

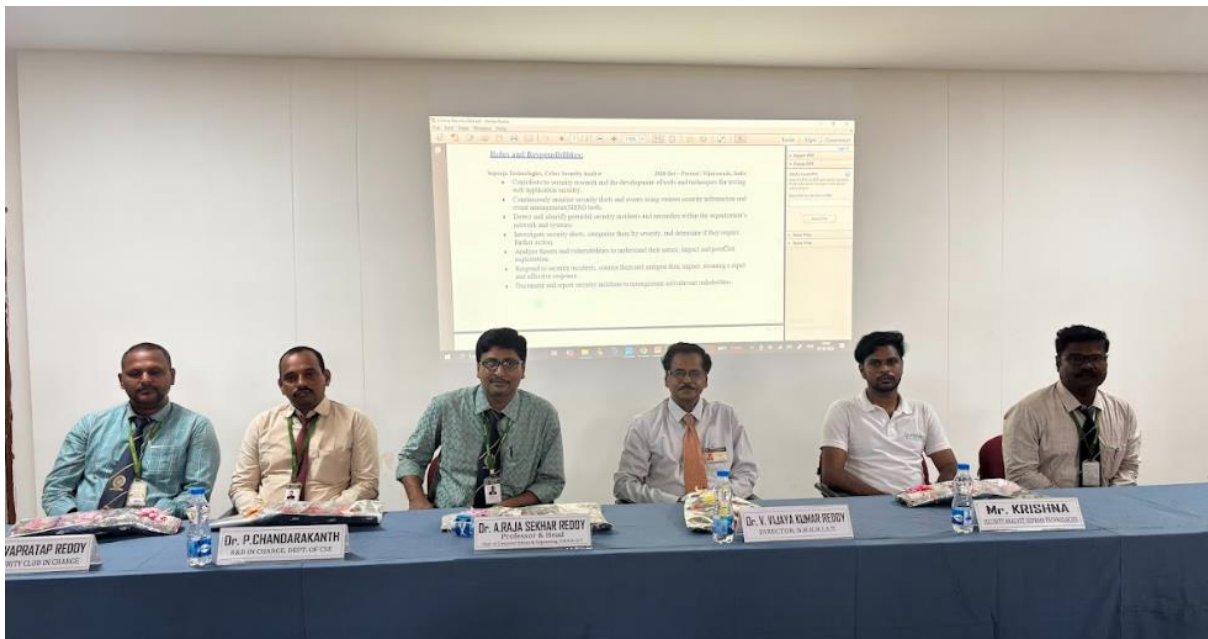
IEEE SB NBKRIST 2025-2026

Event report

Event Name	: 4 days workshop on CYBERSECURITY
Conducted On	: 7 April 2025 to 10 April 2025
Venue	: New CSE Seminar Hall
Event Organized By	: 3 rd year IEEE members
No of attendees	:145

DAY 1 REPORT:

The workshop began with a warm welcome address by Dr. V. Vijay kumar reddy sir, Director of NBKRIST, who highlighted the growing importance of cybersecurity in academia and industry. The first session was led by Mr. Krishna, lead trainer from Supraja Technologies, who introduced the fundamentals of cybersecurity. He started by engaging students with questions like "What comes to your mind when you hear the term 'cyber attack'?" and "Can hacking ever be ethical?" This interactive discussion set the tone for the day.





Mr.Krishna then explained the different types of hackers—black hat, white hat, and grey hat—using real-world examples like the WannaCry ransomware attack and ethical hackers like Kevin Mitnick. He also covered basic terminologies such as malware, phishing, and encryption.

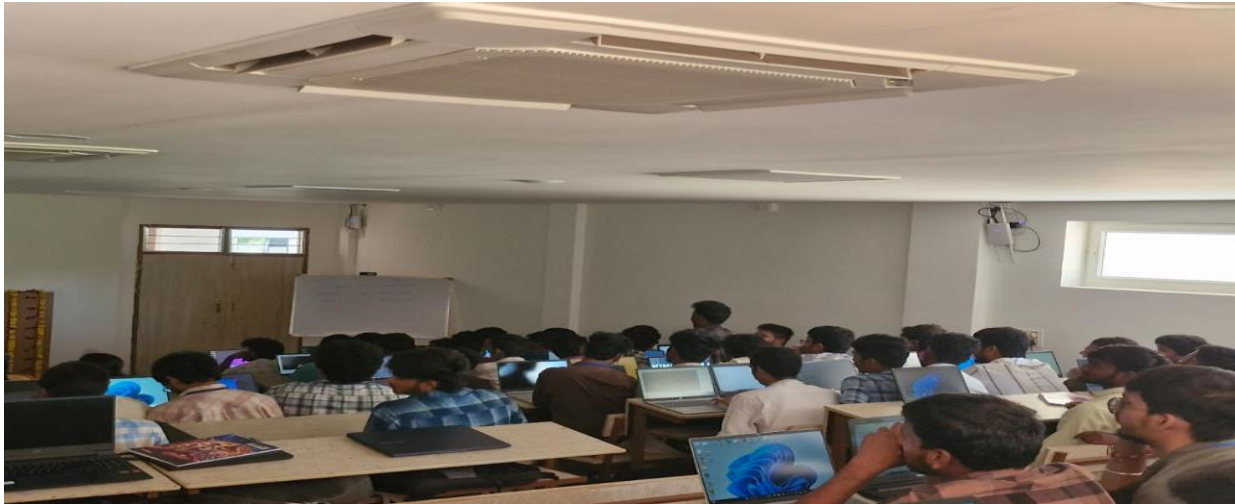
The morning session concluded with a live demonstration of how easily public Wi-Fi networks can be exploited using tools like "Aircrack-ng."

In the afternoon, the focus shifted to hands-on learning. Students were introduced to password security through websites like "Have I Been Pwned" and "How Secure Is My Password." Mr.Krishna also demonstrated how weak passwords can be cracked using "John the Ripper." The day ended with an assignment where students had to analyze a sample phishing email and identify red flags.

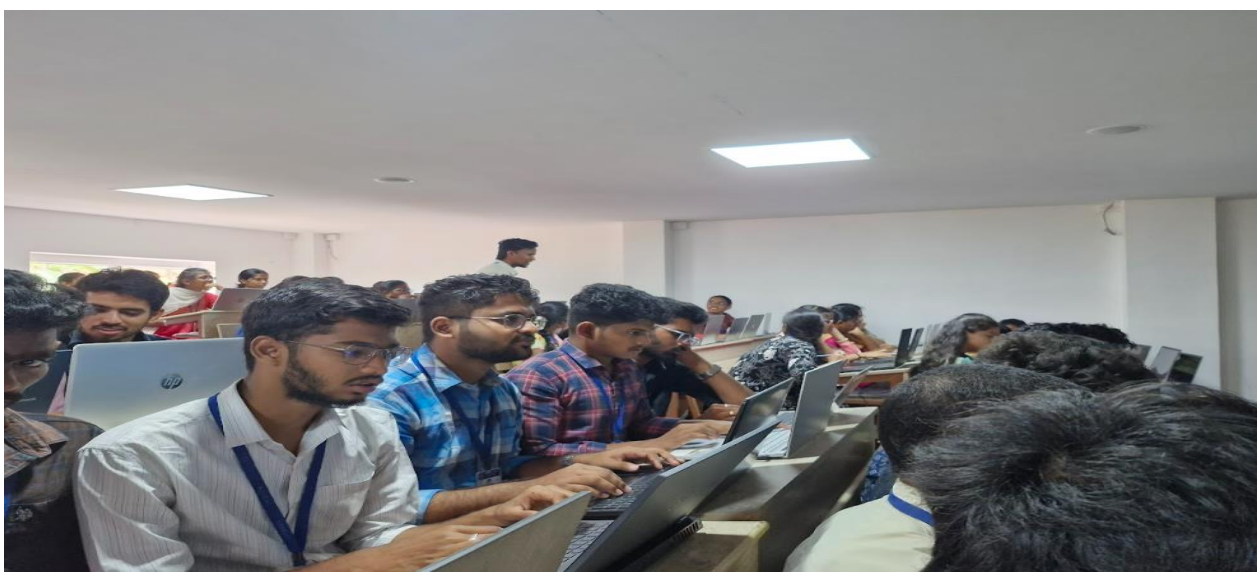


DAY 2 REPORT:

Day 2 started with a recap of Day 1's key concepts. The session then transitioned into networking fundamentals, where the team explained the OSI model, TCP/IP protocols, and the significance of IP addresses. They used Wireshark to demonstrate packet sniffing, showing students how unencrypted data (like HTTP traffic) can be intercepted on a network.

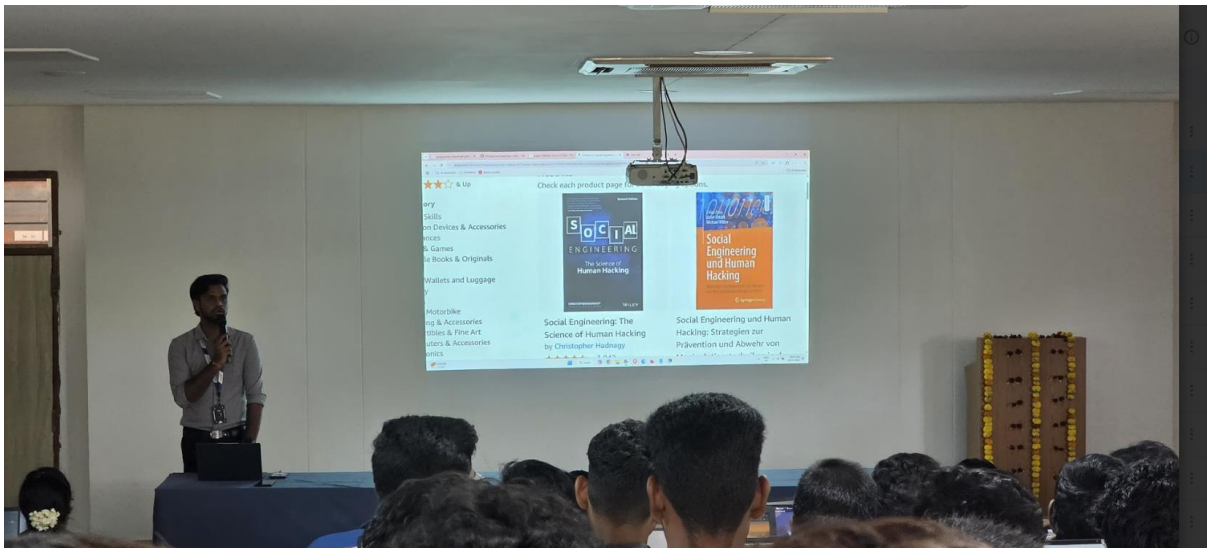


The afternoon was dedicated to practical exercises. Students worked in pairs to capture and analyze network traffic using Wireshark. They were also taught about port scanning with "Nmap" and how to identify open ports on a system. The highlight was a real-time demo where Mr. Krishna showed how attackers can exploit open ports to gain unauthorized access. The session wrapped up with a discussion on firewalls and intrusion detection systems (IDS).



DAY 3 REPORT:

The third day began with a deep dive into web application security. The Team explained common vulnerabilities like SQL injection, Cross-Site Scripting (XSS), and Cross-Site Request Forgery (CSRF). Using "Burp Suite," they demonstrated how attackers manipulate web requests to bypass security measures. Students were shocked to see how a simple SQL injection could expose an entire database.

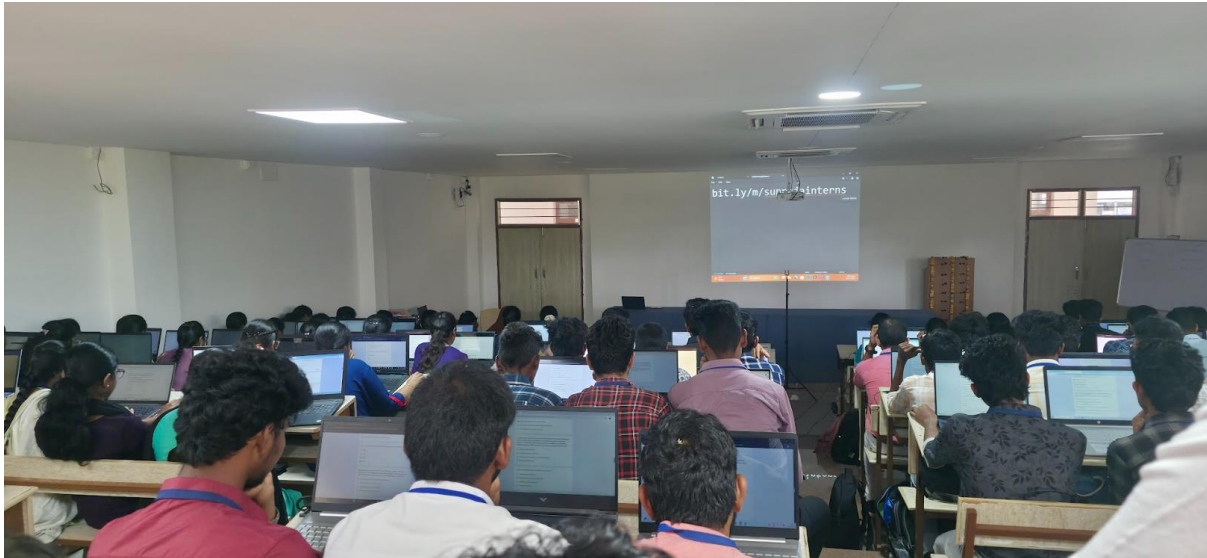


After lunch, the topic shifted to steganography—the art of hiding data within files. The Team used tools like "Steghide" and "BinWalk" to show how text or images can be concealed inside audio or picture files. Students then participated in a challenge where they had to decode hidden messages from sample files.



DAY 4 REPORT:

The final day of the workshop was dedicated to putting all the learned skills into practice through an exciting Hackathon. The event began at 9:30 AM, where participants were divided into teams of three, each tasked with solving real-world cybersecurity challenges in a Capture The Flag (CTF) competition.



The CTF comprised multiple rounds, including:

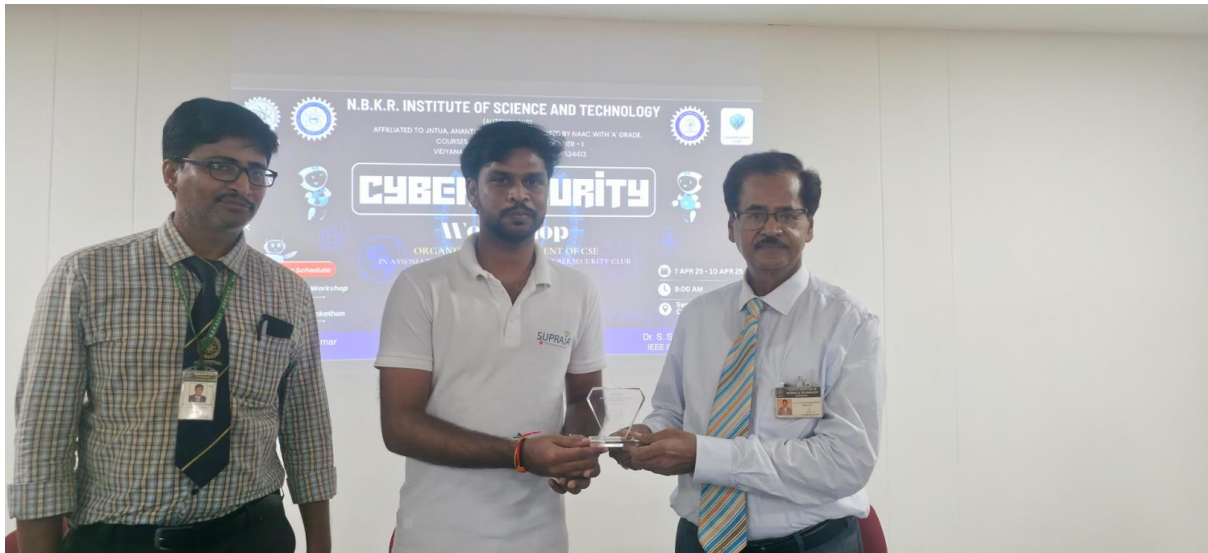
Password Cracking: Teams used tools like John the Ripper and Hashcat to break into encrypted files.

Network Analysis: Participants analyzed packet captures in Wireshark to uncover hidden flags.

Web Exploitation: Vulnerable web applications were provided, requiring teams to perform SQL injection and XSS attacks to retrieve sensitive data.

Steganography: Hidden messages inside images and audio files had to be extracted using tools like Steghide.





A live leaderboard displayed real-time rankings, adding a competitive edge to the event. The hackathon concluded at 2:30 PM, followed by a feedback session where students shared their experiences and suggestions.



The workshop officially ended with a certificate distribution ceremony, where all participants received participation certificates, and the winning team was awarded special prizes. Supraja Technologies also extended internship opportunities to the top performers, recognizing their exceptional skills.

Closing Note:



The four-day workshop successfully bridged the gap between theoretical cybersecurity concepts and hands-on ethical hacking techniques. The Hackathon was a major highlight, allowing students to test their skills in a real-world scenario. Special thanks to Supraja Technologies for their expert guidance and NBKRIST for hosting this impactful event.

PARTICIPANTS:

Full Name(as you want to print in the certificate)	year	Branch	sec
Balaji Balasa	3	AIDS	A
Kanumuru Rithika	2	CSE	B
Challa Sai Sujitha Kumari	3	CSE	A
Sowmya balli	3	CSE	A
KARNAM VENKATA CHAITANYA	2	AIDS	B
B.GOPIRAMIREDDY	3	CSE	C
Yadapalli GangaChandra Mahesh	2	CSE AIML	None
Anamtoji Mahesh	2	CSE AIML	None
Panyam Sathya Teja	3	CSE	B
Nalagala Sravanthi	3	CSE	A
Dinesh Rajasekhar	3	CSE	A
Ramabathina Lasya Priya	3	AIDS	A
Veluri Prasanth	2	IT	None
SRIMATH BHAGAVATHAM SRINIVASA THANOOJ KUMAR	3	CSE	B
M.DeepakReddy	2	AIDS	B

SASI BHARGAV BELLAMKONDA	3	IT	None
P.M.charishmaReddy	3	AIDS	A
Vasudha Onteru	3	IT	None
Viswa Tejaswini Thallapaka	2	CSE AIML	None
Lekha sree Mudduluru	2	CSE	C
Konduru umesh Varma	3	CSE	A
Nandini Sannareddy	3	CSE	A
Udayagiri Venkata Sai Keerthi	3	CSE	B
Allampati Devaki Nanda Reddy	3	CSE	C
Mahammad Umar	3	CSE	A
Kami likhith	2	AIDS	B
VEERAVALLI SRIRAM	3	CSE	A
Venati Pavithra	2	AIDS	A
Guru vishnu	2	CSE AIML	None
Singamsetty Pujitha	2	AIDS	A
SHAIK CHARISHMA	2	CSE	C
Sk Misral bhanu	2	CSE	B
SYED MOHAMMAD RIZWAN	3	CSE	A
Eduru Abhijith	1	CSE	C

JALLI SATHISH	2	CSE	A
Harsha vardhan Paluru	1	CSE	D
Sneha Latha Navakoti	2	CSE	A
Addagarla Sai Lokesh	1	CSE	D
PRINCY BUTHAPATI	2	AIDS	B
MAMIDELA RISHI KARTHIK	2	CSE	A
Katta Guravaiah	2	CSE	A
DUGGIREDDY BHARATH KUMAR REDDY	2	CSE	A
Choppavarapu Joel Judson Paul	1	CSE	E
SAMBATURU VENKATA ASRITHA	2	CSE	C
N. UPALI	2	CSE AIML	None
Thirupathi snehalatha	2	CSE AIML	None
Pattipati Veera Narayana	2	CSE AIML	None
B Sri Saranya	2	CSE	D
Radarapu prasanth	2	CSE AIML	None
T.VEERA ABHINAV REDDY	1	CSE	D
GALI KEDARA SAI ADITHYA	1	CSE	D

Shaik Mohammad Faizil	1	CSE	E
Srija yarrabathina	2	CSE	A
Shaik Masthan bee	2	CSE	A
Bellamkonda Saranya	2	CSE AIML	None
Ch.Rohith	2	CSE	A
MUSTAB SHIRA SHAIK	2	CSE	A
PUDI JISHITHA	2	CSE	A
Nakka chaitra	2	CSE	A
Lasya Annam	2	CSE	A
Lalasa Annam	2	CSE	A
M.Muni Mounika	2	CSE	A
V.Kamal Vaarshneya Reddy	1	CSE	B
Konga Dinesh	2	CSE	D
Basumgari William Care	2	CSE	C
MOTHI SRI THIRUPATHI	2	CSE	A
G.chaithanya kumar	2	CSE DS	None
RAMAYANAM CHARAN TEJ	2	CSE	A
Annamgi Chandhana	2	CSE	A
P Deekshith	1	CSE	D
Kesineni Dinesh Karthik	1	CSE	D

SATHVIK POLIPATI	2	CSE	D
SHAIK LATHEEF	1	CSE	C
PULIKONDA SRINIVAS	2	AIDS	B
Shaik Mahamood	3	CSE	C
A.sai samslesh	1	CSE	A
SINGAMSETTI VENKATA NAVADEEP SAI	1	CSE	D
KARUMANCHI RAGHURAM	1	CSE	E
ANNALA KULA DEEPAK	1	CSE	E
VANNEM AISHWARYA	1	CSE	B
N Santhosh	2	CSE	B
Nelluru Jaswanth	2	CSE	C
K.Srinivas Teja	2	IT	None
PALUKURU PRAKASH	2	IT	None
Shaik Jeeshan Ahmed	2	CSE	B
NALLAM RAMESH	2	AIDS	B
Pochareddy Nikitha	2	AIDS	A
Vadlapudi Varun Kumar	2	AIDS	A
Thallapareddy Tejaswi	2	CSE	A
T.Tejaswini	2	IT	None
E.Udayani sree	2	IT	None

S. Hari Krishna	2	IT	None
DUVVURU SRILAKSHMI	2	IT	None
RUDRA RAJESWARI	2	IT	None
Jadapalli siva mani	2	IT	None
Kalathuru Vasanth	2	IT	None
ENAPAKAM BHANU TEJA	2	IT	None
B.keerthikeswar	2	CSE AIML	None
SAISATHWIK YEMPULURU	2	CSE AIML	None
Shaik Khaleel Akmal	2	CSE AIML	None
V poojith Sai chand	2	CSE AIML	None
Chennuru Vishnu Teja	2	CSE AIML	None
K RAKESH REDDY	2	CSE AIML	None
Kuduru chandu	2	CSE	B
Pannersi Praveen Kumar	2	CSE	C
B.SAI ANVESH	2	CSE	D
CHENNURU CHANDRIKA	2	AIDS	A
MALLI MAHITHA	2	AIDS	A

DUVVURU HARSHANTH REDDY	2	AIDS	B
SREE VARSHITHA KETHI REDDY	2	IT	None
KARTHIK REDDY SURA	2	IT	None
Shaik Arsalaan basha	2	AIDS	B
Shaik Shahul Hameed	2	IT	None
J.tarron rupesh	2	AIDS	B
Meejuru Nagendra Babu	2	IT	None
ARNEPALLI SIVAKUMAR	3	CSE	C
BAREDDY VENKATESWARLU	3	CSE	C
Bondili Sainadh Singh	3	IT	None
SHAIK MOHAMMAD AFNAN SHAHID	3	AIDS	A
UMMADI SRAVAN KUMAR	3	AIDS	A
Vijay Gali	3	AIDS	A
SK SOHAIL	3	AIDS	A
Pattan Azfar	3	CSE	B
Banda Kavitha	3	CSE	A
P. MAHESH REDDY	3	CSE	B
YARRASANA SHARATHKUMAR REDDY	3	IT	None

Mavilla Prasanth	3	CSE	B
Vardhan Allavari	3	CSE	A
Paramesugalla Guru Charan Teja	3	CSE	B
GUJJALAPUDI CHARAN SAI	3	AIDS	B
Charanya Chejarla	3	CSE	A
Karthikeswar Bezawada	3	CSE	B
Ashish Kaushik	3	CSE	C
Bukka Chandana	3	CSE	A
KUDUMU VINEETHA	3	CSE	A
BIRADAWADA LAVANYA	3	CSE	B
GADDAM VENKATA VAMSI KRISHNA	3	CSE	C
Nikhil Yanadi	3	CSE	B
Challa Aswini	3	CSE	A
KAVYA THUTUKURU	3	CSE	A
NUSUM SAI SIREESHA	3	CSE	A
MADDIREDDY HARSHAVARDHAN REDDY	3	CSE	A
N.Sumanjali	2	CSE	B
G.Neha	3	IT	None