SRI VENKATESWARA COLLEGE
OF
ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE
AND
ENGINEERING

E-YATRA

2018-2019

ENVISION EXPLORE EXCEL

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ABOUT

About the College

Since its inception in 1985, Sri Venkateswara College of Engineering has taken long strides and grown in stature and reputation in the province of engineering education. The College is in its 33rd year. In these thirty three years of the journey it has progressed a lot.

Learning, at SVCE, has never been limited to the classroom, learners are exposed to a variety of activities – curricular and extra-curricular – that help them to hone their skills and develop rounded personality, receive a career-focused education and earn a name for themselves and for their alma mater.

It has gained the reputation of offering exceptional engineering education as proven by the scholarly accomplishment of its students. It has also made certain remarkable contributions to engineering education.

Next:

About the Department

About The Department

The Department of Computer Science and Engineering was established in the year 1985. Over the past few years, the department has acquired national and international importance. This has been achieved by the collective and responsive effort of the faculty, the supporting staff and the students. The department is well equipped with excellent computing facilities, and has highly qualified faculty specialized in areas like Cloud Computing, Artificial Intelligence, Machine Learning, Data Analytics, Networking, Data Mining etc.

Programmes offered by the department are

- B.E. Computer Science and Engineering
- M.E. Computer Science and Engineering
- Ph.D. Computer Science and Engineering

Next:

Message from The H.O.D.

Message From the H.O.D.

I would like to express my sincere appreciation for all the tremendous efforts put forth by the Magazine team in the academic year 2018-2019. This Magazine 'E-Yatra' is a forum to expose the events, happenings, and achievements in the department as well as provide a platform to exhibit the talents of the budding engineers and the faculty as well.

It also helps in building up teamwork among the students, which is very much important in this competitive world. I hope the students can make use of this opportunity to develop their inherent talents and actively contribute the same to the magazine.

Next:

Creative Corner

E-YATRA

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WRITER'S AVENUE

"Words are a lens to focus one's mind"
-Amy Rand

In a day, thousands of thoughts cross the human brain. Some are results of voluntary thinking, and others are merely arbitrary destinations on the train of thought. To sift through these thoughts is no easy task. And that's where writing comes in. When we put words to paper, the gears shift, and something clicks. Magically, the puzzle pieces in our jigsaw minds seem to fit right in.

எப்பொருள் எத்தன்மைத் தாயினும் அப்பொருள்
மெய்ப்பொருள் காண்பது அறிவு.

Cloud a Creative – Destruction

Dr. R. Anitha, HoD-CSE

Cloud computing transforms the way information technology (IT) is consumed and managed, promising improved cost efficiencies, accelerated innovation, faster time-to-market, and the ability to scale applications on demand while the hype grew exponentially during 2008 and continued since, it is clear that there is a major shift towards the cloud computing model and that the benefits may be substantial (Gartner Hype-Cycle, 2012).

However, as the shape of the cloud computing is emerging and developing rapidly both conceptually and in reality, the legal/contractual, economic, service quality, interoperability, security and privacy issues still pose significant challenges. According to NIST 2011, Cloud computing is a model for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services).

Cloud computing is a disruptive technology that has the potential to enhance collaboration, agility, scaling, and availability and provides the opportunities for cost reduction through optimized and efficient computing. The cloud model envisages a world where components can be rapidly orchestrated, provisioned, implemented and decommissioned, and scaled up or down to provide an on-demand utility-like model of allocation and consumption.

From an architectural perspective, there is much confusion surrounding how cloud is both similar to and different from existing models of computing and how these similarities and differences impact the organizational, operational, and technological approaches to network and information security practices. There is a thin line between conventional computing and cloud computing.

However, cloud computing will impact the organizational, operational, and technological approaches to data security, network security, and information security good practice. There are many definitions today that attempt to address cloud from the perspective of academicians, architects, engineers, developers, managers, and consumers. Still IDC has specified that the cloud adoption has been reduced by 70%. This document focuses on a definition that is specifically tailored to the unique perspectives of IT network and security professionals.

Are you gambling with your business data in the cloud? All cloud providers aren't created equal when it comes to security. How do you know which to choose?

From an architectural perspective, there is much confusion surrounding how cloud is both similar to and different from existing models of computing and how these similarities and differences impact the organizational, operational, and technological approaches to network and information security practices. There is a thin line between conventional computing and cloud computing.

Cloud security reference model addresses the relationships of these classes and places them in context with their relevant security controls and concerns. The manner in which cloud services are consumed is often described relative to the location of an organization's management or security perimeter (usually defined by the presence of a known demarc). While it is still important to understand where security boundaries lie in terms of cloud computing, the notion of a well demarcated perimeter is an anachronistic concept for most organizations.

The re-perimeterization and the erosion of trust boundaries already happening in the enterprise is amplified and accelerated by cloud computing. Ubiquitous connectivity, the amorphous nature of information interchange, and the ineffectiveness of traditional static security controls which cannot deal with the dynamic nature of cloud services, all require new thinking with regard to cloud computing.

The Jericho Forum has produced a considerable amount of material on the re- perimeterization of enterprise networks, including many case studies. The deployment and consumption modalities of cloud should be thought of not only within the context of ‘internal’ versus ‘external’ as they relate to the physical location of assets, resources, and information; but also by whom they are being consumed; and who is responsible for their governance, security, and compliance with policies and standards.

This is not to suggest that the on- or off-premise location of an asset, a resource, or information does not affect the security and risk posture of an organization because they do, but to underscore that risk also depends upon: The types of assets, resources, and information being managed, Who manages them and how, Which controls are selected and how they are integrated and Compliance issues.

What is Security for Cloud Computing? Security controls in cloud computing are, for the most part, no different than security controls in any IT environment. However, because of the cloud service models employed, the operational models, and the technologies used to enable cloud services, cloud computing may present different risks to an organization than traditional IT solutions. An organization's security posture is characterized by the maturity, effectiveness, and completeness of the risk-adjusted security controls implemented.

These controls are implemented in one or more layers ranging from the facilities (physical security), to the network infrastructure (network security), to the IT systems (system security), all the way to the information and applications (application security). Additionally, controls are implemented at the people and process levels, such as separation of duties and change management, respectively. As described earlier in this document, the security responsibilities of both the provider and the consumer greatly differ between cloud service models.

Amazon's AWS EC2 infrastructure as a service offering, as an example, includes vendor responsibility for security up to the hypervisor, meaning they can only address security controls such as physical security, environmental security, and virtualization security. The consumer, in turn, is responsible for security controls that relate to the IT system (instance) including the operating system, applications, and data. The inverse is true for Salesforce.com's customer resource management (CRM) SaaS offering.

Because Salesforce.com provides the entire "stack," the provider is not only responsible for the physical and environmental security controls, but it must also address the security controls on the infrastructure, the applications, and the data. This alleviates much of the consumer's direct operational responsibility. There is currently no way for a naive consumer of cloud services to simply understand what exactly he/she is responsible for [though reading this guidance document should help], but there are efforts underway by the CSA and other bodies to define standards around cloud audit.

One of the attractions of cloud computing is the cost efficiencies afforded by economies of scale, reuse, and standardization. To bring these efficiencies to bear, cloud providers have to provide services that are flexible enough to serve the largest customer base possible, maximizing their addressable market. Unfortunately, integrating security into these solutions is often perceived as making them more rigid. Be aware of the threats for cloud applications, which include:

- Spoofing - Assuming the identity of another user
- Tampering - Modifying the data on transit
- IAG - Identity and Access Governance
- Repudiation - Denying the origin of transaction (request or response)
- Information disclosure - Unauthorized disclosure of data
- Denial of Service - Affecting the availability
- Elevation of Privilege - Assuming the role or entitlement

Thus stating “Cloud Security is Not a Game”

Finally, cloud creates wealth for those who exploit it; and leading to the demise of those that don’t.

NO, IT'S YOU!

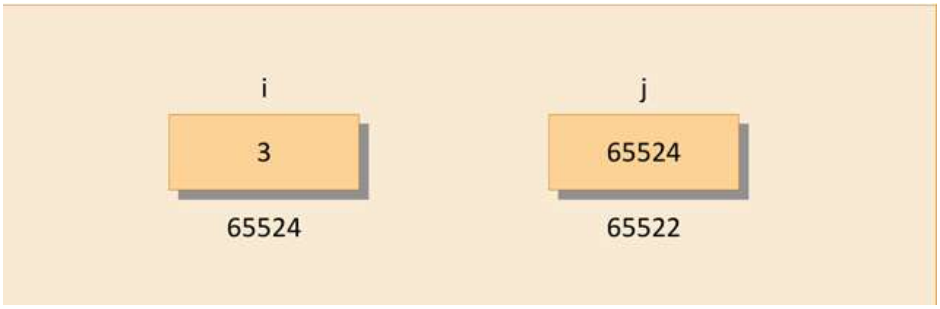
K.Karthick , CSE

We all have seen and used this meme at least once in our lifetime. It is the Spider-Man pointing meme where three Spider-Mans point at each other. In this article, we will try to see how we can convert this meme into a C++ code (sort of) using pointers.
Before diving into the code, let us first understand the basic details about pointers. Pointers are the variables that contain addresses of other variables. When we declare a variable as int *k, it means that k is going to contain an address of an integer value. We will see a small program to understand this concept.

Information

```
# include <iostream>
using namespace std;
int main( )
{
int i = 3 ;
int *j ;
j = &i ;
cout<< "Address of i =" << &i <<endl;
cout<< "Address of j = " << &j <<endl ;
cout<< "Value of j = " << j << endl;
cout<< "Value of i = "<< i << endl ;
cout<< "Value of i =" << *( &i ) << endl ;
cout<< "Value of i =" << *j << endl ;
return 0 ;
}
```

The output would be:
Address of i = 65524
Address of j = 65522
Value of j = 65524
Value of i = 3
Value of i = 3
Value of i = 3

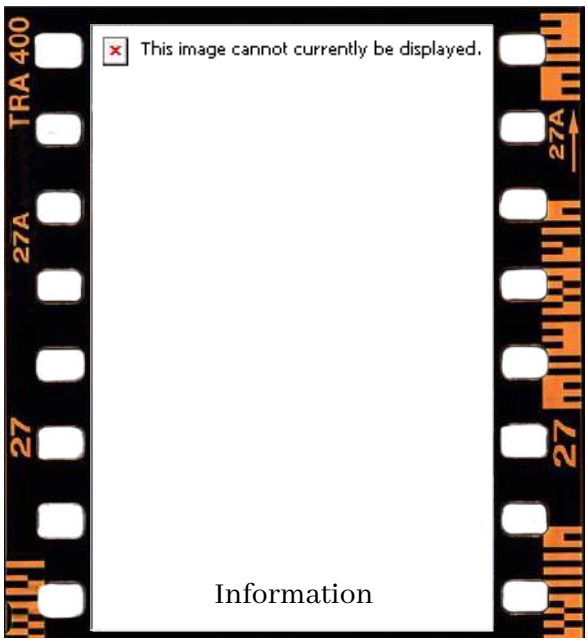


The & operator fetches the address of the variable in memory and the * operator lets us access the value present at an address in memory. We can also modify the value using the * operator.

Now here is the program:

```
#include <bits/stdc++.h>
using namespace std;

class spiderman
{
 public:
 spiderman *lefthand, *righthand;
};


int main()
{
 spiderman tobey, andrew, tom;

 tobey.lefthand = &andrew;
 tobey.righthand = &tom;
```

```
 andrew.lefthand = &tobey;
 andrew.righthand = &tom;

 tom.lefthand = &andrew;
 tom.righthand = &tobey;

 return 0;
}
```



Similar to integer pointers, here I have created a class with two data members lefthand and righthand. These pointers can point to other objects of the same class as I have declared it as spiderman *.
These pointers also have other benefits in addition to helping us turn memes into programs:

•They provide great support in dynamic memory management as it provides direct access to the memory.
•They make the programs more efficient by keeping them simple and short.
•They can also be used to return multiple values from a function by using the call-by-address method.
•They also reduce the execution time of the program.
•They help us to create data structures like stacks, lists, trees, etc..

Thank you for reading this article. I hope you found this article interesting and educational. Be curious!

SOFTWARE FREEDOM DAY (SFD)

Pooja T, CSE

"Free Software is a matter of liberty, not price"

Information

Free and Open-Source Software (FOSS) is a software that respects our freedom to run the program, study how the program works, access, modify and share the source code by making its source code open to the public. Some of the examples of FOSS are Linux, Android, MySQL, Pearl, PHP, Python, Open Office and so on.

Free and Open-Source Software (FOSS) is a software that respects our freedom to run the program, study how the program works, access, modify and share the source code by making its source code open to the public. Some of the examples of FOSS are Linux, Android, MySQL, Pearl, PHP, Python, Open Office and so on.

Various events such as conferences, workshops, games, discussions and quiz are organized by the local SFD teams around the world. SFD has its own official website (www.softwarefreedomday.org). The local SFD teams should be registered in the SFD website. Raising awareness of free software is essential. Let us all use and spread awareness on Free and Open-Source Software and unbind ourselves from the chains of Software subjugation.

“To be able to choose between proprietary software packages is to be able to choose your master. Freedom means not having a master. And in the area of computing, freedom means not using proprietary software.” – Richard M. Stallman, an American free software movement activist and programmer.

“We Always Leave Something Behind”

An Insight into waste disposal methodology

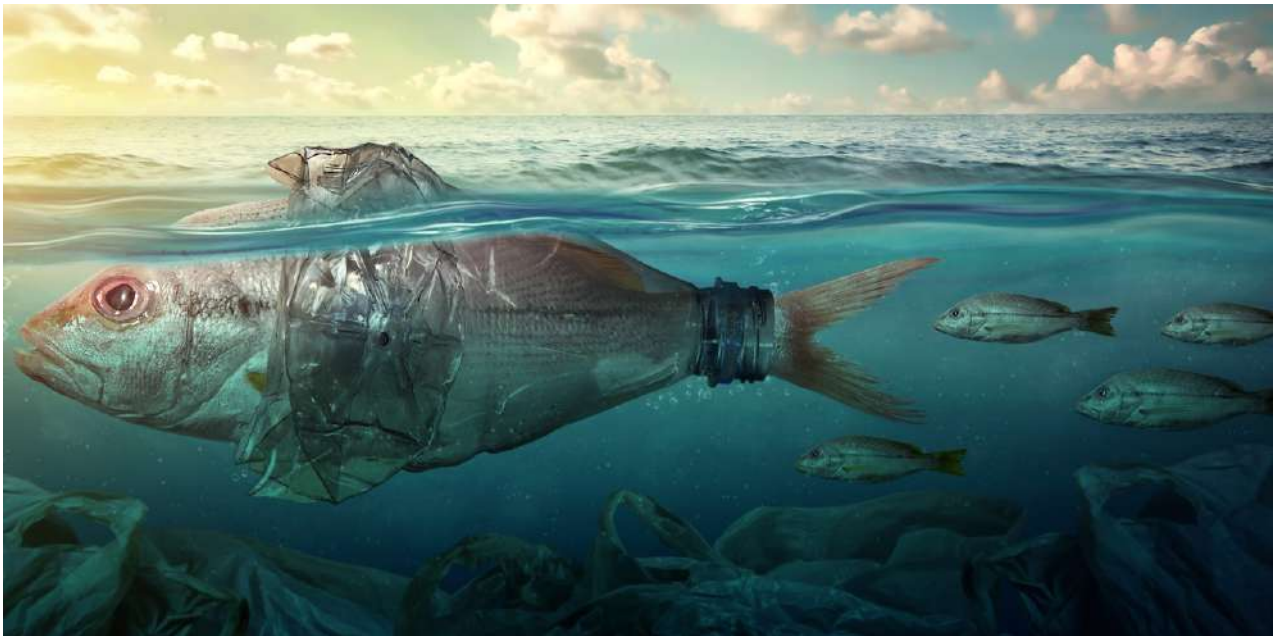
Neha Bhende, CSE

The human race is said to be the most intellectually advanced species. Being knighted with such an esteemed title has done nothing but encourage us to abuse this position.

All forms of research and innovation require resources to do so. Like forensic evidence, as we move forward to a technologically advanced world we are either taking away something valuable, or leaving something poisonous behind.

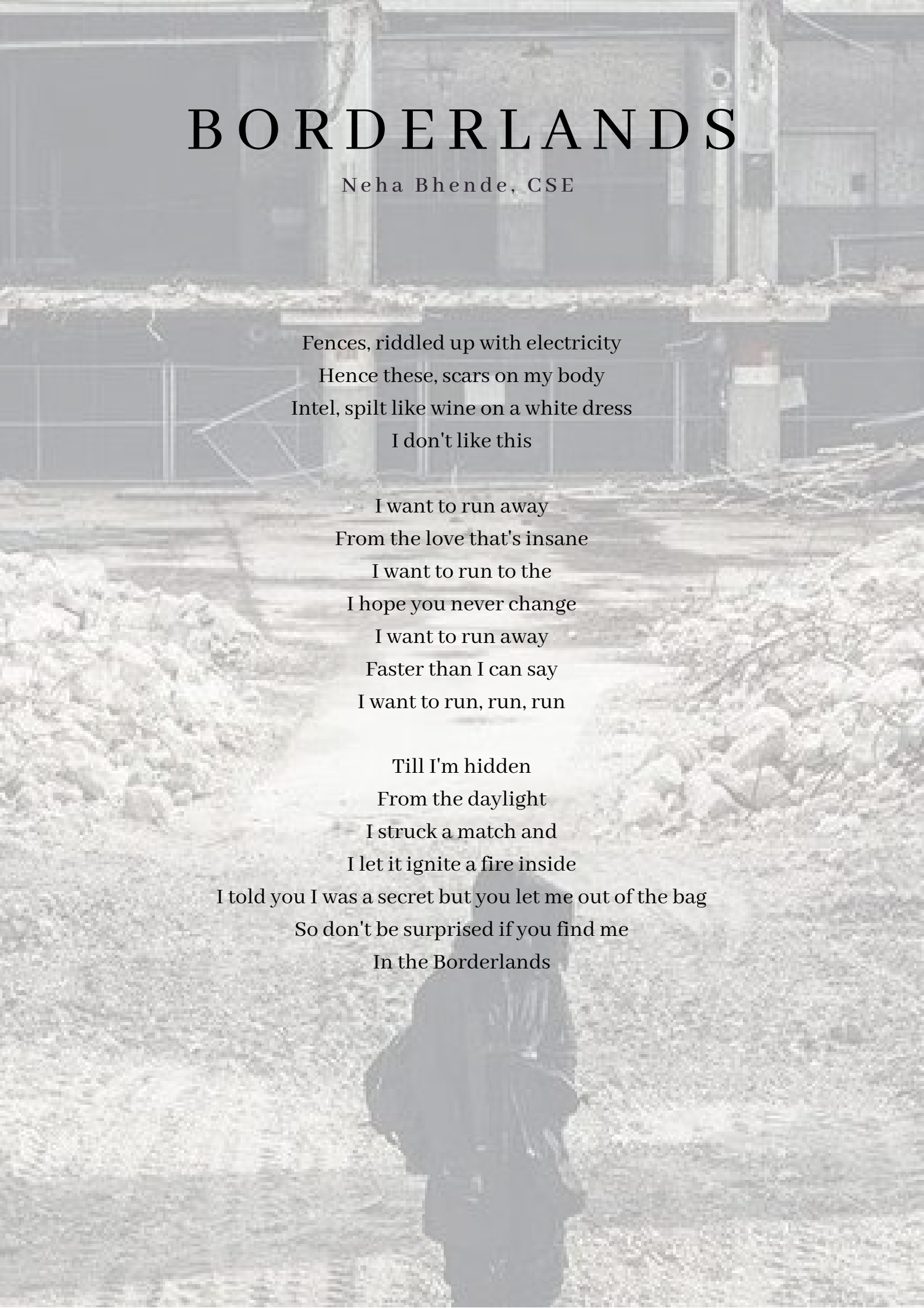
Waste disposal is one of the leading environmental risks. Irresponsible dumping of waste in non-human inhabited lands has been proved multiple times to be fatal to other living organisms. Over 90% of the total plastic waste generated is left un-recycled. Further, lethal metals like lead present in batteries and CFC's from refrigeration waste are all well combined with the other garbage. Unaware of just how dangerous these are, animals consider this as a part of their food and consume this with no other options available.

When animals ingest plastic waste, it causes a blockage in their digestive tracts, thereby causing them to starve. Moreover, it is known to cause stomach ulcerations, stunted growth and premature death. Ingested chemicals increase in saturation as they move up the food chain making it increasingly harmful to the apex predators.



BORDERLANDS

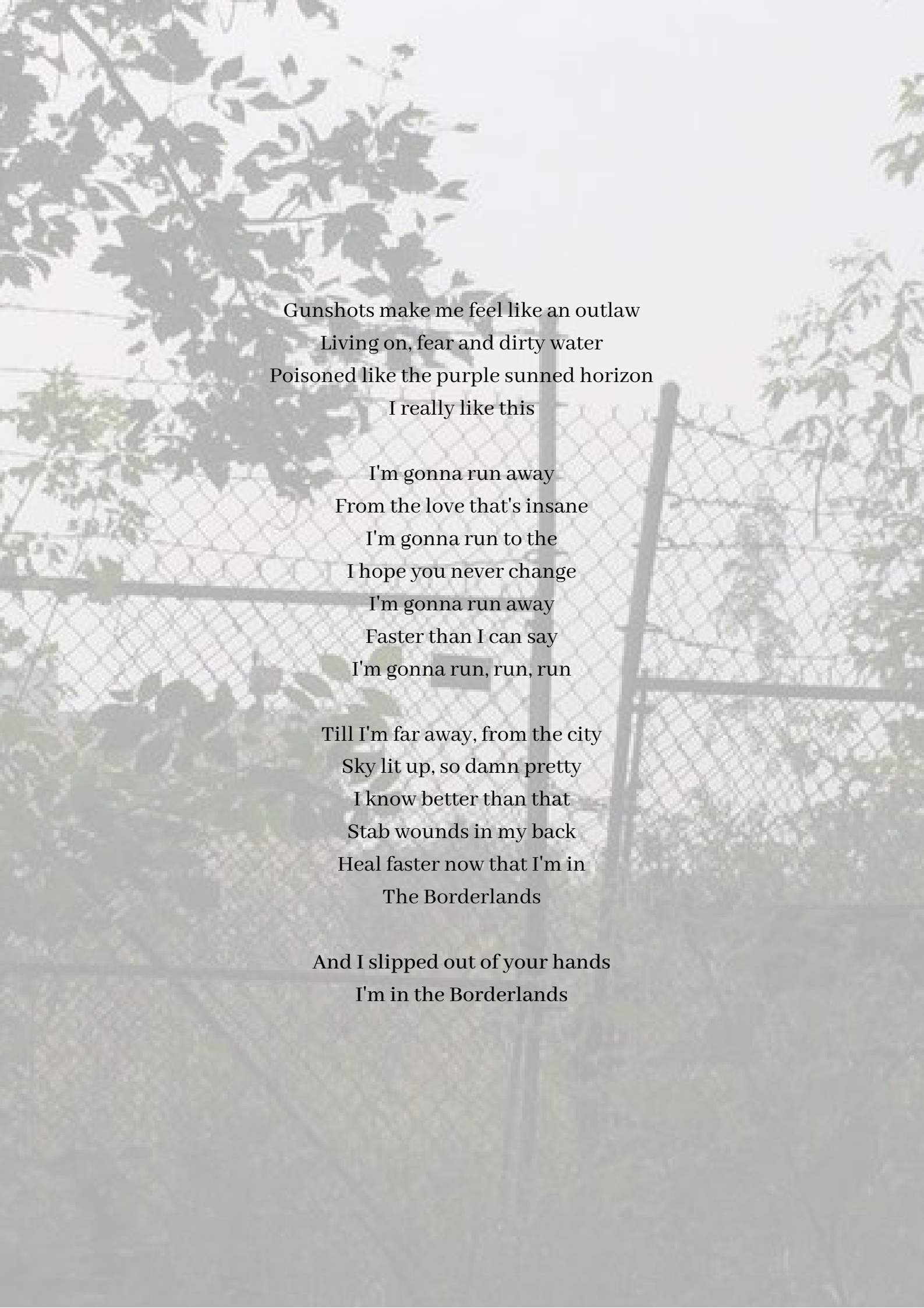
Neha Bhende, CSE



Fences, riddled up with electricity
Hence these, scars on my body
Intel, spilt like wine on a white dress
I don't like this

I want to run away
From the love that's insane
I want to run to the
I hope you never change
I want to run away
Faster than I can say
I want to run, run, run

Till I'm hidden
From the daylight
I struck a match and
I let it ignite a fire inside
I told you I was a secret but you let me out of the bag
So don't be surprised if you find me
In the Borderlands



Gunshots make me feel like an outlaw
Living on, fear and dirty water
Poisoned like the purple sunned horizon
I really like this

I'm gonna run away
From the love that's insane
I'm gonna run to the
I hope you never change
I'm gonna run away
Faster than I can say
I'm gonna run, run, run

Till I'm far away, from the city
Sky lit up, so damn pretty
I know better than that
Stab wounds in my back
Heal faster now that I'm in
The Borderlands

And I slipped out of your hands
I'm in the Borderlands

And if I runaway, and you choose to stay
I need to know that I won't ever be chased
But if you run away with me then let's leave today
We need to run, run, run

Till we're hidden from the daylight
Nightfall and avenues keep us out of sight
I know what I've done
I can see the burns on your back
So don't be surprised if we end up
In the Borderlands

Now we're far away from the city
The sky still looks so, damn pretty
You know better than that
Stab wounds in my back
Put you right here with me
In the Borderlands

And I slipped out of your hands
I'm in the Borderlands.

IN THE HEART OF THE SEA

Neha Bhende, CSE

Based On: In the Heart of the Sea by Nathaniel Philbrick

I knew exactly what I needed
I knew exactly what to do
I put on a brave face
And proceeded to see things through

First mate, so close to leading
Set sail as soon as we saw the blue
Put my faith in your decisions
And they put theirs in mine too

Oh can you hear the ocean beneath us
Can you hear the roar of the dead trying to warn us
"Don't go ahead don't let it blind you
Not one not all of us could make it through"

Made a mistake and now we're bleeding
Out on the deck of the dawn
Thirsty but I see a landing
Second mate, we've made it this far

Lost lives but we needed the food
Say goodbye why aren't you leaving
Followed me till the end of time
I knew you were on hell of a demon

Oh can you hear the ocean beneath us
"Abandon ship" is the last thing I needed
Blinded by the sight of a thousand
Fountains, I don't know if I'll live to see it again

I almost lost hope
Until we walked on land
Said goodbye to the dead
And set sail again
Shook hands with the devil
Now I don't even care
You can follow me down to the trenches if you dare

Oh can hear you the ocean beneath us
In The Heart of The Sea I see you
Almost convinced to say it was the wind
I will never not believe in you again.

E-YATRA

2018-2019

Information

CAPTURE TIME ON A FRAME

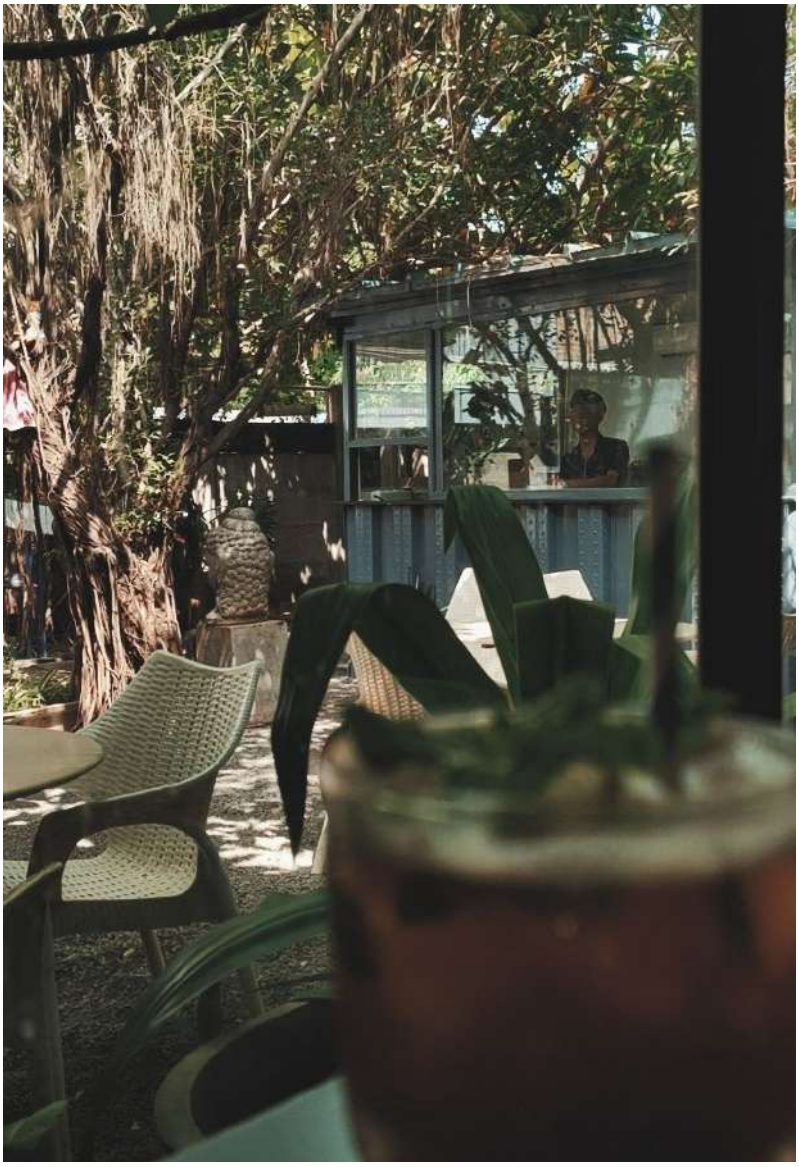
"A photograph is a secret about a secret. The more it tells you, the less you know." – Diane Arbus

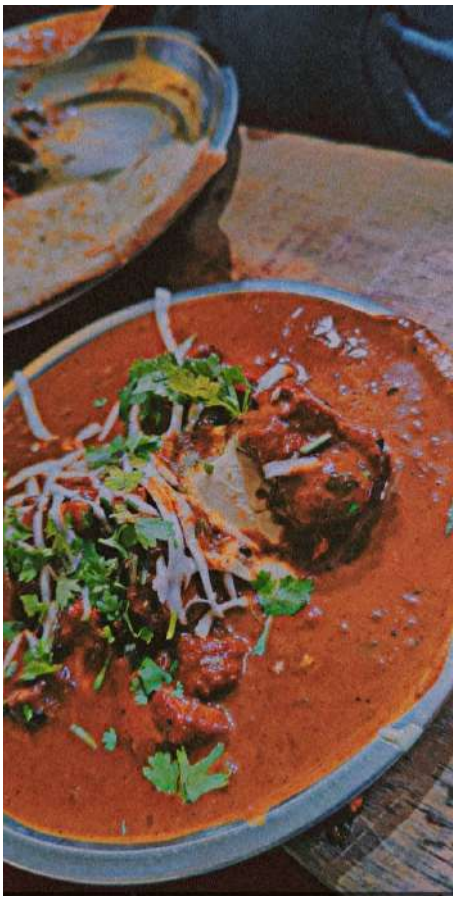
A photograph is an insight into one's mind. We often credit a photographer for just capturing a moment, but they accomplish something greater. Photographs convey something unspoken directly to the beholder's heart. When they click, photographers record the truth that's seldom visible to the naked eye. But who's to say it's the whole truth?

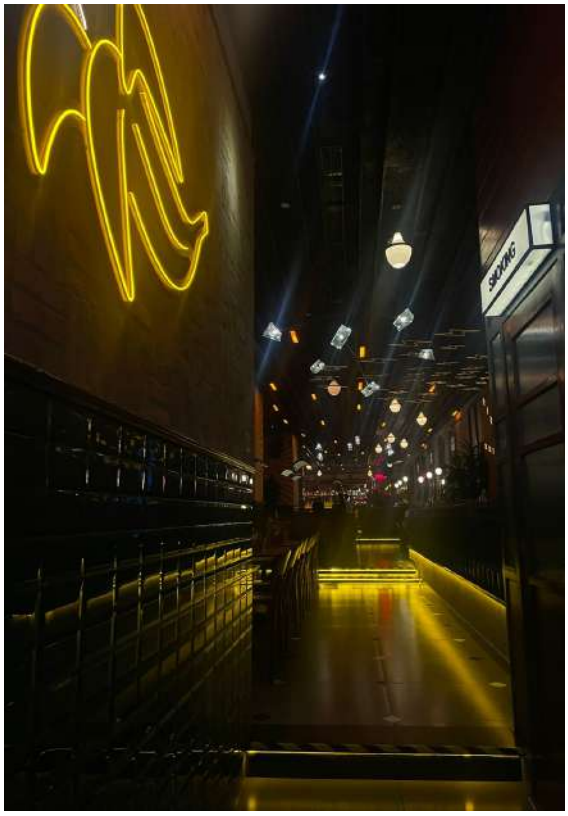
CAPTURE TIME ON A FRAME

Ramanaprasath G

Ramanaprasath G of CSE loves cafe hopping and being an adventurous person, he likes to explore new places. Apart from photography he's also ambitious and constantly works on upskilling himself in technical side too.



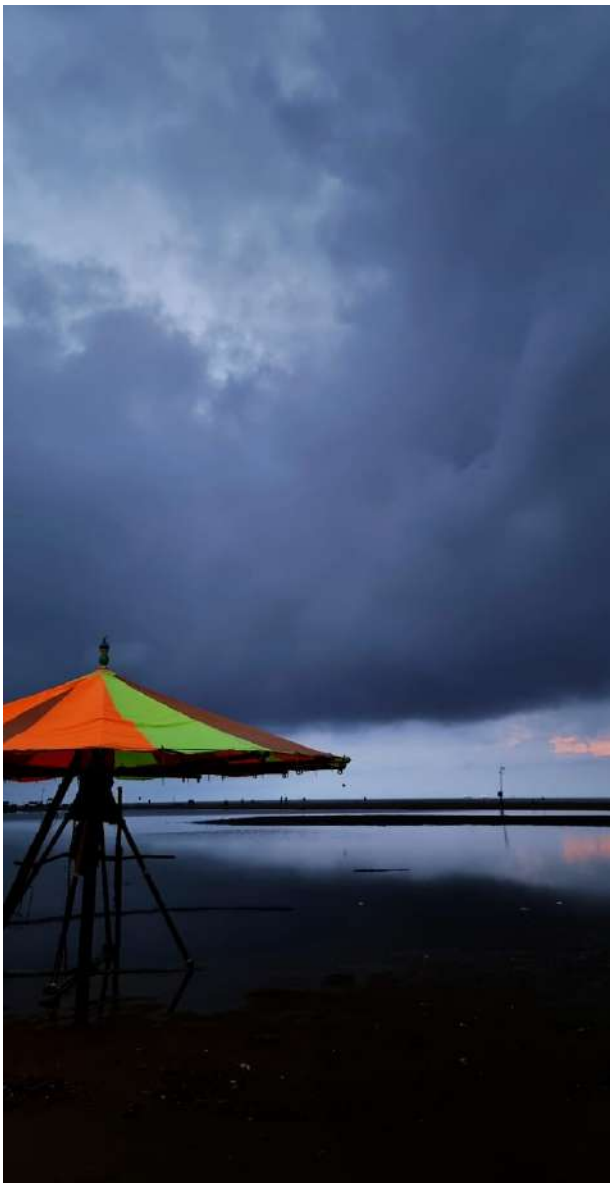




Preethi K

Preethi K from CSE, has a talent for capturing photographs pertaining to restaurants. She illuminates the prime colours of food and the environment.

CAPTURE TIME ON A FRAME



Sankar Lal T E

Sankar Lal T E of CSE greatly admires nature. He goes above and beyond to capture something extraordinary out of the ordinary and manages to bring his vision to life effortlessly. In addition to photography, he has high aspirations and is constantly working to enhance his skill sets.

Justin P

Justin P from CSE, has a talent in capturing diverse themes, focusing more on architecture and nature. He illuminates the prime colours of the scenarios.

E-YATRA

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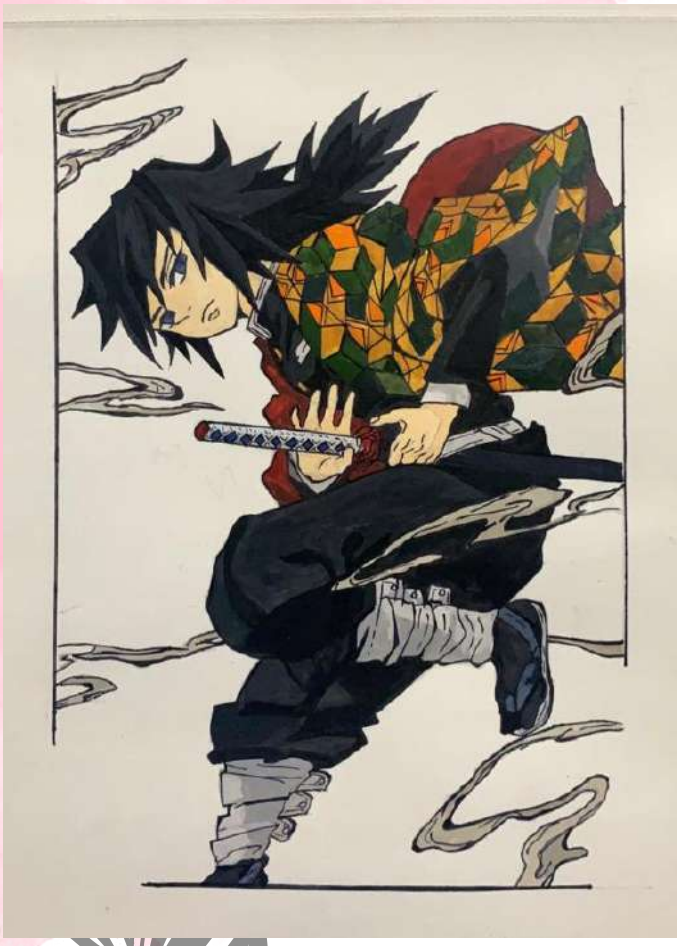
THROUGH AN ARTIST'S LENS

"A work of art which did not begin in emotion is not art."
— Paul Cezzane

Art is deeply rooted in emotion. Any art form is primarily a source of catharsis for more artists than you can count. Be it a painting, a film, or a song - they're all art. And more importantly, they're expressions of profound feelings. There's a sense of relief by the end of the process, the feeling of a weight being lifted off your shoulders after you've spilt your hopes and fears into your friend, art.

Aditi, CSE



Aditi, CSE

E-YATRA

2018-2019

ACHIEVEMENTS

SAACHACK'18

A team of 4 students from the Second year of the Department of Computer Science and Engineering have won the BEST INNOVATION AWARD in the National level Hackathon, SAACHACK'18, organised by Rajalakshmi Institute of Technology, Chennai on 27th and 28th July, 2018. The team developed a Cloud based Automated Smart Parking System. They were awarded a trophy and a cash prize of Rs. 5,000/-.

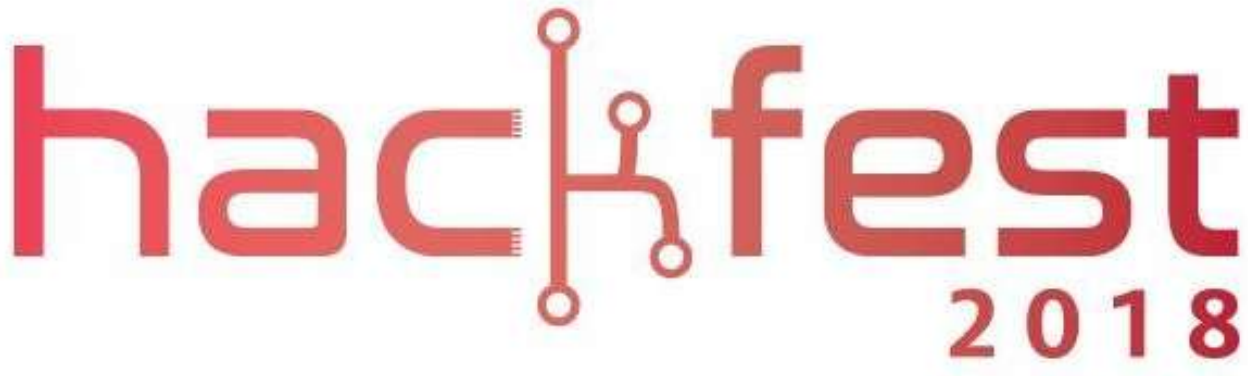
The team comprises of

1. J.Yuvaraj II CS (Team Leader)
2. R.B.Sarjhana II CS
3. S.G.Shriram II CS
4. R.Soorya Prakash II CS

CODE HUNT EVENT

Third year Computer Science students, Mr. E.Rakesh & Mr. T. Raguraman have received Third place in the coding event "CODE HUNT" conducted on 14.9.2018 at Meenakshi Sundarajan Engineering College, Kodambakkam.

HACKFEST '18



Mr. S Santhosh Kumar, Mr. Keerthivaasan K, Mr. M Natarajan, Mr. Nikhil Kumaran S & Mr. Mahesh G K, have secured First prize in HACKFEST'18 conducted by GDG(Google Developer Groups) and Rs.15000 as a Cash Prize at ITM Business School.

The students have been awarded internships in QUBE through GDG.

STATE LEVEL PYTHON PROGRAMMING

Third year student Mr. J. Balaji, has won the second prize in the state level "Python Programming" competition conducted on 6th October, 2018 at Saveetha School of Engineering.

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ENVIROQUEST'19 QUIZ COMPETITON

Mr. Arjun Aravind (III CSE) and Varun Suresh (II CSE) won the inter collegiate quiz competition, EnviroQuest '19, organized by Women's Christian College on January 31st, 2019

CTS-STUDENTCLUB ACTIVITY '19

Our college has secured Third Place in the Cognizant Student Club among Best performing 10 Colleges and Third Year CS student, Mr. Durai Raja has been selected as one of the Best Mentor of the month, by Cognizant Student Club activity, February 2019.

The Cognizant Student Club of our college secured the third place among the Best performing 10 Colleges and Third Year CS student, Mr. Durai Raja has been selected as one of the Best Mentors of the month, by Cognizant Student Club. The event was conducted in February 2019.

ST.PETER'S HACKATON 2K19

Students from the second year, Bharath G, Janani V. I & Raahul Kalyan J, won First Prize in the "St.Peter's Hackathon 2k19",conducted by St.Peter's College of Engineering in association with IBM Software Lab for Emerging Technologies on the 13th and 14th of March, 2019. They received Rs.10000/- as cash prize for the same.

II year students Mr. Pranav M(RollNo:89) and Mr. Navin S (RollNo:77) won the consolation prize and received a cash prize of Rs 1,000/-.

INTERNSHIP IN AMAZON

II year CS student Ms. Mahalakshumi (Roll. No 68) earned the opportunity of doing a Summer Internship in Amazon with a stipend of Rs. 45000 per month. The selection was based on her performance on a Hackathon.

MEGABOT FOR EGOVERANCE

SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA

Deemed to be University u/s 3 of UGC Act 1956
Accredited with "A" Grade by NAAC
Enathur, Kanchipuram, Tamil Nadu - 631 561
www.kanchiuniv.ac.in

IEEE

SCSVMV IEEE STUDENT BRANCH

Organized

5th National Level Technical

Project Expo -2019

on 15th March, 2019

Certificate

This is to certify that Mr./Ms. E. RAKESH ;
Sri Venkateswara College of Engineering
has presented a project titled Megabot for e-Governance
and won III *prize in Project Expo 2019*
on 15th March 2019 at SCSVMV, Enathur, Kanchipuram, Tamilnadu.

Prof.Dr.M.RATHINAKUMAR — Counselor, SCSVMV - IEEE Student Branch
Prof.Dr.G.SRIRAM — Dean – E&T, SCSVMV
Prof.Dr.G.SRINIVASU — Registrar, SCSVMV

SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA

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Prof.Dr.M.RATHINAKUMAR — Counselor
Prof.Dr.G.SRIRAM — Dean – E&T, SCSVMV
Prof.Dr.G.SRINIVASU — Registrar, SCSVMV

III yr CS students Mr. Rakesh. E and Mr. Prasanth V have won third place along with it a cash prize of Rs.2000/- for their project presentation titled "Megabot for egovernance" conducted by "Sri Chandrasekharendra Saraswathi Viswamahavidayalaya, Kanchipuram under the mentorship of Mr. B. Praveen Kumar on the 15th of March 2019.

BEST MENTOR IN COGNIZANT CLUB

Ms Dhivya from 3rd year CSE has received an award for "Best Mentor" of the month March 2019, among best performing colleges conducted by Cognizant Club, Chennai.

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BEST PAPER AWARD

IV year Student Ms. Madhuvanti M has received Best Paper Award under the guidance of Dr. R. Anitha, Prof &Head/CS in the International Conference on Emerging Current Trends in Computing and Expert Technology conducted by Panimalar Engineering College in association with IEEE, ISTE, CSI conducted on the 22nd & 24th of March 2019.

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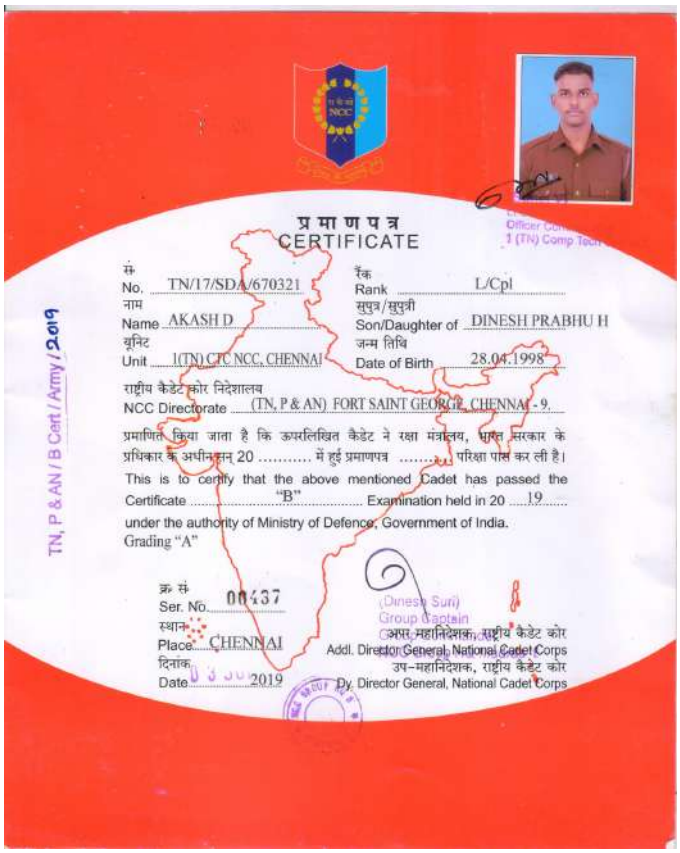
CERTIFICATE FROM MINISTRY OF DEFENCE



प्र मा ण प त्र
CERTIFICATE

सं
No. TN/17/SDA/670321

रैंक
Rank L/Cpl

नाम
Name AKASH D

सुपुत्र/सुपुत्री
Son/Daughter of DINESH PRABHU H

यूनिट
Unit 1(TN) CTC NCC, CHENNAI

जन्म तिथि
Date of Birth 28.04.1998

राष्ट्रीय कैडेट कोर निदेशालय
NCC Directorate (TN, P & AN) FORT SAINT GEORGE, CHENNAI - 9.

प्रमाणित किया जाता है कि ऊपरलिखित कैडेट ने रक्षा मंत्रालय, भारत सरकार के प्राधिकार के अधीन सन् 20 ..... में हुई प्रमाणपत्र ..... परीक्षा पास कर ली है।

This is to certify that the above mentioned Cadet has passed the Certificate "B" Examination held in 20 19 under the authority of Ministry of Defence, Government of India.
Grading "A"

TN, P & AN / B Cert / Army / 2019

क्र सं
Ser. No. 00437

स्थान
Place CHENNAI

दिनांक
Date 03.06.2019

(Dinesh Suri)
Group Captain
अप. महानिदेशक, राष्ट्रीय कैडेट कोर
Addl. Director General, National Cadet Corps
उप-महानिदेशक, राष्ट्रीय कैडेट कोर
Dy. Director General, National Cadet Corps

Mr.Akash.D has obtained the prestigious "B" Certificate from the Ministry of Defense, Government of India.

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24 HOURS HACKOTHON BY SRM

II year CS Students Ms Athmaja R, Mr. L. A Barath Aakaash, Mr. Adhithya R & Mr. Kabilesh R (Team: "Kill a Watt") has won first place in the "24 hours Hackathon" event conducted by SRM University, Kattangulathur, on the 30th & 31st of March 2019.

They received a cash prize of Rs. 10,000/-.

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PROJECT PRESENTATION AT PANIMALAR

PANIMALAR ENGINEERING COLLEGE
(A Christian Minority Institution) - Jaisakthi Educational Trust
Approved by AICTE, New Delhi & Affiliated to Anna University,Chennai
Approved by UGC for 2(f) & 12(B) status
Bangalore Trunk Road, Poonamallee, Chennai- 600123.
PECTEAM 2K19
This is to certify that Mr./Ms. BARATH. G. of CSE DEPARTMENT
from SRI VENKATESWARA COLLEGE OF ENGG has won I prize in Project/Poster presentation titled
SMART AGRICULTURE DECISION MAKING SYSTEM in the International Conference
for Phoenixes on Emerging Current Trends in Engineering And Management (PECTEAM).
22nd & 23rd MARCH 2019
CO-CONVENER Dr. V. D. AMBETH KUMAR, M.E., PhD.,
CONVENER Dr. S. MALATHI, M.E., Ph.D.,
CO-PATRON Dr. K. MANI, M.E., Ph.D.,
PATRON Mr. C. SAKTHIKUMAR, M.E.,
IEEE MADRAS SECTION
SAEINDIA

PANIMALAR ENGINEERING COLLEGE
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Bangalore Trunk Road, Poonamallee, Chennai- 600123.
PECTEAM 2K19
This is to certify that Mr./Ms. HAREEDARAN BHARATHI of CSE - DEPARTMENT
from SRI VENKATESWARA COLLEGE OF ENGG has won I prize in Project/Poster presentation titled
SMART AGRICULTURE DECISION MAKING SYSTEM in the International Conference
for Phoenixes on Emerging Current Trends in Engineering And Management (PECTEAM).
22nd & 23rd MARCH 2019
CO-CONVENER Dr. V. D. AMBETH KUMAR, M.E., PhD.,
CONVENER Dr. S. MALATHI, M.E., Ph.D.,
CO-PATRON Dr. K. MANI, M.E., Ph.D.,
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Bangalore Trunk Road, Poonamallee, Chennai- 600123.
PECTEAM 2K19
This is to certify that Mr./Ms. JANANI V. I. of CSE - DEPARTMENT
from SRI VENKATESWARA COLLEGE OF ENGG has won I prize in Project/Poster presentation titled
SMART AGRICULTURE DECISION MAKING SYSTEM in the International Conference
for Phoenixes on Emerging Current Trends in Engineering And Management (PECTEAM).
22nd & 23rd MARCH 2019
CO-CONVENER Dr. V. D. AMBETH KUMAR, M.E., PhD.,
CONVENER Dr. S. MALATHI, M.E., Ph.D.,
CO-PATRON Dr. K. MANI, M.E., Ph.D.,
PATRON Mr. C. SAKTHIKUMAR, M.E.,
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Bangalore Trunk Road, Poonamallee, Chennai- 600123.
PECTEAM 2K19
This is to certify that Mr./Ms. RAAHUL KALYAAN.J of CSE - DEPARTMENT
from SRI VENKATESWARA COLLEGE OF ENGG has won I prize in Project/Poster presentation titled
SMART AGRICULTURE DECISION MAKING SYSTEM in the International Conference
for Phoenixes on Emerging Current Trends in Engineering And Management (PECTEAM).
22nd & 23rd MARCH 2019
CO-CONVENER Dr. V. D. AMBETH KUMAR, M.E., PhD.,
CONVENER Dr. S. MALATHI, M.E., Ph.D.,
CO-PATRON Dr. K. MANI, M.E., Ph.D.,
PATRON Mr. C. SAKTHIKUMAR, M.E.,
IEEE MADRAS SECTION
SAEINDIA

II year CSE students Barath. G, Hareedaran Barathi, Janani. V. I and Rahul Kalyan. J own the FIRST prize in the project presentation event with a cash prize of Rs.2000 at the International conference for phoenixes on "Emerging Current Trends in Engineering and Management", sponsored by IEEE Madras section and conducted at Panimalar Engineering College on the 22nd and 23rd of March 2019.

"WEB HUB" AT MIT

III Year B-Batch Student Mr. S. Karthick (R.No 73) has secured First Position in the event WEB HUB of PRAYATNA '19, a National Level Inter College Technical Symposium held on March 8th and 9th, 2019. It was organized by Association of Computer Technologists, Department of Computer Technology, Anna University, at the MIT Campus, Chennai. He has received a cash prize of Rs. 1750.

E-YATRA

2018-2019

INDUSTRIAL VISIT

INDUSTRIAL VISIT

Industrial Visit to Zoho Corporation Private Limited

Conducted on 9th October 2018.

The Department of Computer Science and Engineering, Sri Venkateswara College of Engineering organized an Industrial Visit for III Year CS Students to Zoho Corporation Private Limited, Chennai on 9th of October 2018. The focus of the Zoho Corporation lies in web-based business tools and information technology solutions, including an office tools suite, Internet of Things management platform, and a suite of IT management software. During the visit, the students gained practical knowledge of web-programming. The students also got onsight experience of how the company works with the projects in reality. Around 62 students and 2 faculty members have undergone the visit. The overall feedback of the students regarding the visit is that they found the training very useful for them

INDUSTRIAL VISIT

Industrial Visit to Satish Dhawan Space Centre-Sriharikotta (SDSC-ISRO)

Conducted on 25th September 2018.

The Department of Computer Science and Engineering, Sri Venkateswara College of Engineering organized an Industrial Visit to Satish Dhawan Space Centre-Sriharikotta by the Department of CS on 25th of September 2018, coordinated by Dr.R.Anitha (Prof & Head) and Mr.T.Rajasekaran, Assistant Professor, CS. The Industrial Visit started from SVCE at 10.30 A.M after the security checks; during the visit the students were guided to an auditorium where the origin of SDSC, administration and the launch of PSLV, GSLV were explained in a video lecture. After that, the students are taken to the ISTRAC (ISRO Telemetry & Tracking Command Network), where they explain how they are tracking the satellite after its injection into the orbit. Then the students were taken to the launch pads, namely L1 and L2 which are situated nearly 5kms from the tracking station. Finally, the students had a look into the SDSC-ISRO space museum to find out the great deeds done by our Indian scientists and left the SDSC/SHAR by 2.30 P.M. The overall feedback regarding the visit from students is that the visit was knowledgeable and useful.

INDUSTRIAL VISIT

Industrial Visit to SLN Technologies, Velachery, Chennai

Conducted on 31st July 2018

The Department of Computer Science and Engineering, Sri Venkateswara College of Engineering organized an Industrial Visit for III Year CSE B Section Students to SLN Technologies, Chennai on 31st of July 2018.

Program Schedule : ONE DAY

Visiting Hrs: 10.00 AM to 12.00 PM

Eligible streams: CSE/ IT / ECE / EEE / MCA / M.Sc.,

Protocol: IV Letter from college authority.
Student accompanied by faculty members
College ID compulsory on the day.
Certification: Students will get IV certificate

E-YATRA

2018-2019

CLUBS

ACM

(ASSOCIATION OF COMPUTING MACHINERY)

Started in 2012 with an aim to advance awareness of computer science and technology, the SVCE-ACM student chapter is a premier computing society belonging to Sri Venkateswara College of Engineering.

Visit their **Website!**

Click here

(or)

Enter this link in your browser

https://svce.acm.org/index.html

Like every student chapter of ACM across the world, the SVCE chapter strives to bring together people from all walks of campus life - teachers and students alike - with the purpose of relentlessly inspiring fellow students into tackling the field of computer science with passion and curiosity. The members of this organisation aim to develop students' technical and professional skills, all while cultivating an inclusive and supportive community for those interested in computer science. We achieve this through various events, ranging from quizzes and debates to workshops, seminars, and Hackathons - held throughout the year.

CLUB TESTIMONIALS

DHIRAJ
EXECUTIVE MEMBER, ACM

The SVCE ACM student chapter has given me tremendous opportunities to upskill myself, and develop holistically as an engineer. Through SVCE ACM I was able to attend winter school in Algorithms for Big Data and ML at IMSc Chennai, and also participate in several outreach programs like Hour of Code. I would like to extend my sincere gratitude to the faculty members and student community who have made this possible.

CLUB TESTIMONIALS

NIKHILESH S
EXECUTIVE MEMBER, ACM

SVCE-ACM is a group of enthusiastic engineering students working towards creating a competitive environment by conducting events for engineers and beyond. We at the SVCE-ACM focus on building a community for like minded people looking to develop more than just technical skills.

My experience with SVCE-ACM was nothing short of a steep learning curve. I think the student chapter gave me one of the most important life skills which was to learn how to work with other people as a team. The knowledge that I gained in the past two years is something that will stay with me for a lifetime and I'm grateful to be a part of the club as an executive member and pass on the SVCE- ACM's legacy to my juniors.

ACE

(ASSOCIATION OF COMPUTER ENGINEERS)

ACE is the birth place of many innovators, who have brought laurels to the department, in turn to the college. It is proud, happy and noteworthy that ACE has crossed two decades from its inception. ACE plays a significant role as an adjunct to the course work.

Visit their **Website!**

Click here

(or)

Enter this link in your browser

https://acesvce.in/

The Association of Computer Engineers (ACE) of SVCE is a place where hidden talents get its ideal platform, where skills are given merit for their due credit and this is where good becomes better and better becomes best in the journey towards excellence. It is gratifying and noteworthy that ACE has crossed more than two decades from its commencement. From its genes in 1992, ACE has grown and established itself as one of the most influential and well-known clubs of SVCE. ACE hosts a wide plethora of events every year, with our symposium 'Interrupt' being the flagship event to provide the students with a window of opportunity to shine and stage their skills.

CLUB TESTIMONIALS

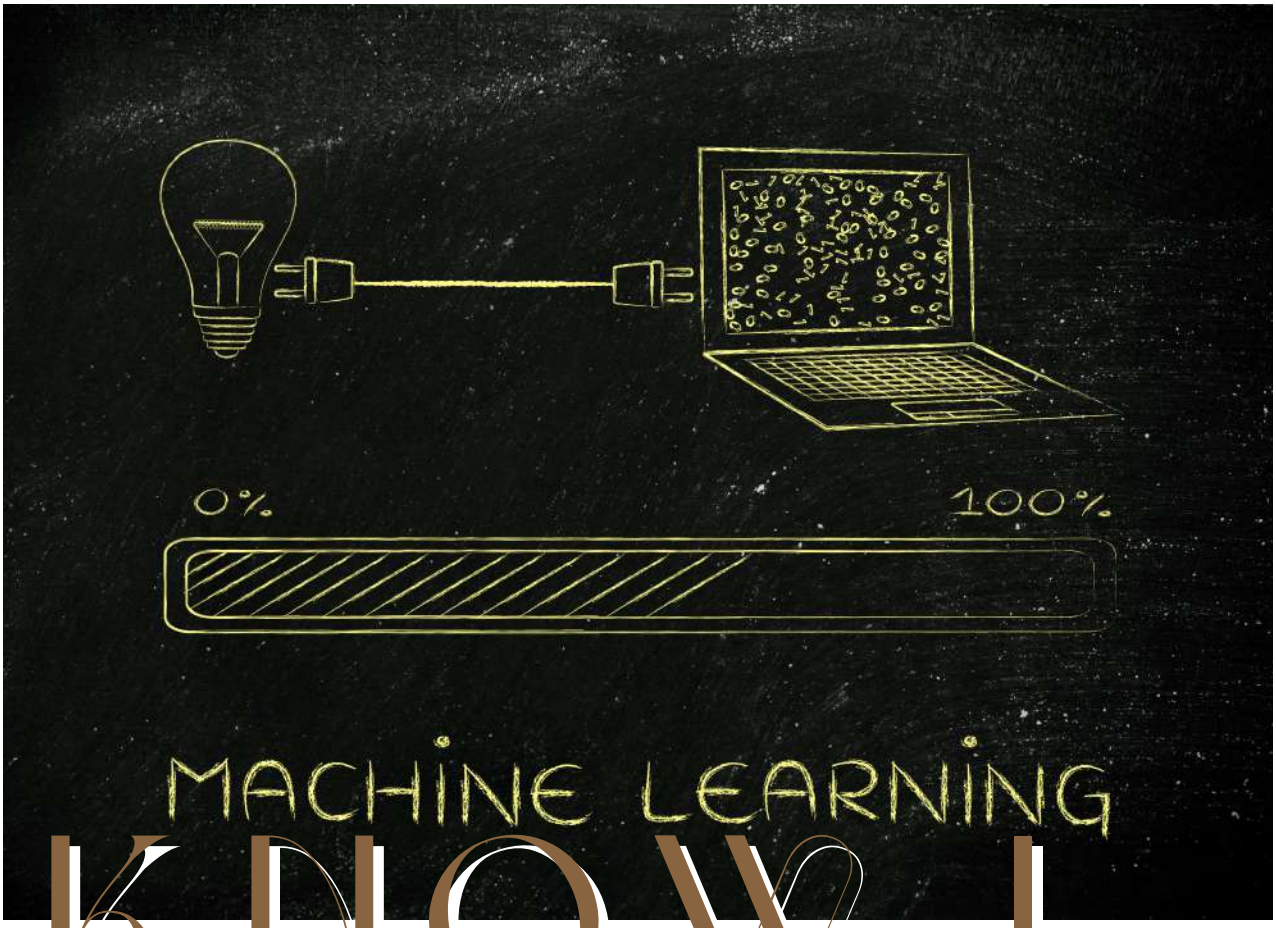
PALANIAPPAN SUBRAMANIAN
EXECUTIVE MEMBER, ACE

My involvement with ACE has been an incredible experience. One of ACE's many advantages is the assistance and guidance we receive from the faculty leaders and senior students. Additionally, the abundance of technical events that we put on undoubtedly gave me a confidence boost and helped me develop my leadership and event management abilities, which is one reason why one should think about joining this club. Working here was, all in all, a wonderful experience.

CLUB TESTIMONIALS

MOHANAKRISHNA GOPIKA V
EXECUTIVE MEMBER, ACE

A group of energetic engineering students called ACE organizes competitions for engineers and other professionals in an effort to foster a competitive environment. ACE focuses on creating a community for like-minded individuals who want to advance their education beyond technical skills. There was a really high learning curve for me with ACE. One of the most vital skills I believe I gained through the student chapter was learning how to collaborate with others. The information I have acquired over the past two years will be with me forever.



KNOW I

Know-I research forum aims at imparting and enhancing knowledge in the field of Artificial Intelligence, Machine learning, Deep learning, and Computer vision for the students of Sri Venkateswara College of Engineering. One of the priorities is to encourage students to get involved in research-based activities.

To achieve this, the forum has an exuberant team consisting of faculty and students to organize competitions, workshops, project presentations, etc. The club acts as a platform for the students, faculty, and industry experts to share their experiences and work collaboratively to provide intelligent solutions for real-world problems.

Visit their **Website!**

Click here

CLUB TESTIMONIALS

SHASHWANTH S
EXECUTIVE MEMBER, KNOW I

My experience with Know -I has been nothing short of a series of lessons both in terms of technicality and developing people skills. Strictly based on artificial intelligence and machine learning, we strive to involve people from all departments in participating in collaborative events to integrate AI and ML methods into various fields. Working with people who shared the same passion made me feel like a part of the team was the best I could've asked for. The biggest takeaway from my time in Know -I is knowing the effort I put into every event to help expand knowledge about artificial intelligence was worth it . As I pass on the reins to my juniors, I wish them good luck and I hope that they might have as wholesome of an experience as I had with the club.

CLUB TESTIMONIALS

PRIYA
EXECUTIVE MEMBER, KNOW I

In my honest opinion, the Know I club is just an ensemble of people who got together to work many intermittent common goals. It has taught all of us accountability. However, the selling point of Know I is it's approachability. Know I has always provided a platform for the average Joes and the beginners to grow into full blown professionals. Know I brims with pure potential, with lots of scope to grow or pivot, whichever the future offers. That potential, in my experience with them, has been and will be the determining factor of wondrous opportunities.

E-YATRA

2018-2019

The Team

PREPARED BY

Dr. N. RAJGANESH, ASP/CSE

Mr. S. D. NANDAKUMAR, AP/CSE

Ms. R. POORNI, AP/CSE

Ms. P. KAVIYA, AP/CSE

CORE TEAM

NIYAS HAMEED R.F

AADESH VIJAYARAGHAVAN

THEJASWINI S.R

PAVADHARNI SHANMUGAM

SIBI MUGHIL T

SHRUTHIKA S

PRIYANKA ANANTH

E-YATRA

2018-2019