

CYBER
FORTRESS' 23
MAGAZINE &
NEWSLETTER



Computer Science and Engineering
CYBER SECURITY

Volume – 1 | August 2022 – May 2023



NANDHA ENGINEERING COLLEGE

(Autonomous)

Affiliated to Anna University, Chennai & Accredited by NAAC A+ Grade
Perundurai - Erode Main Road, Erode - 638 052, Tamilnadu.

ABOUT THE DEPARTMENT



The Department of Computer Science and Engineering (Cyber Security) was established in the year 2022. It offers a 4 year B.E – Computer Science and Engineering (Cyber Security) programme. It has dedicated faculty members specialized in different areas of Computer Science and Engineering.

Cyber security is a highly impactful field as it is challenging in the real world nowadays. Cyber security course is designed to understand the process, practices and gain knowledge regarding unauthorized access, protection of networks, computers programs and data from unknown attacks.

VISION OF THE DEPARTMENT

To develop a pool of high caliber professionals, researchers and entrepreneurs in computing and cyber security to meet the ever-changing needs of a secured society.

MISSION OF THE DEPARTMENT

Department of Computer Science and Engineering (Cyber Security) is committed

- To provide quality education to produce Computer Science and Cyber Security professionals with social responsibility.
- To excel in the thrust areas of Computing and Cyber Security by solving real-world challenges.
- To create a learner centric environment and improve continually to meet the global secure computing needs.



PSO 1: Knowledge Proficiency: Equipped with knowledge of security in various platforms, possess computer forensic skills with secured network control and act responsibly in legal, ethical and security related issues.

PSO 2: Recent Technology: Able to apply emerging appropriate technology and programming skills to find optimal solutions for complex problems by applying domain knowledge to transform innovative ideas into reality.

MESSAGES

The department of CSE (CS), NEC takes immense pride and satisfaction in presenting the annual Newsletter **CYBERFORTRESS'23**. We are delighted to announce that the response to the newsletter has been overwhelmingly positive. The diverse range of contributions fills us with pride, as it showcases the creative potential and original thinking of our students and faculty. Every page of the newsletter is engaging, fascinating, and captivating. We commend the contributors for their thought-provoking ideas and the vibrant array of articles they have shared.



Principal

It fills my heart with immense joy to witness the incredible excitement surrounding the upcoming publication of the Cyber Security Department's annual newsletter. This eagerly anticipated Newsletter will undoubtedly provide aspiring engineers with a vast platform to showcase their technical acumen and express innovative ideas with pen and paper.

The core purpose of this newsletter is to nurture and foster strong technical skills in both students and faculty, thus giving rise to the unveiling of their hidden talents.

In this moment of celebration, I extend my heartfelt congratulations to the dedicated faculty, staff, and students who have poured their tireless efforts into bringing this remarkable newsletter to fruition. Together, they have crafted a masterpiece that will undoubtedly inspire and leave a lasting impact on all who read it.



HoD

The Department of Computer Science and Engineering (Cyber Security) of Nandha Engineering College organized a seminar on “Cybercrimes in Electronic Payment” view of celebration of cyber Jaagroota Diwas (CJD) for the year 2022-2023. Roshini.T.M, Student/CSE (CS) welcome gathering. Dr.N.Rengarajan, Principal of Nandha Engineering College delivered the Principal address. Dr.J.Senthil, Director of Nandha Engineering College delivered the Director Address. Dr.D.Vanathi HOD of CSE introduced the chief guest.

During the seminar, chief guest Mr.M.Maharaj, Founder & CEO,BCBUZZ Technologies Pvt Ltd, Coimbatore has given on detailed view of cybercrimes in Electronic payment and the rate of cyber crime which threatens our society. He also described about importance of cyber security and gave many real time examples of Digital Payment attacks. Further he interacted with the students to make them aware of their queries. More than 220 students attended the seminar. Bhanuja.K, Student / CSE (CS) proposed the Vote of Thanks.

Nandha Engineering College, Erode -52.
(Autonomous)
(Affiliated to Anna University, Chennai, Approved by AICTE, Accredited by NAAC (A+ grade) & Accredited by NBA)

DEPARTMENT OF CSE (CYBER SECURITY)
Organizes a Seminar on

CYBERCRIMES IN ELECTRONIC PAYMENT

Resource Person
Mr. M. Maharaj,
Founder & CEO
BCBUZZ Technologies Pvt. Ltd,
Coimbatore.

28.12.2022 | 09:30 am | Conference Hall

Co - ordinator
Mrs. B. Raja Rajeswari
AP/CSE(CS)

Convener
Dr. S. Prabhu
HoD - CSE (CS)

Director
Dr. J. Senthil

Principal
Dr. N. Rengarajan



Chief Guest Address:
Mr.M.Maharaj, Founder & CEO BCBUZZ Technologies Pvt. Ltd, Coimbatore.



Dr. N. Rengarajan, Principal of Nandha Engineering College presented an address, delivering words of guidance and inspiration.



The chief guest was presented with a thoughtful gift.



Participants of the seminar Cyber Crimes in Electronic Payment

VISIT TO THINDAL TEMPLE



During a recent educational excursion, CSE (CS) students embarked on a visit to a local temple. The purpose of this trip was to provide the students with a deeper understanding of cultural and religious practices. As they entered the temple premises, they were greeted by the tranquil atmosphere and intricate architectural details. Guided by their professors, the students explore the temple, observing the rituals and traditions being performed by the devotees. They marveled at the beautiful idols and learned about the significance of each deity. The visit also provided an opportunity for the students to interact with the temple priests, who generously shared their knowledge and answered the student's questions. Overall, the visit to the temple left a lasting impression on the students, fostering their appreciation for diverse cultures and broadening their horizons.

SEMINAR ON ETHICAL HACKING

Department of Computer Science and Engineering (Cyber Security) organized the one day seminar on “Ethical Hacking” on May 12 2023 in conference hall. The Dignitaries on the dais were Dr.N.Rengarajan Principal, Nandha Engineering College, Dr.S.Prabhu HOD/CSE(CS), Dr.S.Vanathi HOD/CSE, Prof.A.Abirami (Resource Person) Head of Cyber Security lab, Bannari Amman Institute of Technology and Ms.B.Raja Rajeswari, AP/CSE(CS), program coordinator.

Opening remarks and introduction of the chief guest was given by Dr.S.Prabhu HOD/CSE(CS) and Dr.N.Rengarajan Principal, Nandha Engineering College was Felicitated the gathered. Totally 240 students from the 1st year CSE, CSE (CS), CSE(IOT) & AI&DS departments have attended the seminar.

The seminar focused on cyber attack and dark web. The program starts at 9:30 a.m. with the welcome address by Karsna.K.G. I year CSE (CS). Professor A. Abirami has invited as a guest of speaker. Students from the department of CSE, CSE (CS), CSE (IOT) and AIDS have attended the seminar.

The importances of networking, cyber attack and dark web have been explained prominently by the chief guest. Moreover this seminar gives awareness about cyber attack by the overall view of phishing attack, emails spoofing and demonstrated DOS attack. The practical demonstrations about Facebook phishing help students to aware of hackers. In a nutshell, she has given ideas about the skills in the field of cyber security such as Hack the box, bug bounty und bug crowd and Finally she interacted with the students and the program wrapped up around 4:30 p.m.The vote of thanks was given by Kavya Sri.M, I year CSE (CS).



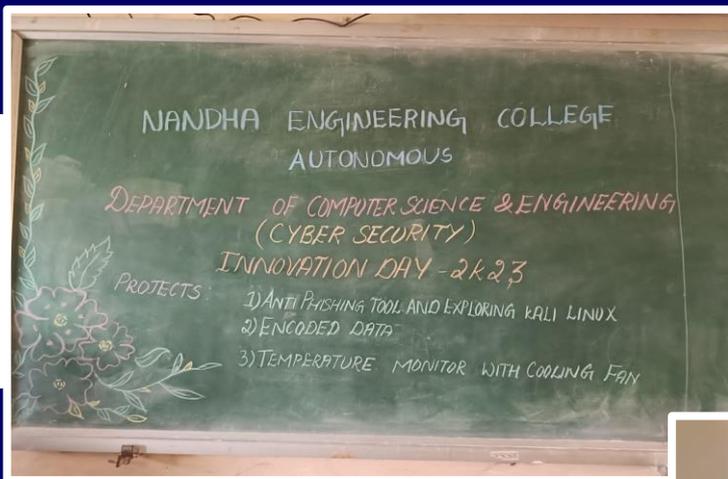
The Department of Computer science and Engineering (Cyber Security) along with IEI-Erode Local Chapter jointly organized a seminar on the topic “Ethical Hacking” on 12.05.2023 at conference hall. The resource person for the program was Prof.A.Abirami (Resource Person) Head of Cyber Security lab, Bannari Amman Institute of Technology.



Participants interacted with the resource person during the seminar

INNOVATION DAY CELEBRATION

During the innovation day, the cyber security students captivated the audience by presenting three remarkable projects.





**Nandha Engineering College
(An Autonomous Institution)
Erode-638 052**



Department of Computer Science And Engineering-(Cyber Security)

TEMPERATURE MONITOR WITH COOLING FAN

Brief Description

- It detects the temperature of the room and turn on /off the cooling fan, automatically by using thermistor sensor.
- When the room temperature is hot , the thermistor sensor detects the room temperature as increased then the cooling fan automatically turns on.
- When the room temperature is cold , the thermistor sensor detects the room temperature as decreased then the cooling fan automatically turns off.

Real Time Applications



- It is used in
- Theatres
 - Malls
 - Home
 - Office Areas, etc.

PROJECT TEAM

Student Details:

1. Sibikumar.C(22CC057)
2. Arrshan.V(22CC0001)
3. Hariharan.K(22CC0012)
4. Jerom Pal Singh.D(22CC0019)

Mentor:

**Ms.Rajaeswari, AP/CSE(CS),Nandha
Engineering College.**

The first project was an impressive temperature monitor equipped with a cooling fan. This unique creation demonstrated their ability to think beyond traditional cyber security concepts. By integrating hardware and software, they developed a monitoring system capable of detecting temperature variations and responding accordingly, effectively mitigating the risk of overheating and potential system failures.



**Nandha Engineering College
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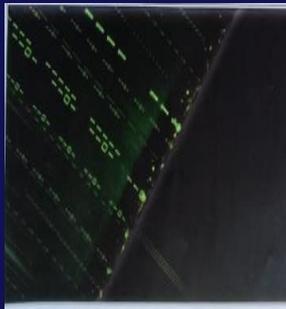
Department of Computer Science And Engineering-(Cyber Security)

ENCODED DATA

Brief Description

Steganography is the technique of hiding secret data within an ordinary, non-secret, file or message in order to avoid detection. The secret data is then extracted at its destination. The use of steganography can be combined with encryption as an extra for hiding or protecting data. In the code we have use c – ef, --embed file select file to the embedded, cf, --coverfile select cover –file , -p, <passphrase> to embed data. Encoding and Decoding are used in many form communication, including computing , data communications, programming, digital electronics and human communications. Important message can be transferred securely. Hackers can't be easily identified.

Real Time Applications



- It is used in
- It is used in army base to transfer a data one person to another

PROJECT TEAM

Student Details:

1. Dharun Kumar.C(22CC007)
2. Gowtham.S(22CC0010)
3. Pradeep.U(22CC0034)

Mentor:

Ms.Rajaeswari, AP/CSE(CS),Nandha Engineering College.

The second project centered around encoded data and encryption techniques. The students showcased their mastery of data protection by developing an intricate encoding system that ensured the confidentiality and integrity of sensitive information. Their dedication to implementing robust encryption measures highlighted their commitment to safeguarding data privacy, showcasing their understanding of the evolving challenges faced in the realm of cyber security.



**Nandha Engineering College
(An Autonomous Institution)
Erode-638 052**



Department of Computer Science And Engineering-(Cyber Security)

ANTI-PHISHING TOOL & EXPLORING KALI LINUX

Brief Description

In our project we are going to explore Kali Linux and its tools which give an awareness about hacking. In Kali Linux, tools like WiFite, Aircrack-ng, etc., steal your Wi-Fi passwords. We have installed a tool called Pyphisher which helps us to generate fake links. In case you touch that link, all your credentials will be harvested. So we have an application using languages like HTML, JavaScript, and CSS. By using this, anyone can find phishing websites and fake links and protect their privacy.



Real Time Applications

- It is used in
- Finding the phishing websites and link
 - You can stay safe while browsing
 - Awareness about hacking.

PROJECT TEAM

Student Details:

1. Gowtham.V(22CC011)
2. Haris.K(22CC0016)
3. Kavitharan.M(22CC0022)
4. Mohammed Ashad(22CC0028)

Mentor:

Ms.Rajaeswari, AP/CSE(CS),Nandha Engineering College.

The final project unveiled by the cyber security students was an anti-phishing tool combined with an exploration of Kali Linux. This innovative tool showcased their expertise in detecting and preventing phishing attacks, a prevalent threat in the digital landscape. By leveraging the powerful capabilities of Kali Linux, they demonstrated their proficiency in utilizing advanced tools and techniques to enhance cyber security.



Through this impressive display, the students not only demonstrated their technical skills and knowledge but also showcased their ability to effectively communicate and present their work.



Finally our students Got “Third Place” Award At Nandha ‘S Innovation Day 17 Feb 2023 .



Overall, the innovation day served as a platform for the cyber security students to showcase their talents and ingenuity. Through their projects, they exhibited their comprehensive knowledge of cyber security principles, as well as their ability to innovate and address emerging challenges. The event left a lasting impression on the audience, inspiring them with the students' dedication to advancing the field of cyber security and protecting against evolving threats.



Bhanuja.K ,CSE (CS) student, showcased remarkable skills and knowledge, earning them the second prize in the prestigious Tech Thesaurus competition.

List of students participated in the Senetics-22

S.No	NAME OF THE STUDENT	EVENT NAME
1	Bennirebkka.P	*IT Work Shop *Ice Breaker
2	Bhanuja.K	*IT Work Shop *Ice Breaker
3	Dharunkumar.C	*Code Hunter *It Work Shop-Data Analytics
4	Dayanithi.S.V	*Code Hunter
5	Dhivya.B.S	*Poster Making *It Work Shop *Code Hunter
6	Dineshkumar.G	*IT Workshop *Tech Treasure
7	Gowtham.S	*Clash Of Games *Free Fire *IT Workshop *Code Hunter
8	Gowtham.V	*Tech Treasure *Free Fire
9	Hariharan.K	*Free Fire *Tech Thesaurus *It Work Shop
10	Harini.M	*IT Workshop *Ice Breaker
11	Hariprasadh.RK	*Code Hunter *IT Workshop
12	Harish.K	*IT Workshop * Tech Thesaurus
13	Hemalatha.V	*Medigma *Code Hunter *It Workshop
14	Hinthu Mithran	*IT Workshop *Code Hunter *Ice Breaker
15	Jerom pal singh.D	*IT Workshop *Code Hunter *Ice Breaker
16	Karshna.K.G	*IT Workshop *Roll The Dice *Ice Breaker
17	Kavin.M	*Code Hunter *IT Workshop
18	Kavidharan.M	* Tech Thesaurus *Free Fire
19	kavyasri.M	*IT Workshop *Free Fire
20	Mahendiran.M	*IT Workshop *Free Fire

		* Tech Thesaurus
21	Mohammed Aadhil.N	*IT Workshop * Tech Thesaurus *Treasure Hunt
22	Mohammed Ibrahim.S	*IT Workshop *Treasure Hunt
23	Monisha.N	*IT Workshop *Roll The Dice *Ice Breaker
24	Nithya.S.B	*IT Workshop *Roll The Dice *Ice Breaker
25	Padhmini.D	*IT Workshop *Ice Breaker *Medigma
26	Pandy Keerthika.S	*IT Workshop *Code Hunters *Poster Making
27	Pradeep.U	*IT Workshop *Code Hunters
28	Praveena.E.S	*IT Workshop *Code Hunters *Ice Breaker
29	Priyadharshini.M	*IT Workshop *Treasure Hunt *Ice Breaker
30	Rithik.T	*IT Workshop *Code Hunters
31	Roshini.T.M	*IT Workshop *Treasure Hunt *Ice Breaker
32	Roshini.S	*IT Workshop *Treasure Hunt *Ice Breaker
33	Rubika.P	*IT Workshop *Treasure Hunt *Ice Breaker
34	Sakthivel	*IT Workshop *Code Hunters
35	Snegan.R	*IT Workshop *Code Hunters
36	Sounder.G	*IT Workshop *Treasure Hunt
37	Subhashini.R	*IT Workshop *Code Hunters *Ice Breaker
38	Sudarsan.S.N	*IT Workshop *Code Hunters
39	Tamilselvi.N.V	*IT Workshop *Ice Breaker

40	Thirupathi.C	*IT Workshop *Treasure Hunt
41	Varshini.S	*Poster Making *It Workshop *Treasure Hunt
42	Venkatesh.S	*IT Workshop *Code Hunters
43	Sibikumar.c	*IT Workshop *Symponesis 22-23 Tech

STUDENT CURRICULAR



Gowathm S, with his exceptional skills and keen eye for detail, achieved an impressive feat by clinching the coveted second place in the highly competitive Mobile Photography event held at Dr. N.G.P. Institute of Technology (Autonomous), Coimbatore – 641048 on 25th February 2023.



Gowtham.S, Gowtham.V, Pradeep.U, and Hinthu Mithran.P participated in a treasure hunt held at JKKN College of Engineering and Technology on 8th May 2023 and emerged as the winners, claiming the 1st prize.



Our students presented a project called Anti Phishing tool and Encoded data at Waves 23, Anna university on may 2 and may 3.



Our students participated in an event at Shri Shanmuga College of Engineering and emerged victorious, securing cash prizes for their outstanding performance.

S.NO	NAME OF THE STUDENT	YEAR	EVENT NAME	DATE	VENUE	RESULT (PARTICIPATED OR WINNING PLACES)
1	Gowtham.v	I year	Treasure Hunt	8.5.23	JKKN College Of Engineering and Technology	Participation
2	Gowtham.S	I year	Treasure Hunt	8.5.23	JKKN College Of Engineering and Technology	Participation
3	Hinthu Mithran	I year	Treasure Hunt	8.5.23	JKKN College Of Engineering and Technology	Participation
4	Bhanuja.K	I year	Paperism	3.5.23	Bannari Amman Institute Of Technology	Participation
5	Dineshkumar.C	I year	Project Display	3.5.23	College Of Engineering, Guindy	Participation
6	Gowtham.v	I year	Project Display	3.5.23	College Of Engineering, Guindy	Participation
7	Hariharan.K	I year	Project Display	3.5.23	College Of Engineering, Guindy	Participation
8	Haris.K	I year	Project Display	3.5.23	College Of Engineering, Guindy	Participation
9	Kavithran.M	I year	Project Display	3.5.23	College Of Engineering, Guindy	Participation
10	Mohammed Ashad.S	I year	Project Display	3.5.23	College Of Engineering, Guindy	Participation
11	Nithya.S.B	I year	Paperism	3.5.23	Bannari Amman Institute Of Technology	Participation
12	Hemalatha.V	I year	Paper presentation	28.4.23	Shri Shanmuga College of Engineering	1st prize and cash award 1000rs
13	Karsna K.G	I year	Paper presentation	28.4.23	Shri Shanmuga College of Engineering	3rd prize and cash award 500rs
14	Karsna K.G	I year	Code Debugging	28.4.23	Shri Shanmuga College of Engineering	Participation
15	Priyadharshini.M	I year	Paper presentation	28.4.23	Shri Shanmuga College of Engineering	1st prize and cash award 1000rs
16	Roshini. T.M	I year	Paper presentation	28.4.23	Shri Shanmuga College of Engineering	3rd prize and cash award 500rs
17	Roshini. T.M	I year	Code Debugging	28.4.23	Shri Shanmuga College of Engineering	Participation
18	Bhanuja.K	I year	Seminar	3.3.23	Kongu Engineering College	Participation

19	Dayanithi.S.V	I year	Seminar	3.3.23	Kongu Engineering College	Participation
20	Dharun Kumar.C	I year	Workshop	3.3.23	Karpagam College Of Engineering	Participation
21	Gowtham.S	I year	Seminar	3.3.23	Kongu Engineering College	Participation
22	Haris.K	I year	Seminar	3.3.23	Kongu Engineering College	Participation
23	Benirebekka.P	I year	Workshop	25.2.23	Dr.N.G.P.Institute of Technology	Participation
24	Dhivyaa B.S	I year	Workshop	25.2.23	Dr.N.G.P.Institute of Technology	Participation
25	Gowtham.S	I year	Project Presentation	25.2.23	Dr.N.G.P.Institute of Technology	Participation
26	Gowtham.S	I year	Mobile Photography	25.2.23	Dr.N.G.P.Institute of Technology	2nd place
27	Harini.M	I year	Workshop	25.2.23	Dr.N.G.P.Institute of Technology	Participation
28	Hemalatha.V	I year	Workshop	17.2.23 and 18.2.23	Karpagam College Of Engineering	Participation
29	Hinthu Mithran.P	I year	Workshop	17.2.23 and 18.2.23	Karpagam College Of Engineering	Participation
30	Bharanidharan.R	I year	Workshop	17.2.23 and 18.2.23	Karpagam College Of Engineering	Participation
31	Benirebekka.P	I year	Seminar	28.12.22	Nandha Engineering College	Participation
32	Bhanuja.K	I year	Seminar	28.12.22	Nandha Engineering College	Participation
33	Bharanidharan.R	I year	Seminar	28.12.22	Nandha Engineering College	Participation
34	Dayanithi.S.V	I year	Seminar	28.12.22	Nandha Engineering College	Participation
35	Dinesh Kumar	I year	Seminar	28.12.22	Nandha Engineering College	Participation
36	Gowtham.S	I year	Seminar	28.12.22	Nandha Engineering College	Participation
37	Hariharan.K	I year	Seminar	28.12.22	Nandha Engineering College	Participation
38	Harini.M	I year	Seminar	28.12.22	Nandha Engineering College	Participation
39	Hemalatha.V	I year	Seminar	28.12.22	Nandha Engineering College	Participation
40	Jerom Pal Singh.D	I year	Seminar	28.12.22	Nandha Engineering College	Participation
41	Gowtham.S	I year	Clash of Gamers	23.11.22 to 25.11.22	Nandha Engineering College	2nd prize
42	Bhanuja.K	I year	Tech Thesaurus	23.11.22 to 25.11.22	Nandha Engineering College	2nd Prize



MADHANA VIGNESH G.T Student CSE (CS) won 1st prize (Otrai Kambu) in 3rd National Traditional Silambam Championship 2022.



ALL INDIA TRADITIONAL SILAMBAM WELFARE ASSOCIATION

ORGANIZED BY:
TAMILNADU TRADITIONAL SILAMBAM WELFARE ASSOCIATION

National Coach / Judge Seminar

S.No: 2016




This is to Certify that Mr / Ms. G.T.MADHAN VIGNESH has undergone the training and qualified in examination. He / She is awarded this certificate in Silambam National Coach / Judge Seminar on 25th to 27th November 2022 held at BUILDERS ENGINEERING COLLEGE Erode road, Nathakadiyur, Tirupur District, Tamilnadu He / She is authorized to perform above duties in National Level.

Division A Marks 72 %

Sudrah Sangit
WORKING PRESIDENT
AITSWA

M.G. Dharani
ORGANIZING SECRETARY
AITSWA

A. Nagaraj Rao
GENERAL SECRETARY
AITSWA

The individual silambam (ottrai kambu 70 Sec)

	Thickness 3/4 (or) 1"	Legend
		80% and above Distinction
		70% to 79% 1st Divn.
		60% to 69% 2nd Divn.
		50% to 59% 3rd Divn.

4 1/2 FEET 5 FEET 5 1/2 FEET

Double event (Erattai kambu 120 Sec)

		
Nedukambu jodi	Nedukambu+sedukuchi (siltha)	Nedukambu + Deer horn
		
sedukuchi + sedukuchi (3 feet)	Siltha + Siltha 1 1/2 feet length	

Team Event 90 Sec

		
2.5 meter ribbon one side Ribbon stick	2.5 meter ribbon Both side Ribbon stick	Both side Ball Slick
		
Sword	Deer horn	

The student took on the role of a coach, guiding and mentoring others in the art of Silambam.

அடிமை நீக்கம்

அடிமை என்னும் சங்கிலி அறுபட்டும்
அடிமைபடுத்தும் ஆட்சி ஒழியட்டும்
ஒற்றுமையால் மக்கள் இணையட்டும்
அன்பால் உள்ளம் நிரையட்டும்
நாட்டில் வளர்ச்சி பெருகட்டும்
சுதந்திரம் என்னும் வெற்றிக்கொடி
நம் உலகெங்கும் பரவட்டும்!

“வினாக்கள் நூறாயிரம் ஆயினும்
விடை நாம் வாழ்கின்ற வாழ்வே!”

BY:

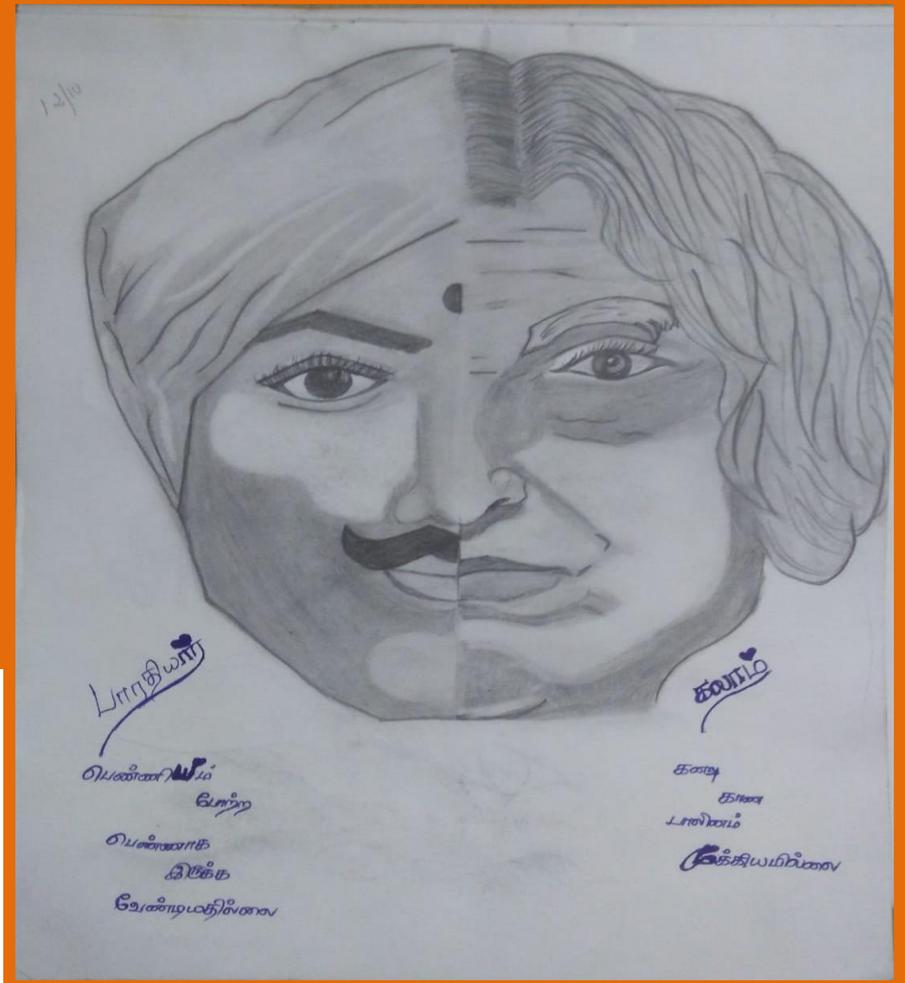
KARSNA.K.G

1st year -B.E CSE(CYBER SECURITY)

Karsna.K.G a student of CSE (CS), eloquently penned a poignant poem commemorating the eradication of slavery.

Hemalatha.V a student CSE (CS), has showcased a remarkable fusion of talent and vision as she skillfully portrayed a captivating painting of two eminent figures in Indian history, Maha kavi Bharathiyar and Abdul Kalam.

She has deftly respect between these two great souls, their gazes locked in a silent exchange of inspiration and reverence. This painting served as a poignant tribute, reminding us of the enduring legacies left these extraordinary individuals who played pivotal roles in shaping the nation's history.

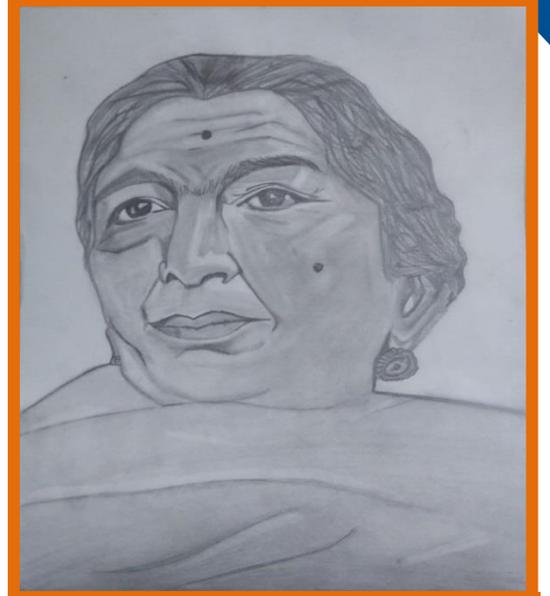


Sabarish N, a first-year Cyber Security student, has penned a captivating poem that beautifully explores the essence and profound significance of freedom.

விடுதலை

சிறகுகள் சிறையிலிடுவதற்கு அல்ல
சிறகடித்து சிகரம் தொடுவதற்கு
கோடி என கொடுமையிலும்
வாடுகின்ற வறுமையிலும்
பட்டினியிலும் பஞ்சத்திலும்
ஆற்றல் இழக்கின்றான் அடிமை
அடிமை ஆவதும் கொடுமை
அடிமைபடுத்துதலும் கொடுமை
ஆக்க பிறந்தவனாக மனிதன் இருக்கலாம்
பிறரை ஆளப் பிறந்தவனாக அல்ல
அடிமை என்னும் அவளம் நீங்க
மக்களிடையே மாற்றங்களும்
மனசாட்சியின் தோற்றங்களும் வேண்டும்
கட்டிவைக்கும் அடிமைத்தனத்தை கட்டவிழ்த்து
உலகில் உயர்வுக்காக உரிமை வேண்டி
உணர்த்தி நிற்போம்
அண்டத்தின் அழிவிற்கு
அடிமைத்தனம் ஆணியேவராகும்
உயிரேன ஒலித்து
அடிமைத்தனம் ஒழித்து
அமைதி பெறுவோம் இவ்வுலகுக்கு!!
- சபரிஷ்

BY:
SABARISH.N
1st year- B.E CSE (CYBER SECURITY)



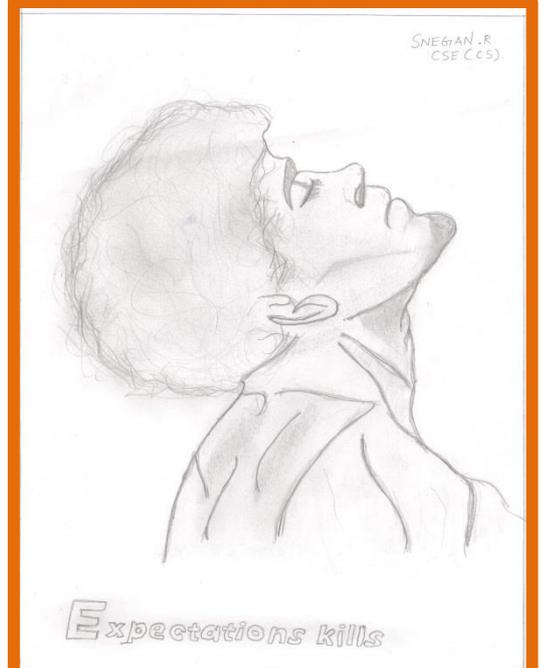
Hemalatha.V, a student of CSE (CS), has beautifully captured the essence of Sarojini Naidu, the Nightingale of India, in her portrait.

இயற்கை

இயற்கை என்பதை நான்கு வரிகளில்
இலக்கியத்தில் கூற இயலாது!
அதிகாலை நேரத்தில் ஆண்டவனை விட
ஆதவனே கண்ணுக்கு தெரிகிறான்!
அதுபோல இயற்கை இல்லை என்றால்
இது புவி இல்லை!
ஆகையால் இவ்வுலகை என் உயிரோடு இணைத்து
தமிழின் இனிமையோடு இணைக்கிறேன்!
ஒரு தோட்டத்தில் துளசி செடி இல்லை என்றால்
அது நந்தவனம் ஆகாது!
தேனை தரணிக்கள் பார்த்து கொள்வது போல
நட்சத்திரங்கள் உன்னை சுற்றி நகர்கின்றன!
கலைந்து சென்ற மேகங்கள்
வரைந்து சென்ற ஓவியமே நிலா!
விடிய விடிய எழுதி தூக்கி போட்ட மழை கவிதை
படித்து இயற்கையே குளிர்ந்து போனது!!

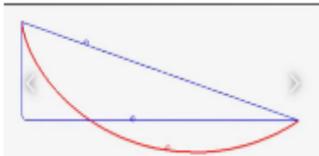
BY
PRIYADARSHINI.M
1St year- B.E CSE(CYBER SECURITY)

Where cyber security and nature find a space. Priyadarshini poem, a testament to the sublime, Uniting two worlds in harmony, for all time.



Snegan. R, a first-year Cyber security student, has created a thought-provoking artwork centered around the theme of "Expectations Kill," offering a profound visual representation.

BRACHISTOCHRONE



IT IS THE FAMOUS PROBLEM OF FASTEST DESCENT

The curve of fastest descent, is the one lying on the plane between a point A and a lower point B, where B is not directly below A, on which a bead slides frictionless under the influence of a uniform gravitational field to a given end point in the shortest time. The problem was posed by Johann Bernoulli in 1696.

The fastest one is the red path, Because it creates a steeper path at inception, which picks up more speed. This added speed more than makes up for the extra distance that you the ball has to travel with the curved path. This is a cycloid generated by a rolling circle.

-RAHUL ARAVINDH.M

Rahul Aravindh M, a first-year Cyber Security student, has impressively elucidated the Brachistochrone problem, demonstrating not only his understanding of this captivating physics concept but also his ability to articulate it effectively.



Sundar Pichai, the CEO of Google, has been impressively depicted by Padhmini D, a first-year Cyber security student.

- Roshini.T.M

Zero-day (also known as a 0-day) is a pc-software vulnerability previously known to those who must be interested by its mitigation, just like the seller of the target software .Till the vulnerability is mitigated, hackers can make the most of it to adversely affect packages, facts, extra computers or a community .An take advantage of taking gain of a zero-day is known as a zero-day exploit, or zero-day assault.

The term “zero-day” initially cited the number of days because a new piece of software was launched to the public, so “0-day software” turned into and obtained by way of hacking right into a developer’s pc earlier than launch. Ultimately the term was carried out to the vulnerabilities that allowed this hacking, and to the wide variety of days that the seller has had to restoration them .Once the companies study of the vulnerability, they’ll typically create patches or recommend workarounds to mitigate it.

The greater currently that the seller has end up aware about the vulnerability, the more likely it’s miles that no repair or mitigation has been advanced. Once a restoration is evolved, the chance of the make the most succeeding decreases as greater customers practice the restoration through the years. 0-day assaults are a extreme risk.

Zero-day protection is the potential to offer protection against zero-day exploits. Because 0-day assaults are generally unknown to the general public, it’s far frequently tough to protect against them. Zero-day assaults are often effective in opposition to “comfortable” networks and might stay undetected even after they may be launched. Hence, users of so-called comfortable structures must additionally exercising common experience and practice safe computing conduct.

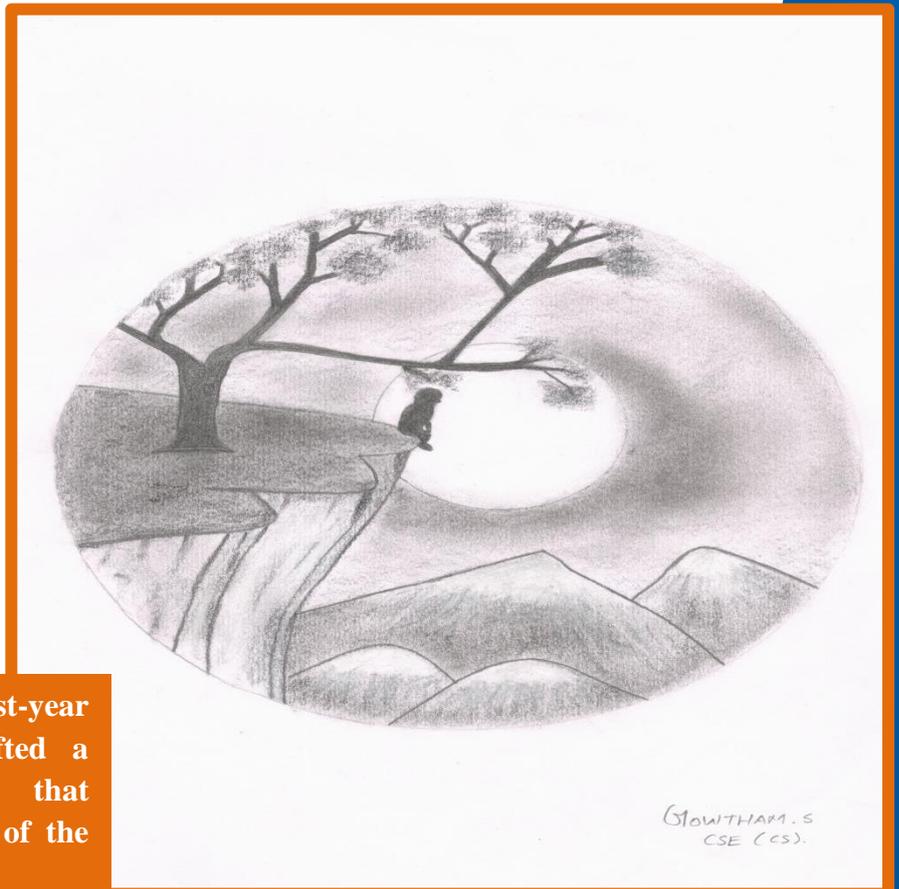
Many techniques exist to restriction the effectiveness of zero-day memory corruption vulnerabilities including buffer overflows. Those safety mechanisms exist in present day working structures including macOS, home windows Vista and past , Solaris, Linux, Unix, and Unix-like environments; home windows XP carrier p.c. 2 includes restricted protection towards everyday memory corruption vulnerabilities and previous variations consist of even less. Typically, these technologies contain heuristic termination analysis for you to stop assaults earlier than they motive any damage.

It’s been counselled that an answer of this kind may be out of reach because it’s far algorithmically not possible in the preferred case to investigate any arbitrary code to decide if it is malicious, as such an analysis reduces to the halting hassle over a linear bounded automaton, that is unsolvable. It’s miles, however, unnecessary to address the overall case (that is, to kind all programs into the types of malicious or non-malicious) beneath most situations to be able to put off a huge variety of malicious behaviours. It suffices to apprehend the protection of a restricted set of application at the same time as rejecting each a few secure and all dangerous packages.

The Zero day Emergency response group (ZERT) became a set of software engineers who worked to release non-seller patches for zero-day exploits.



Sakthivel G, a first-year Cybers ecurity student, demonstrated his artistic prowess by creating a remarkable lion artwork.



Gowtham S, a first-year Cybersecurity student, has crafted a breathtaking nature painting that captures the essence and beauty of the natural world.

GOWTHAM.S
CSE (CS).

FACULTY EXTERNAL TRAINING

S.No	STAFF NAME	COURSE	TITLE	COLLEGE	PERIOD OF DATE
1.	Dr. S. Prabhu	FDP	Innovation in Recent Trends in Computing	JIS University	28.11.2022 to 2.12.2022
2.	Dr. S. Prabhu	Conference	An Effective Denial of Service Texture Features From Malware Grayscale Image	Nandha College Of Technology	19.4.2023
3.	Dr. S. Prabhu	Workshop	Proposal Writing Workshop	PALS	28.4.2023 and 29.4.2023
4.	Mrs. B.Raja Rajeswari	Workshop	Cyber Security	Nandha Engineering College	18.12.2022

FACULTY JOURNAL PUBLICATION

S.NO	STAFF NAME	NAME OF THE JOURNAL	NATIONAL/ INTERNATIONAL	PAPER TITLE	PERIOD
1.	Dr. S. Prabhu	Gradiva Review Journal	International	Cloud Task Scheduling Based On Two Stage Strategy Using Dynamic Algorithm	Nov 2022
2.	Dr. S. Prabhu	International Journal of Engineering Technology and Management Sciences	International	A Technical survey on Identification and Diagnosis of Diseases Using Deep Learning	Oct to Nov 2022

FACULTY ONLINE COURSES

S.No	STAFF NAME	COURSE	TITLE	PERIOD OF DATE
1.	Dr. S. Prabhu	NPTEL	Teaching and Learning in General programs: TALG	Jul-Aug 2022
2.	Dr. S. Prabhu	CISCO	Cyber security Essentials	24 Sep 2022
3.	Dr. S. Prabhu	CISCO	Introduction to Cyber security	24 Sep 2022
4.	Dr. S. Prabhu	Infosys Springboard	Basics of Python	7 th Oct 2022
5.	Dr. S. Prabhu	Microsoft Certification	Virtual Internships	3 rd Oct 2022
6.	Dr. S. Prabhu	Intellectual Property India	National Intellectual Property Awareness Mission	23 Sep 2022

ACADAMIC TOPPERS



BHANUJA. K
Dept 1st



KARSNA. K. G
Dept 2nd



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