Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

SCHOOL OF COMPUTING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

CyberNix'25

15 Feb 2025

EVENT RULEBOOK

https://cybernix.netlify.app/

DECRYPT DOMINION

Step into the realm of Decrypt Dominion, where cryptography meets ingenuity. Take on the challenge of cracking complex ciphers, decrypting hidden messages, and uncovering secrets buried in algorithms. This is your chance to dominate the world of cryptography, hash cracking, and reverse engineering. Sharpen your analytical skills, dive deep into encryption methodologies, and emerge as the ultimate codebreaker in this thrilling intellectual conquest.

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Participants will compete in teams of up to two members in a 60-minute challenge on the TryHackMe platform. The event will focus on cryptographic ciphers and decoding techniques, testing participants' ability to decrypt and analyze encrypted messages. Teams must bring their own laptops and personal hotspots, as no devices or internet facilities will be provided. Only tools and resources available on the platform are permitted, and seeking external assistance is strictly prohibited. The team with the highest points at the end of the challenge will be declared the winner, with ties resolved based on completion time or other criteria set by the judges. Fair play, collaboration within teams, and adherence to the rules are mandatory, and any unauthorized behavior will lead to disqualification.

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Date: 15/02/2025
Time: 11:00 am - 1:00 pm
Team size: 1 - 2

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Student coordinator

Mohib Rasool- 8125280518

PROBE AND PURSUIT

Welcome to Probe and Pursuit, the ultimate test of your OSINT expertise. From reconnaissance and information gathering to advanced Google Dorking and Shodan exploration, this challenge puts your investigative skills to the test. Unearth hidden data, trace digital footprints, and analyze publicly available intelligence like never before. Whether you're a seasoned researcher or a curious investigator, embark on a pursuit of knowledge where every probe brings you closer to the truth.

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Participants will compete in teams of up to two members in a 60-minute challenge on the TryHackMe platform. During this time, teams must solve cybersecurity challenges focused on reconnaissance, which involves gathering publicly available information. They may use any tools or resources provided on the platform but cannot seek external assistance. Participants are required to bring their own laptops and personal hotspots, as no devices or internet facilities will be provided. The team with the highest points will win, with ties broken based on time or other criteria determined by judges. Fair play, integrity, and adherence to rules are mandatory, and any unauthorized behavior will result in disqualification.

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Date: 15/02/2025
Time: 11:00 am - 1:00 pm
Team size: 1 - 2

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Student coordinator
Shri Varshan K - 8637406402

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CYBER CRAFT

Step into the world of Cybercraft Ideathon, a dynamic platform where innovation meets cybersecurity excellence. This contest invites participants to tackle real-world challenges in the digital realm, pushing the boundaries of creativity and problem-solving. From securing networks to defending against cyber threats, participants will brainstorm, design, and present cutting-edge solutions. Whether you're a passionate student, a tech enthusiast, or an industry professional, this ideathon is your chance to showcase your talent, collaborate with like-minded individuals, and contribute to shaping the future of cybersecurity. Innovate to secure a safer tomorrow!

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The CyberCraft Event allows teams of up to two participants each. At the start of the event, teams will be provided with a problem statement. They will then have a 10-minute brainstorming session to generate ideas without using the internet or AI tools, during which they will describe and sketch their solution on an A3 sheet. Following this, teams will have 30 minutes to create a PowerPoint presentation. During this phase, participants can use the internet to research, refine their ideas, and verify the feasibility of their solutions. An additional 30 minutes will be allocated for teams to practice and refine their presentations.
Each team will then present their solution to the judges, focusing on the reliability, innovation, and real-world applicability of their ideas. Judges will evaluate the solutions based on three main criteria: how realistic and practical the idea is (idea reliability), the creativity and uniqueness of the solution (innovation), and how effectively it addresses the given problem (real-world problem-solving). Winners will be selected based on these evaluations.
It is essential to adhere to the rules, as any violation, such as using AI during the brainstorming phase, will result in disqualification.

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Date: 15/02/2025
Time: 2:00 pm - 4:00 pm
Team size: 1 - 2

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Student coordinator

Prasanth Kumar S - 9080029986

PUZZLER

Welcome to Puzzler, a challenge that puts your analytical thinking and problem-solving skills to the ultimate test. Participants will navigate through two intriguing sets of QR codes–one containing scattered flags and the other providing critical hints to uncover their positions. Piece together the clues, connect the dots, and unlock the final flag. Whether you're a strategic thinker or a puzzle enthusiast, this event offers a thrilling journey where every scan brings you closer to victory. methodologies, and emerge as the ultimate codebreaker in this thrilling intellectual conquest.

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Participants will receive 6 sets of QR codes, each containing 15 QR codes. Each QR code will include a fragmented piece of a flag along with a hint indicating its position in the complete flag. Participants must scan the QR codes, decode the fragments, and reconstruct the 6 flags correctly within the specified time. The focus is on problem-solving skills, collaboration, and attention to detail in piecing together the fragmented flags.
If the number of participants is high, the event may be conducted in two rounds to ensure fair competition and better engagement.

sample flag: flag{a1zc3d4e5f6g7h8i9j0kl2m3n4}
flag size: 32 characters

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Date: 15/02/2025
Time: 2:00 pm - 4:00 pm
Team size: 1 - 2

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Student coordinator

Jones P - 8438209839

PROJECT EXPO

Welcome to Project Expo, a platform for students to present their innovative projects and share their creative solutions with the world. This event is an opportunity to showcase your hard work, technical expertise, and problem-solving abilities while gaining valuable feedback from peers and experts. Inspire others with your ideas, demonstrate your impact, and take pride in shaping the future of technology and innovation.

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Participants will showcase their own projects from any domain in the Project Expo event. They will present their work to evaluators, who will assess the projects based on innovation, creativity, technical implementation, presentation, practical impact, and usability. The focus is on demonstrating originality, technical expertise, and the real-world applicability of the project.

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Date: 15/02/2025
Time: 2:00 pm - 4:00 pm
Team size: 1 - 2

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Student coordinator

Hari Saran - 6300608179
Abin S N - 7052876929

For further details,contact:

Overall Student Coordinators:

Prasanth Kumar S - 9080029986
Madhulika E - 9444121374