: Meeting chaired by college principal and senior professors Dr. Rahila Bilal and Dr. Sreerambabu

TPGIT DEBATING FORUM – Independence Day Special Discussion

We invite you to

75TH INDEPENDENCE DAY

Special discussion

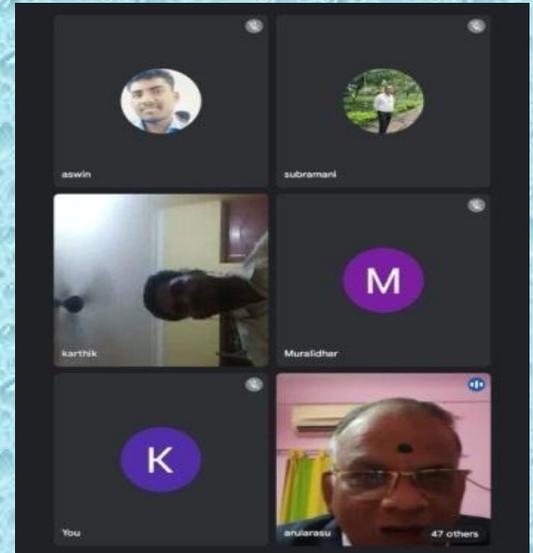
THEME
Attaining self-reliance in technology needs of India-2047.

CHIEF GUESTS

August 14, 2021
7 to 8 pm
via Googlemeet
Code: [gkh-hpjj-zac](#)

Dr.M.Arularasu, M.E., Ph.D.,
Principal,
TPGIT, Vellore.

Dr.J.Sreerambabu, Ph.D., PDF,
Vice Principal,
TPGIT, Vellore.



Special discussion invitation; a screenshot of principal addressing the students online.

On 14.08.2021, as a part of 75th Independence Day celebration, TPGIT Debating Forum, a platform to cultivate social awareness among students, conducted online a special discussion on the topic, Attaining Self-Reliance in Technology Needs of India- 2047. Our college principal, Dr.M.Arularasu, vice principal, Dr.J.Sreerambabu, were presided over the discussion and shared their valuable insights with the student participants. Faculty members and student participants joined the discussion overwhelmingly and shared insights on technology growth trajectory of India in attaining self-reliance before the turn of next century.

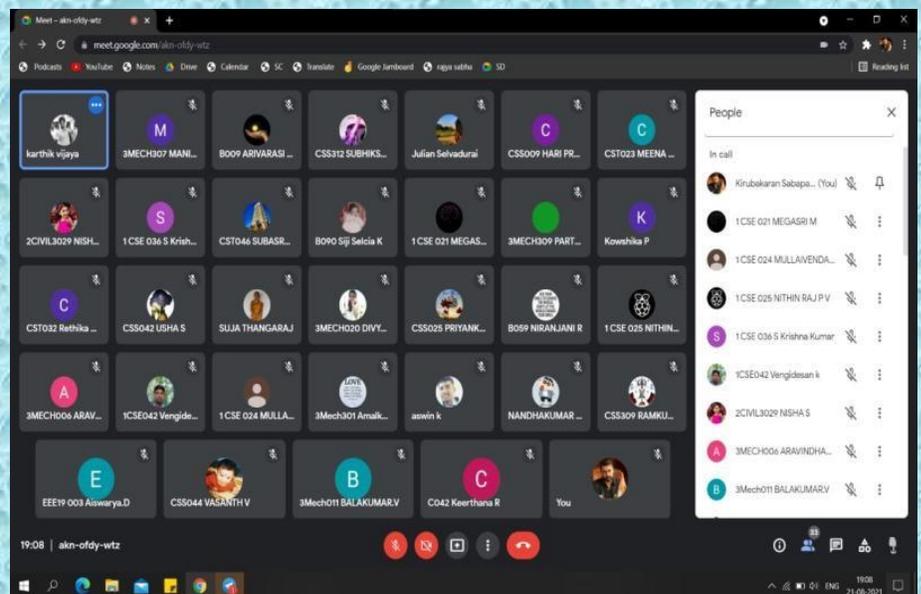
Weekly Debate (21.08.2021)

Happy Learning!! Happy Growing!!

TPGIT DEBATING FORUM

TOPIC 60: To be a successful engineer, you need social skills or technical skills?

August 21, 2021
7 to 8 P.M.
GoogleMeet link:
<https://meet.google.com/fbq-zjsk-qfr>



Our college debating forum conducted online, as part of weekly debate, a debate on the topic, To Be a Successful Engineer, You Need Social Skills or Technical Skill? on 21.08.2021. Around 35 students were present in the debate. Not only the listed participants spoke but also non-listed students took part in it after the listed speakers.

TPGIT ALUMNI ASSOCIATION – Career and Personal Development



**THANTHAI PERIYAR GOVERNMENT
INSTITUTE OF TECHNOLOGY
VELLORE-02**

TPGIT ALUMNI ASSOCIATION

SPEAKER
Mr. P Chezhyan

TOPIC
Career & Personal Development

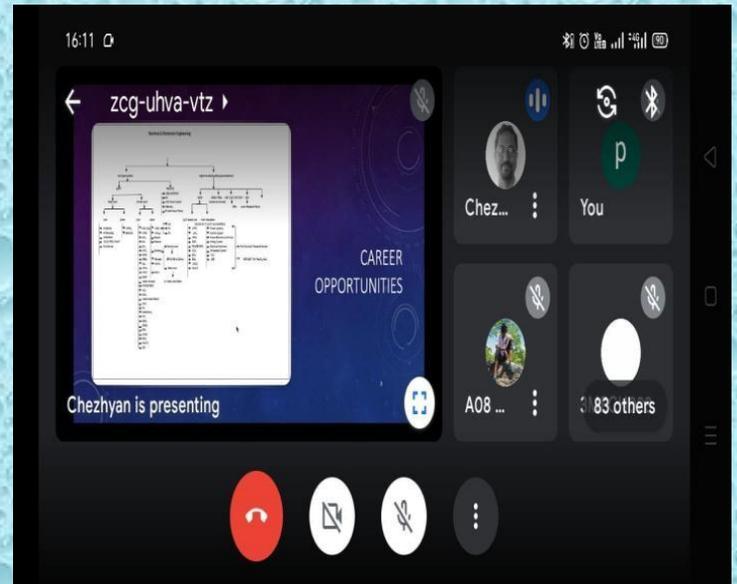
From : TPGIT, Batch - 1997, ECE
Work : Vice President, Delivery & Projects
Company : Uvik Technologies PVT LTD

We Cordially invite TPGIT students to join in our google meet

Joining info:
<https://meet.google.com/zcg-uhva-vtz>

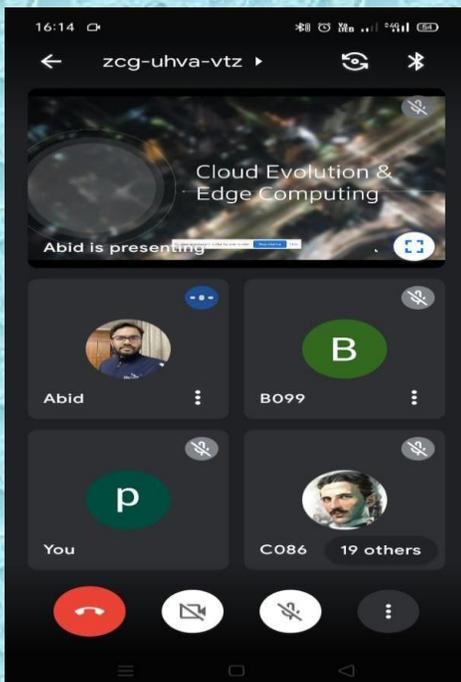
Webinar on : August 14
Saturday 4pm - 5pm(IST)





TPGIT Alumni Association wing in charge, Prof. K. Pounkumar, Civil Department, organized a webinar on the topic, Career and Personal Development, on 14.08.2021. Mr. P. Chezhyan, Vice President, Delivery & Projects, Uvik Technologies Pvt.Ltd, was the speaker. Mr.P.Chezhyan is an alumnus of our college-a 1997 batch student from ECE.

5G and Edge: - Cloud Evolution



Invitation to the webinar; a screenshot of a screen shared by the speaker.

On 28.08.2021, TPGIT Alumni Association conducted a webinar with Mr. S. Abid Ahmed, Senior Cloud Consultant, Ericsson India Global Services. The speaker gave a detailed presentation on 5G and cloud computing to our college students and patiently gave clarifications to the student participation. Mr. S Abid Ahmed is an alumnus of our college-a 1997 student from ECE.



**THANTHAI PERIYAR GOVERNMENT
INSTITUTE OF TECHNOLOGY
VELLORE-02**

TPGIT ALUMNI ASSOCIATION

SPEAKER
Mr. S. Abid Ahmed

TOPIC
5G and edge : Cloud evolution

From : TPGIT, Batch - 1997, ECE
Work : Senior cloud consultant
Company : Ericsson India global services

We Cordially invite TPGIT students to join in our google meet

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Webinar on : 28th August
Saturday 4pm - 5pm(IST)




Five Day Online Faculty Development Programme on "Advancement in Futuristic Energy Devices"

 **GOVERNMENT COLLEGE OF TECHNOLOGY
COIMBATORE** 

FACULTY TRAINING CENTRE

&

**THANTHAI PERIYAR GOVERNMENT INSTITUTE
OF TECHNOLOGY, VELLORE**

Cordially invite your presence in inauguration of
Tamil Nadu State Government Sponsored
Five day online Faculty Development Programme on
"ADVANCEMENT IN FUTURISTIC ENERGY DEVICES"

Duration: 20-09-2021 to 24-09-2021

In the presence of

Dr. P. Thamarai Patron & Principal, GCT	Dr. M. Arularasu Principal, TPGIT
Dr. T. Purusothaman Professor / FTC	Dr. J. Sreerambabu Vice Principal, TPGIT
Date: 20-09-2021	Dr. N. Kalaivasan Course Coordinator
Time: 09:30 AM	Prof. & Head / Chemistry
Platform: Google Meet	

Preethi

AGENDA

- Welcome address** : Dr. N. Kalaivasan
Programme brief Prof. & Head / Chemistry, TPGIT
- About FTC** : Dr. T. Purusothaman
Professor / FTC
- Presidential Address** : Dr. P. Thamarai
Patron & Principal / GCT
- Felicitation Address** : Dr. J. Sreerambabu
Vice Principal / TPGIT
- Inaugural Address** : Dr. M. Arularasu
Principal / TPGIT
- Vote of Thanks** : Mr. C. Raveendiran
Asst. Prof. / Chemistry, TPGIT





Thanthai Periyar Government Institute of Technology, Vellore, and Government College of Technology, Coimbatore, jointly organized a one-week faculty development programme on “Advancement in Futuristic Energy Device” from 20.09.2021 to 24.09.2021. The five-day programme was sponsored by Tamil Nadu State Government. The training programme was inaugurated by Dr.Arularasu, Principal, TPGIT, and Dr. P. Thamarai, Principal, GCT, Coimbatore-Patron of the one-week FDP delivered the Presidential address. Dr.J. Sreerambabu, Vice-Principal, TPGIT, gave the felicitation address. Dr. N. Kalaivasan, HoD/Chemistry gave the welcome address. Faculty members of both Engineering and Arts and Science College from across Tamil Nadu participated in the FDP and were honored with certification at the successful completion of the programme.

Internal Complaints Committee: -

Our college has constituted an exclusive women sexual harassment grievances redressal committee to swiftly and effective deal with issue of sexual complaints of female staff members and students in the college premises. The committee is headed by Dr. Rahila Bilal, HoD/ECE. Mr. T.A. Md. Akbarbasha, B.Com., B.L., (Advocate), and Dr. C.P. Dheasi, Vellore District Adi-diravidar and Tribal Welfare member.

தொழில் நுட்பக் கல்வித்துறை

அனுப்புநர்: குதல்வர் தந்தை பெரியார் அரசினர் பொறியியல் கல்லூரி, வேலூர்-632 002.

பெறுநர்: மாவட்ட ஆட்சித் தலைவர் மாவட்ட ஆட்சியர் ஆலுவலகம் வேலூர்-632 009.

கடித எண்:1679/பி/2021, நாள்:06-09-2021

அம்மைபீர்,

பொருள்: நிர்வாகம் - தந்தை பெரியார் அரசு பொறியியல் கல்லூரி, வேலூர்- பெண்களுக்கு எதிரான பாலியல் வன்கொடுமை தடுப்பு சட்டம் (2013)ன் கீழ் - உள் புகார் குழு (ICC) அமைத்தது- தெரிவித்தல் - தொடர்பாக.

பார்வை: வேலூர் மாவட்ட ஆட்சியர் அவர்களின் செயல்முறை ஆணை எண்:5457/இ/2015, நாள்:02.08.2021.

பார்வையில் காணும் செயல்முறை ஆணையின்படி, இக்கல்லூரியில் பெண்களுக்கு எதிராக நிகழும் பாலியல் ரீதியான தொல்லைகள் குறித்த புகார்கள் விசாரிக்க உள்ள குழு (Internal Complaints Committee) கீழ்க்கண்டவாறு அமைக்கப்பட்டுள்ளது எனத் தெரிவித்துக் கொள்ளப்படுகிறது.

வ.எண்.	உறுப்பினர்கள்
1	தலைமை அதிகாரி (உயர் பெண் அதிகாரி)
2	உறுப்பினர் (ஆண்)
3	உறுப்பினர் (ஆண்)
4	உறுப்பினர் (ஆண்)

1. முனைவர் ராஜ்விவா சீவால், பேராசிரியர்/மின்னணு (ம) தொடர்பியல் துறை

2. திருமதி ப.லதா, பொருளாளர்

3. T.A.MD.AKBARBASHA, B.com. B.L. Advocate

4. முனைவர் C.P தேசி M.A /Ph.D வேலூர் மாவட்ட ஆதிதிராவிடர் மற்றும் பழங்குடியினர் குழு உறுப்பினர்.

14.09/6.9.21
குதல்வருக்காக

நகல்:

1. மேற்படி அதிகாரி மற்றும் உறுப்பினர்கள்
2. குதல்வரின் மேலாட்சிக்கு
3. அனைத்து துறைத் தலைவர்கள்
4. மு.நே.உ./பொருளாளர்/கண்காணிப்பாளர்(நி/க)
5. பி1 இடுக்கை கோப்பு

STUDENT CORNER

19 Laws And Rights Every Indian Citizen Must Know

1. **Motor Vehicle Act 1988, section -185, 202:** - On the time of driving in case your 100ml. blood contains more than 30mg. of alcohol then the police can arrest you with no warrant.
2. **Criminal Procedure Code, Section 46:** - No lady can't be arrested earlier than 6 A.M. and after 6 P.M
3. **Indian Penal Code, 166 A:** - A Police officer can't refuse to lodge an FIR if he/she does in order that they may very well be jailed for as much as 6 months to 1 yr.
4. **Indian Sarais Act, 1887:** - Even any 5-star hotel can't prohibit you from drinking potable water and utilizing its washrooms.
5. **Motor Vehicle Act, 1988:** - As per Part 129 of the Indian Motor Automobile Act, sporting the helmet is a should for two-wheeler riders. Part 128 of this Motor Automobile Act limits the utmost two riders on the bikes. This legislation additionally says that if the site visitors police officer snatches the important thing from the automobile or motorbike, it's unlawful. You may have the complete proper to launch a Authorized continuing towards the officer.
6. **Home Violence Act, 2005:** - If a younger boy and a lady wish to stay collectively in a "live-in relationship", they will achieve this as a result of it isn't unlawful. Even the new child from this relationship can also be a authorized son or daughter and this new child have the complete proper within the property of his/her father.
7. **Police Act, 1861:** - A police officer is at all times on obligation whether or not he/she sporting a uniform or not. If an individual makes a criticism to the officer, he/she couldn't say that he can't assist the sufferer as a result of he/she is just not on obligation.
8. **Maternity Profit Act, 1961:** - No firm can fire place a pregnant lady. It could be punishable by a most of 3 years of imprisonment. If the corporate (Authorities or non-public) has greater than 10 workers then the pregnant ladies worker is eligible to get 84 days paid maternity go away.
9. **Earnings Tax Act, 1961:** - Within the case of tax violations, the tax assortment officer has the ability to arrest you however earlier than arresting you, he/she should ship a discover to you. Solely Tax Commissioner decides how lengthy you'll keep within the custody.
10. **Hindu Marriage Act, Part -13:** As per the Hindu Marriage Act, 1955 (any husband or spouse) could apply for divorce within the court docket on the idea of Adultery (bodily relationship exterior of marriage), bodily and psychological abuse, impotency, to go away residence without info, to alter Hindu faith and undertake different faith, madness, incurable illness and no details about husband or spouse for seven-year.
11. **Code of Legal Process, 1973:** - Solely ladies police constable can arrest ladies. Male constable doesn't have the best to arrest ladies. Ladies have the best to disclaim going to police stations after the 6 P.M. and earlier than the 6 A.M. Within the case of a severe crime solely after receipt of the written order from the Justice of the Peace, a male policeman can arrest a lady.
12. **As per the Citizen Constitution (Indian Oil Company web site):**- There are only a few individuals who know that if their fuel cylinder blasts through the cooking of meals then the fuel company is liable to pay Rs. 50 lakh to the sufferer as compensation. To say this compensation shoppers must lodge an FIR to the closest police station and submit it to the involved fuel company.
13. **Automotive (Modification) Invoice, 2016:** - In case you are fined for against the law (like driving with no helmet or some other cause) then you'll not be fined for a similar cause in the identical day.
14. **Most Retail Value Act, 2014:** - Any Store keeper can't cost greater than the printed value of any commodity however a shopper has the best to discount for lower than the printed value of a commodity.
15. **Limitation Act, 1963:** - In case your workplace doesn't pay you then you might have the ability to file an FIR towards it inside 3 years. However, for those who report after 3 years, you'll not get something for the due.
16. **Part 294 of the Indian Penal Code:** - In case you are discovered concerned in "obscene exercise" at a public place, you will be imprisoned for 3 months. However, within the absence of a precise definition of obscene exercise police have at all times misused this act.
17. **Hindu Adoption and Upkeep Act, 1956:** - If any individual belongs to the Hindu faith and has a son or grandson then he can't undertake a second youngster. There should be a niche of a minimum of 21 years between you (the adopter) and your adopted son.

18. **Delhi Hire Management Act, 1958, Part 14:** - In case you are residing in Delhi then your landlord doesn't have the best to forcefully vacate your own home without giving prior notice to you.
19. **Indian Farmers Law 2020:** The Indian Farm Laws 2020 advert to the Farmer bills passed by the Lok Sabha on 17 September 2020 and by the Rajya Sabha on 20 September 2020. The bills, all in all, try to furnish ranchers with various advertising channels and give a lawful structure to ranchers to go into pre-masterminded contracts in addition to other things. The President of India, Ram Nath Kovind gave his consent for the three bills on 27 September 2020. Did you find apk for android? You can find new Free Android Games and apps.

Priyanka S, CSE dept. (II year)

Basic First aid procedures everyone must know:

- PRIYANKA S (CSE III YEAR)

Anaphylaxis or anaphylactic shock: A severe allergic reaction that can be caused by insect stings or food allergens. Due to the rapid adverse reaction, the affected person might face breathing difficulties. You need to call the ambulance immediately in such a case. If the person carries any sort of medication, you can administer the medication or help them to take it.

Heavy bleeding: Try to prevent further blood loss by applying and maintaining pressure to the wound. Use disposable gloves to reduce any chance of infection. If there is any object embedded in the wound, try not to put pressure on the object. Use a clean dressing to bandage the wound. Dial the emergency helpline for an ambulance as soon as possible.

Choking: If the airway of the casualty is partially blocked, the person might be able to get rid of the blockage coughing or spitting. In case of severe choking, you need to have different approaches for adults, children under the age of 1 and pregnant women.

Drowning: If the casualty isn't breathing, open the airway and give 5 initial rescue breaths before initializing CPR. If the casualty is unconscious but breathing, you can place them into the recovery position. Don't put yourself in a risky position under any circumstances.

Electric shock: Switch off the electrical current at the mains to disengage the person from the electrical supply. You shouldn't go near the person until the power supply is switched off. Call the emergency helpline if the person isn't breathing after the disengagement.

Fractures: If the injured person is bleeding heavily, concentrate on the bleeding first. In cases of severe pain, call an ambulance and don't move the casualty.

Heart attack: It is one of the most common life-threatening conditions in India. Call the emergency helpline and move the victim into a comfortable sitting position.

Poisoning: When a person swallows toxic substances or takes an overdose of prescribed medicine, poisoning happens. Alcohol poisoning and other forms of wild plant consumption could lead to life-threatening situations. You need to call 999 to get immediate medical help. CPR should be performed in the casualty becomes unconscious. Mouth-to-mouth resuscitation is not advisable as the victim's mouth or airway might be contaminated.

Shock: Signs of shock could be visible in cases of serious injuries or illnesses. It's a life-threatening condition as the circulatory systems fail to supply oxygenated blood to the vital organs of the body. You should seek medical help immediately and treat the symptoms as much as possible.

Stroke: Use the FAST guide for people who appear to have a stroke. The treatment should start as quickly as possible. You should ask for emergency medical help straight away. The FAST guide stands for the following aspects:

Face - The face drops to one side. The person may be incapable of smiling. The mouth or eye may drop too.

Arms - Inability to lift both arms or one arm due to numbness or weakness.

Speech - The speech of the patient may be garbled.

Time - Dial 100 immediately as soon as you notice any of the symptoms stated above.

One step for saving lives!!

Communication Faster Than the Speed of Light!

“Nothing in science has any value to society if it is not communicated “. - Anneroe

From ancient pigeon to today's copper and fiber optic, communication is an important aspect of human life. In today's world, Internet speed is an important determinant for information transfer. Do you know the fastest speed of internet on earth? It's 178Tbpsat University College of London. But as science advances, so does technology. By the science of quantum mechanics, information from one place to another can be transferred faster than the speed of light.

In Layman terms Quantum Entanglement is the name given to a special connection between pairs or groups of quantum system or any objects (sayelectron) described by quantum mechanics. Electron sexists in a doublet state (i.e. spinning clockwise and counter clockwise simultaneously) when they are not observed. Whereasthey exist in a singlet state (i.e., spinning either clockwise or counter clockwise) when observed. This is known as the “Quantum zeno effect “.

Let's say, two electrons are quantum Entangled and are separated by a distance. When an Electron at one end is observed, it causes it to shift from doublet state to a singlet state (Let's sayto $+1/2$ spin). The Electron at the other end immediately shifts to a single state (which is observed as $-1/2$ spin). The speed at which the information (about the quantum spin) transferred between Electrons is faster than the speed of light.

This however violated Einstein's theory of special relativity and he called it “spooky action of distance“. He along with Podolsky and rosen proposed a paradox called "EPR paradox“. “Bell's theorem" proposed by John steward Bell however disproved EPR paradox. However this technique of quantum entanglement could be used for transfer of information “faster than the speed of light“ i.e., send information into the past. Just imagine a message send by you on 10.00am reaches your friend by 8.00am on the same day!

By T. Nisha Jasmine B.E Civil (first year)

Poetry Corner

Corona Virus

Corona virus, the worst disease, Hide in your homes, if you please. A disease killing lives and spreading negative vibes, Symptoms like fever making us weak, Doctor's help, we need to seek. Started in north, now, the world is sick, Let us unite and find a cure, quick. You will have fever as I told, you will get headache and a cold. Following up, then comes cough, getting rid of, is now quite tough. You will get problems of respiration, Now, we all need prevention. Muscle pain can come too. Let us build immunity, me and you. Wash your hands with some soap, we'll fight the virus, that's the hope. Sneeze and cough into a tissue, Let's take some steps to tackle this issue. Don't go to crowded places, don't be one of those thousand cases, visit a doctor if you need care, Now, just make others, all aware.

-- Hemamalini, III ECE-A

கண்மணிகாக

நான் அட்டியதை புரியாமல் புன்னகைத்தாய்
என் கோபம் உடைந்து திகைத்தேன்!!
உன் மென்மையான கைகளால் அழைத்தாய்
என்னையே முழுவதுமாய் மறந்தேன்!!
உன் ஈரம் காயா உதடுகள் என்னை முத்தமிட்டது..
உன் புன்னகையை எனக்கு பரிசளித்தும்
என்றும் மகிழ்ச்சி குறையா உன் இதழ்கள்!!
என் அழகு கண்மணியே!!
நீ தூங்கும் அழகை பார்க்க
நான் தூங்காமல் கண்விழிப்பேன்!!
உன் அழு குரல் என்னை வருத்தினாலும்
அதிலும் உன் அழகை ரசித்தேன் என் கண்மணியே.
உன்னை கொஞ்சி தீர்க்க மொழிகள் தான் போதுமோ?
உன் மழலை மொழி கற்க பாடம் தான் வேண்டுமோ?
உன் அழகை ரசிக்க என் இருவிழிகள் தான் போதுமோ?
-என் கண்மணியே!!

- M. Megasri, II CSE

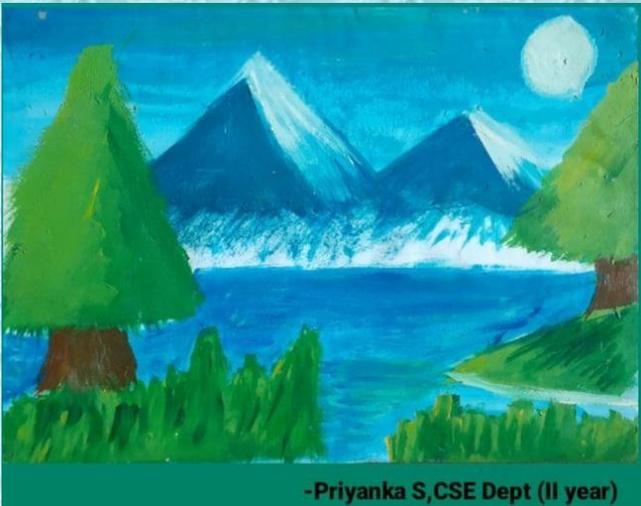
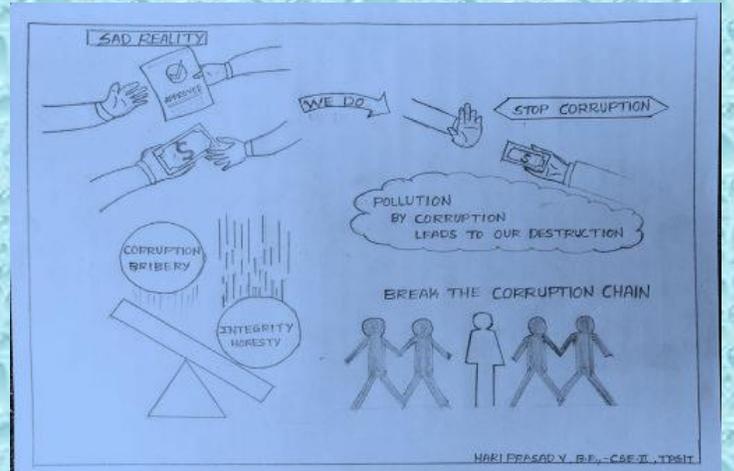
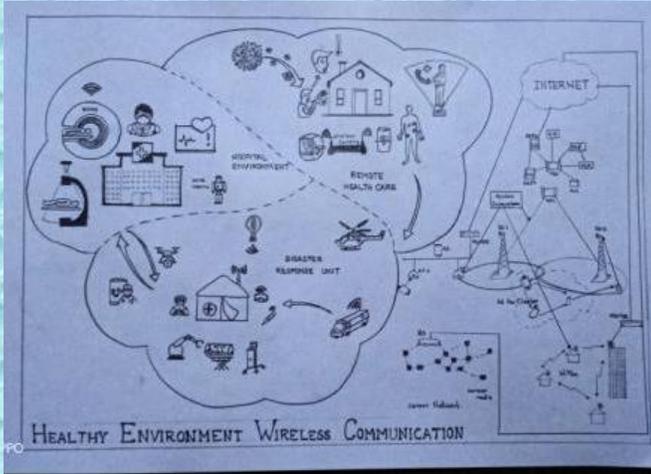
தாய்

உடலுக்கு உயிர் கொடுத்தாய்
உயிருக்கு உறவு கொடுத்தாய்

உறவுக்கு உணர்வு கொடுத்தாய்
மழலைக்கு மனதை கொடுத்தாய்
வாழ்க்கைக்கு வண்ணம் கொடுத்தாய்
துக்கத்தில் மடி கொடுத்தாய்
துக்கத்தில் கண் துடைத்தாய்
தோல்வியில் தோள் கொடுத்தாய்
முயற்சிக்கு கை கொடுத்தாய்
வெற்றிக்கு வழி அமைத்தாய்
வாழ்விற்கு ஒளி கொடுத்தாய்
உன் வாழ்க்கையே கொடுத்தாய்
நி தானே தாய் !

- S. Sivasankari, II CSE

DRAWINGS



THANK YOU ALL