

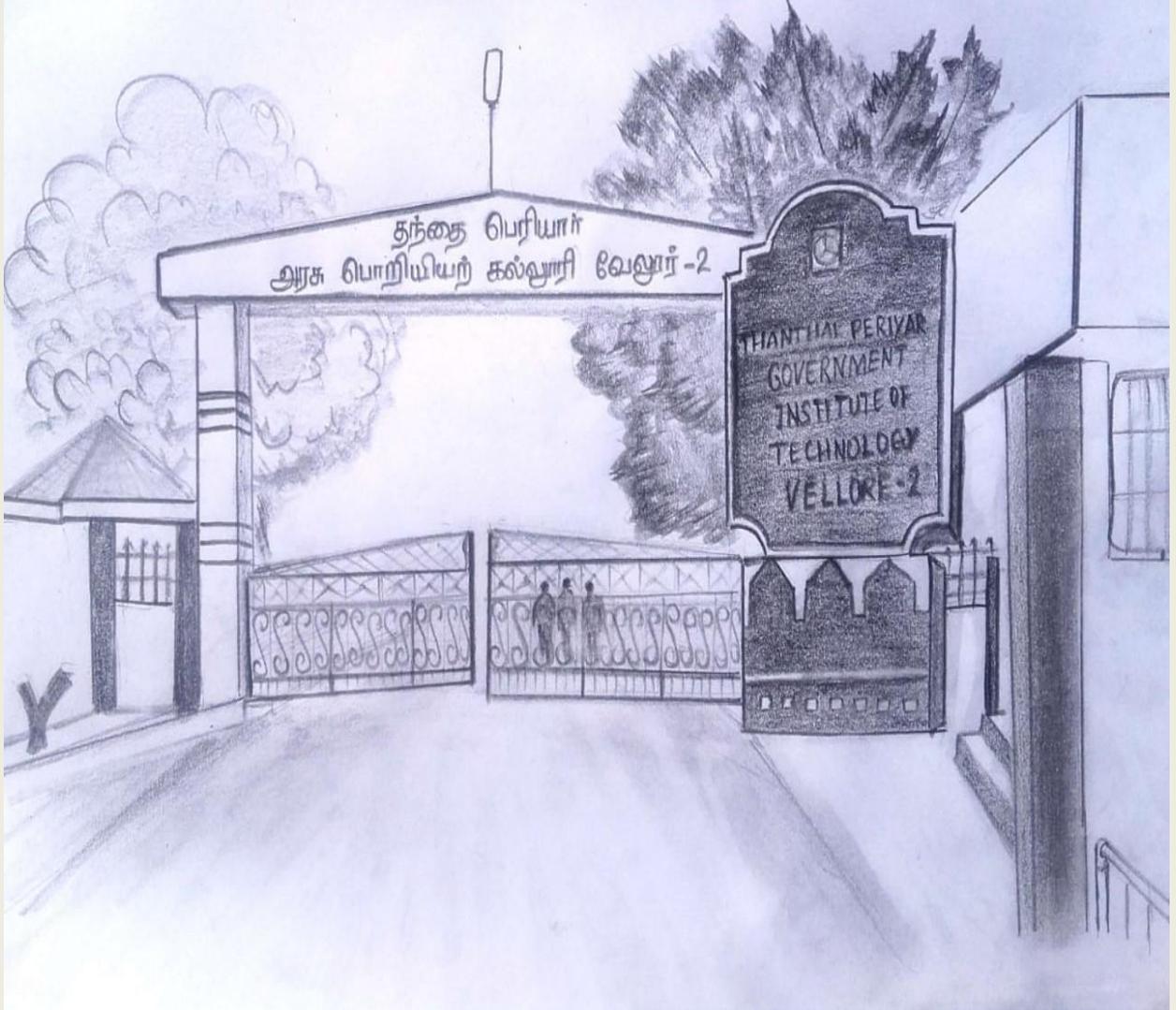


**THANTHAI PERIYAR
GOVERNMENT INSTITUTE OF TECHNOLOGY**

Vellore-632002

NEWSLETTER

January-2020



Editorial Board-TPGIT

Principal's Desk!

At the outset, I wish and extend my sincere New Year greeting to faculty members both teaching and non-teaching, and dear student community. It's sure that the New Year, 2020, will be happy and prosperous one for all stakeholders and our institution in particular.

I would like to note that the newsletter work will resume its work to bring out the issue every month. And it is highly expected that the students and staff members as was before will contribute immensely to the issue by their research, innovative, creative works and use this platform largely. It is very sure that the newsletter work will be resumed with new vigor and form.

To provide a platform for students to bring out their hidden talent and their views on society and issues concerning it, it has been decided to launch a debating session every week, preferably every Wednesday, under TPGIT Debating Society. The highlight of the debating society is that both students and staff members can take part in it and put forth their views. In addition to the society, the college also decided to conduct a fine arts competition every month for the students.

I am very pleased to extend the New Year greeting and wishes to all stakeholders, Happy New Year 2020.

KAVALAN SOS APP



KavalanSoS App, a unique app meant only women and elderly persons in the State, was launched and introduced to our students at TPGIT. The digital app is a great initiative through which girl students, women, and elderly people can seek the police assistance instantly in situations such as kidnapping, abduction, stalking or any suspicious incidents or behaviour threatening their safety.

The app introductory ceremony to our college girl students was held at Media Centre and was introduced by Superintendent of Police, Vellore district in the presence of Dr. Rahila Bilal, Principal-in-Charge and Head, Department of ECE, TPGIT. Heads of the Departments, senior professors, staff members and girls students were largely present during the launching of the App.

YRC CENTENARY CELEBRATION



Dr. Rahila Bilal during inauguration of the competition; students taking part in the drawing competition.

YRC wing of our college held a drawing competition for our college in ECE Seminar Hall as part of YRC Centenary Celebrations. The competition was inaugurated by our college Vice-Principal Dr. Rahila Bilal and around 30 students took part in the

competition. The competition was organised by our college YRC Programme Officer Prof.B. SenthilMurugan. The winners were honoured with prizes and certificates.

PONGAL CELEBRATION



Pongal is also referred to as Thai-pongal is a multiday harvest festival of South India, particularly in Tamil Nadu. It was celebrated in our college on 11.01.2020 and our Principal Dr. V. Kumar presided over the function.

The Pongal celebration was organized by Prof.P.Vijayalakshmi, in charge of TPGIT Tamil Mandram, of Mechanical Department. HoDs, Professors, non-teaching staff and lots of our students participated and shared their views and memories of the harvest festival regarding pongal. As part of the celebrations, the Tamilmandramorganised and conducted cultural events and competitions for the students like rangolicompetition,pot-breaking, essay writing, confabulate, tug-of-war.

Pongal Celebrations and Competitions

1.Essay Writing:

*I Prize-N.Kaviya II yr Civil

*II Prize-G.Asha III yr Civil

2.Drawing

*I Prize-K.Priya II yr Mechanical

*II Prize-V.Ganesh III yr Mechanical

3.Kolam

*I Prize-IV yr ECE

*II Prize-III yr Mechanical

PLACEMENT TRAINING



Our students during the training session; the resource person interacting with the students.

Placement training for our student was organized by Titan and Mahindra team and trained our college students of third year and final year of all the departments. This program was conducted for 3 days on Jan 20, 21, 22 and they were taught life skills, aptitude skills, personality development and soft skills all these things benefited the students of TPGIT. A lot of games were conducted to increase the level of concentration of students.

BLOOD DONATION CAMP





Our principal being honoured by hospital official; YRC Programme Officer Prof.B. SenthilMurugan, and other professors during overseeing the camp; Prof. M. TamilSelvan during the blood donation camp; a student volunteer honoured with certificate.

YRC Wing of TPGIT conducted a blood donation camp in collaboration with SriNarayani Hospital and Research Centre, Vellore, in our college as part of the Centenary Celebration of YRC on 22nd January, 2020. Prof. B. SenthilMurugan, YRC Programme Officer organised the camp and Dr.Rahila Bilal, Principal-in-Charge of TGPIT, launched the camp. Staff members, YRC volunteers, students largely participated in the blood donation camp.

SPEED MATHS TRICKS AND TECHNIQUES



“Without water the world doesn’t exist similarly

Without numbers there is no world”

To ensure the awareness of math concepts Mr. Vimalraj and his team member from Time Institute came to TPGIT and they taught some speed math tricks and techniques which will help to crack competitive exams like Bank, SSC and others. The class was held on 23rd January in ECE seminar hall. It enhances the students thinking and analyzing skills in different fields.

VOTERS’ DAY PLEDGE



Our college administration organised Voters' pledge for the students to mark the National Voters Day. Principal Dr. V. Kumar read out the pledge to students to instill the value and importance of exercising voting in the democratic process.

REPUBLIC DAY CELEBRATION



Our college celebrated 71th Republic Day with great pride and honour on 26 January 2020. Dr. M. Tamilselvan, Principal-in-Charge, Head, Department of Physics unfurled the national flag and delivered the Republic Day address to the students. As part of the celebration the students held march past and meritorious students were honoured on the

day. HoDs, Staff members, and students have largely gathered to respect our Constitution and nation.

MOTIVATIONAL TALK



Our alumni during the talk; Students participating in the event, The guest being honoured by our Principal, Prof.E.Poukumar and Prof.M.Janani are on the dais;

Our college former student, Mr. R. Murali Krishnan, Director, InterNetwork Technology, Abu Dhabi, delivered motivational talks to our college third and final year students at Media Centre on 29th January. Our students immensely got benefited by talk and also overwhelmingly interacted with the guest of speak. Our Vice-Principal Dr.Rahila Bilal presided over the talk and honoured the alumni-speaker with memento.

ACHIEVEMENTS OF STUDENTS

PROJECT PRESENTATION IN EWB ALL INDIA MEET



Dr. P. Praveen Raj, Head, Department of Mechanical Engineering with the team of our college students who participated in the event.

Engineers Without Borders 8th All India Chapters Meet was held on 10th and 11th January 2020 at Bangalore. Teams from various states have participated in the ALL INDIA CHAPTERS MEET for Society Oriented Project. Our College has won the best presentation award in ALL INDIA LEVEL. Nearly 30 participants from our college took part along with the project coordinator Dr.P.Praveen Raj and presented their projects.

STUDENTS' PLACEMENT IN CAMPUS INTERVIEW

Department of Electronics and Communication Engineering



Satish Kumar



Bhuvanesh



Dilip

VLSI Based Company **Cerium Systems**, Bangalore, held a campus recruitment programme in our college and selected Dilip of IV BE Electronics and Communication Engineering.

VVDN Technologies made campus recruitment visit to our college and selected S. Satish Kumar as Engineer(intern) and K. Bhuvanesh through the recruitment.

Department of Mechanical Engineering

A campus recruitment drive was held in our college by Veta India Pvt. Ltd, on 31.01.2020. Students from final year Mechanical Engineering mainly participated in the recruitment programme and 12 students emerged successful in the campus. The details of the students are given below.

Sl.No	Register Number	Name
1	513116114002	AJHAY KRISHNA K S
2	513116114005	ARJUN U
3	513116114011	BALUMAHENDIRAN D
4	513116114025	GOKULNATH R
5	513116114060	NITHIN SELVAM M
6	513116114073	SANDHANA PANDI A
7	513116114082	SIVA T
8	513116114084	SUBARAJ T
9	513116114089	TAMILSELVAN M
10	513116114088	TAMILSELVAN A
11	513116114301	ANANDARAJ S
12	513116114308	MANIGANDAN S

SPORTS CORNER



Divya.R of 1st year Mechanical department has participated in All India Inter-University Karate Championship for men and women. She was selected to the next level of the competition. Overall 125 universities participated which was held on 7 to 9 January, 2020 in Coimbatore Institute of Technology, the Anna university inter-zonal karate selection trial and she won 1st place in Kata.

STUDENTS' CORNER

MATHS TRICKS

1. Multiply a number by 9

Eg: 83×9

$83 \times (10 - 1)$

$830 - 83$

747.

Eg: 2474×99

$2474 \times (100 - 1)$

$247400 - 2474$

244926.

2. Multiply a number by 11

Eg: 32×11 3 2

3 2

3 5 2

3. Squaring any two digit number ending with 5:

Eg: $(25)^2 = (2 \times 3)25 = 625$ 4. Square of a numbers:

Eg: $(101)^2$

Base=101

The number 101 is , 1 more than 100

Square of 1 =01(last two digits)

Now, $101+1=102$

So $(101)^2=10201$.

4. Multiply 2 different two digit numbers:

Eg: Step1: $13*12=3*2=6$

Step 2: $1*1=1$

Step 3: $1\ 3\quad 1*2+1*3=5$ (cross multiplication)

1 2

So 156.....

C.Senthamarai

II-B.E.CIVIL

WATER CRISIS

Walking up with screaming noises of horns!

I blinked my eyes, it's a lorry;

Gangs of people fought with the most powerful weapons

I couldn't stop because they are women power:

But, it's not the problem for them,

It's for u,forme,forus,for the nation!

Stupid children suffer a lot,

Public lavatory stuffs off,Congrats!Doing their own duties.

Hand pumps are useless;

Rain says bow bow!

Bore wells are bored up to serve us.

Now we have to save our hands to be united,

Not of racialism, casteism, regionalism?

Save us, save water!

Deepan Shankar, *Third Year Civil*

Blue Carbon

Blue carbon is the carbon captured by the world's coastal ocean eco-systems, mostly mangroves, salt marshes, sea grasses and potentially macro algae.

Historically the ocean and terrestrial forests eco-systems have the major natural carbon sink. New researches on the role of vegetated coastal eco-systems have highlighted the potential as highly efficient carbon sinks and led to the term Blue Carbon.

When degraded or destroyed, these ecosystems emit the carbon they had stored for centuries in the atmosphere and oceans and become sources of greenhouse gases. Experts estimate that as much as 1.02 billion tons of carbon-dioxide being released annually from degraded coastal ecosystems which is equivalent to 19% of emissions from tropical deforestation globally. The role of Blue Carbon in climatic changes, migration and adaptation has now reached international prominence.

“No Water, No Life, No Blue, No Green”

-S. Parkavi, II BE Civil Engg.

DOPPLER GANGER:

We all know what is the difference between identical twins and fraternal twins even though fraternal twins how different DNA they are biologically related.

Whereas a doppler ganger is a non-biologically related look-alike are double off living person, sometimes portrayed as a ghostly or paranormal phenomenon and usually seen as a harbinger of bad luck. Other traditions and stories equate a doppler ganger with evil twin i.e. if one sees the other the one which sees the other will die...

Moreover Doppler Ganger is a German word literally translates to double walker or double goer. Above this a Doppler Ganger isn't someone who just resembles you, but it is an exact double, right down to the way you walk, act, talk and dress. So I think each of us might have a Doppler Ganger and if you are curious just find out.....

All the best.

V. Priyadharsini, *Second Year Civil*

Pongal Speech:

தூங்கும்புலியைபறைகொண்டுஎழுப்பினோம்தூயதமிழரைதமிழ்கொண்டுஎழுப்புவோம்தீங்குஒருபகைவன்இவனென்றுநிற்கும்செந்தமிழ்உணர்ச்சிவேல்கொண்டுபாய்ச்சுவோம்என்றபுரட்சிக்கவிஞர்பாரதிதாசனின்கவிதைகிணங்கஇங்குள்ளதமிழர்களும்இந்தமில்லிகொண்டுஎழுப்பவந்துள்ளேன்என்றுகூறிஎன்உரையைதொடங்குகின்றேன்தைதிருநாளாம்தமிழர்திருநாள்பொங்கல்தினம்என்றுஅழைப்பதைவிடதமிழர்திருநாள்என்றுஅழைப்பதேநம்அனைவருக்கும்பெருமைசேர்க்கும்இங்குள்ளதமிழர்கள்அனைவரும்சாதிவேற்றுமையைமறந்துமதம்கடந்துசாதிகடந்துஒன்றாகவழிபடும்பண்டிகையைதமிழர்திருநாள்என்றுஅழைத்ததுவேண்டும்இங்குள்ளதமிழர்மட்டுமல்லாமல்உலகில்எங்குஉள்ளதமிழரும்தனதுவேற்றுமைகளைக்கடந்துஒன்றாககொண்டாடும்இப்பண்டிகையைதமிழர்திருநாளில்வேண்டும்தமிழ்மொழிதமிழ்மொழிதமிழ்நாகரீகம்இவைஅனைத்தும்பழம்பெருமைவாய்ந்தபழம்பெருமைகளைமட்டும்பேசிபெருமைகொண்டாடும்கிழவராகநாம்மாறிவிட்டோம்தமிழ்மொழியில்உள்ளபழம்பெருமைகளைமட்டும்பேசுநான்இங்குவரவில்லைநமதுஇந்தியதலைமுறைகளின்வருங்காலகடமைகளைப்பற்றிஉரைக்கதான்நான்இங்குவந்துள்ளேன்இன்றுஉலகத்தில்அதிகமாகஉள்ளஅமெரிக்காவிடம்ஜப்பான்இடமும்ஐரோப்பாவிடம்பெருமைகள்இல்லைஆனால்அவற்றின்மொழிகளும்கலைகளும்அறிவியல்படைப்புகளும்உலகெங்கும்சென்றனதமிழ்மொழியைஉலகெங்கும்சென்றுசேர்க்கப்படம்பெருமைகள்மட்டும்போதாதுபுதியபடைப்புகள்நம்தமிழ்மொழியில்படைத்தல்வேண்டும்நமக்குஅதில்பங்குஅதிகமாகவேஉள்ளதுஅழிவில்லாமனிதன்விலங்குஅரசியல்அழிவில்லாமனிதன்அரைமனிதன்என்றகூற்றுக்கிணங்கநாம்அனைவரும்அரசியல்அறிவும்அறிவியல்அறிவுமெற்றுமுழுமனிதனாகமாறிசமுதாயத்தைமுன்னெடுத்துசெல்லவேண்டும்ஒருவனின்பிறப்புமுதல்இறப்புவரைஅரசியல்தீர்மானம்செய்கிறதுஅமைந்தால்ஞாயிறுபோற்றுதுமஞாயிறுபோற்றுதும்திங்களைப்போற்றுதும்திங்களைப்போற்றுதும்என்றபழமொழிகிறங்கசிறப்புமிக்கபொங்கல்திருநாளையிற்றப்பகுறையாமல்கொண்டாடவேண்டும்என்றுகூறிவிடைபெறுகிறேன்நன்றிவணக்கம்

Ashwin Kumar, IV Mechanical

எனது தேசம்

எனது தேசம் வீரம் விளைந்த இந்திய தேசம்
அதை காண அதிகாலையில் எழுகிறது சூரியப்பிரகாசம்
வாழ்ந்தார்கள் இங்கே ஜான்சிராணிப்போல் பலவீராங்கனைகள்
அவர்கள் வெள்ளையனை அழித்த ஆயிரம் சேனைகள்
வேறுபடலாம் இங்கே ஜாதி மதம் இனம்
ஆனால் ஒன்றுபட்டது இங்கே எங்களின் மனம்
இடத்திற்கு இடம் மாறுபடலாம் இங்கே பருவக்காலம்
ஆனாலும் ஒற்றுமை ஓடினும் எங்களின் இரத்தநாளம்
உலகின் நீர் தாகத்தை தீர்த்து வித்திடும் ஆகாயம்
அதுபோல் உலகின் பசிப்போக்கிடும் இந்நாட்டு விவசாயம்
நிலவிற்கு சந்திராயன் செவ்வாய்க்கு மங்களாயன் என பலசெயற்கைகோள்
அனுப்பி அங்கே புரிகிறது இந்தியா செங்கோல்
தாயையும் சேயையும் இணைத்து வைத்திடும் தொப்புள் கொடி
அதுபோல் நம் மக்களையும் பாரததாயையும் இணைத்திடும் தேசியக்கொடி
தன் சுவாசம் இழந்து கொடுத்தார்கள் சுதந்திர சுவாசம்
அத்தகைய தியாகிகள் கொண்டது என் இந்திய தேசம்

Surendar, First Year ECE

பொங்கல் கவிதை

பிறந்ததை தமிழ் திங்கள் தை
வாழ்த்துவோம் நாம் சேர்ந்து இதை
தை பிறந்தால் வழி பிறக்கும்,
துயர் நீங்கி யாவும் சிறக்கும்,
மகிழ்ச்சியில் மனம் பிறக்கும்,
மன சிறகை அழகாய் விரிக்கும்
போகிறான் பழமை எரிக்கும்,
யோகமாய் புதியன துளிர்க்கும்.
அரிசிமா கோலம் வைத்து,
ஆதவனை துணைக்கழைத்து,
கும்பிட்டு மஞ்சள் குழைத்து,
குலவை இட்டு நன்றி செலுத்தி,
பொங்கலோ பொங்கல் என பாடி
பரவசமாய் அனைவரும் கூடி
உறவோடு சேர்ந்து ஆடி
தொடங்குவோம் நல் வாழ்வு தேடி
உழைத்த மாட்டை பார்த்து,
உங்களில் ஒன்றாய் சேர்த்து,
மஞ்சளும் மாலையும் கோர்த்து,
வண்ணத்தால் அழகை ஏத்து
இனிப்பை சேர்த்து வைக்கும் கரும்பை போல,
இனிமை சேர்த்து வைக்கும் நெஞ்சம் வேண்டும்.

வீரம் சேர்த்து வைக்கும் காளை போல,
தீரம் சேர்த்து நிற்கும் தோள்கள் வேண்டும்.
மங்களம் தாங்கி நிற்கும் மஞ்சளை போல,
மகத்துவம் ஏத்தி நிற்கும் மனதும் வேண்டும்.
தீமை கண்டு நாழும் இங்கு பொங்கிட பொங்கல் பொங்கட்டும்!
மகிழ்ச்சி தங்கட்டும்!
புது விடியல் விடியட்டும்!
இதோடு இக்கவியும் முடியட்டும்!
அனைவருக்கும் பொங்கல் நல்வாழ்த்துக்கள்!
வணக்கம்.

Tamilarasi, III Year-MECH

சிவந்த வானம்

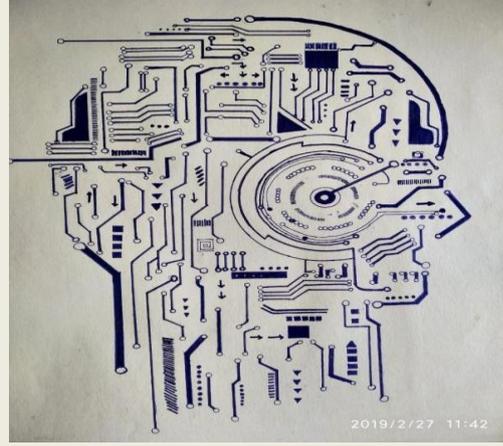
பிறர் தந்த அன்பில் சிவந்தாயோ?
அடித்ததில் சிவந்தாயோ?
வெட்கத்தில் சிவந்தாயோ?
வெள்ளி நிலா வெளிச்சத்தில் சிவந்தாயோ?
சிரித்துச் சிரித்துச் சிவந்தாயோ?
சில அறிவியல் விதிகளை படித்திருக்கிறேன்
உன் வண்ணப் பொலிவைப் பற்றி.....
அறிஞனாய் மாறுவேனோ? ஆனால்
கவிஞனாய் மாறினேன்! உன் அழகைக் கண்டு

V.madhumitha
II B.E. civil

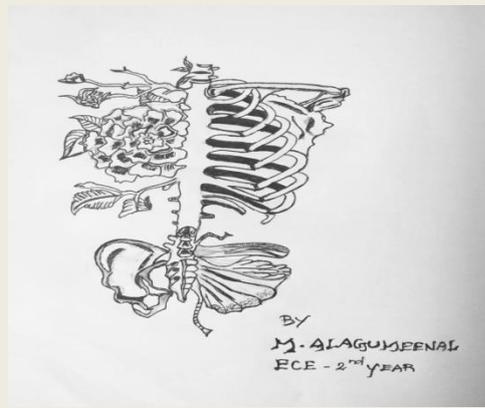
இமை இரண்டும் மூடினாலும்.....
இமைக்காத நாள்லில்லையே!!!!
விழிகள் இரண்டும் மூடினாலும்.....
விழிக்காத நாள்லில்லையே!!!!!!!
என்
இளகிய இதயம் வலித்தாலும்.....
துடிக்காத நாள்லில்லையே!!!!!!!
இதெல்லாம்....
யாருக்காக ஏன்று தெரியவில்லை...
நீ தொலைவில் இருந்தாலும்.....
உன்னை நினைக்காத நாள்லில்லையே!!!!
இதெல்லாம்...
உனக்காக உனக்காகவே என்று
புரிந்துக் கொண்டேன்.....

Kaviya
II B.E.civil

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- To offer education programmes that blend intensive technical training with appropriate guidance inculcating analytical skills and problem solving ability with high degree of professionalism.
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