≪Coding Club≫

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IITB TRUST LAB
DIGITAL : SECURE : RESPONSIBLE

CODING CLUB, RVCE
in collaboration with
IITB TRUST LAB
PRESENTS

CTF
CHALLENGE

DECODE | DEFEND | DOMINATE

8TH & 22ND JUNE

A 12 HOUR TOURNAMENT TO FIND THE BEST

ABOUT OUR COLLEGE

Rashtreeya Vidyalaya College of Engineering was founded by the Late Sri M.C. Shivananda Sharma in 1963.

His mission was to "Impart Quality Education to all sections of the society". This institution has been set up with the purpose of producing future leaders innovators, and torchbearers of technology. As the college completes more than 60 glorious years, it has grown into a place where excellence in instruction and all-around development from the cornerstones of education is imparted to the students.

One of the forefronts of quality education in the country, this institution has upheld its standard by training students as well as providing opportunities to those who seek to advance in the fields of science, technology, culture, and sports. It is justified to say that RVCE is a movement that has been in unhindered progress for more than half a century.

ABOUT CODING CLUB RVCE

In today's rapidly changing environment, programming skills are essential tools that can be utilized and incorporated into various fields and domains. Hence, it becomes essential to equip young minds with such skills. Coding Club aims to establish a coding culture on campus, reaching every student passionate about coding. The club's motto is to Create-Build-Innovate.

The club was started by a group of students from the departments of ECE and ISE who wanted to interact with like-minded peers and explore the world of computer science. They are driven by their passion for coding and hunger to learn, which has helped the club scale new heights.

The club conducts a college wide coding competition every year to recruit the students who are passionate about coding. The competition not only focuses on coding but also on logical, analytical and problem solving skills. The club meets every week to discuss and work on projects. All the members collaborate with a aim to achieve a common objective.

ABOUT CTF-CHALLENGE

Capture The Flag (CTF) is a dynamic cybersecurity competition designed to simulate real-world security challenges. In CTF events, participants leverage their skills in various areas such as penetration testing, binary exploitation, forensics, cryptography, and steganography to strategically locate hidden flags. These flags represent vulnerabilities or secrets that need to be discovered and exploited. CTFs offer a hands-on learning experience, allowing participants to apply their technical knowledge in solving complex cybersecurity puzzles. With progressive difficulty levels and competitive formats, CTFs cater to a wide range of skill sets, encouraging continuous learning and fostering teamwork.

Objectives: To promote cybersecurity awareness among everyone and induct the beginners into cybersecurity and encourage secure coding practices through hands-on learning in the form of CTF (Capture The Flag) Events.

Uniqueness: CTFs stand out for their hands-on approach, allowing participants to apply cybersecurity skills in solving real challenges. The competitive format simulates real-world scenarios, promoting teamwork and holistic understanding.

ABOUT CTF CHALLENGE

The upcoming CTF challenge has been planned in two phases:
- A Qualifying Online Round
- A Final Offline Round

This format enables screening of the participants to ensure that participants with higher skill levels can compete in the offline part of the CTF challenge.

The details about the schedules of the challenges are furnished below.

PAST CTF'S STATISTICS

	JUNE	DECEMBER
OVERALL HEAD COUNT	193	132
NUMBER OF TEAMS	85	64
TEAM HIGH SCORE	2800	2900
INDIVIDUAL HIGH SCORE	2500	1600

*These statistics are based on stored information during event runtime.

ONLINE ROUND (QUALIFIERS)

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EVENT DATE	8th JUNE 2024
TIMINGS	6:00 pm – 12:00 am
ELIGIBILITY CRITERIA	All undergraduates or equivalent
ADDITIONAL INFORMATION	Qualified teams will be notified by June 11th via mail

OFFLINE ROUND (FINAL ROUND)

EVENT DATE	22nd JUNE 2024
TIMINGS	7:00 am – 7:00 pm
TEAM REGISTRATION	7:00 am – 8:00 am
CTF STARTS & ENDS AT	8:00 am till 6:00 pm
BREAKFAST, LUNCH & REFRESHMENT	9:00 am - 10:00 am, 1:00 pm - 2:00 pm 4:00 pm - 4:30 pm
WINNER ANNOUNCEMNT	6:00 pm

RULES AND REGULATIONS

1. This Capture The Flag (CTF) competition is exclusively open to individuals currently enrolled in an undergraduate program or equivalent level of education, ensuring a fair and competitive environment.

2. Throughout the event, the competition will run continuously without any pauses for breakfast, lunch, or refreshments. Participants must effectively manage their time to balance the competition and essential breaks.

3. Participants are solely responsible for covering their travel and accommodation expenses. RVCE or IITB Trust Lab will not reimburse these costs, so participants should plan accordingly.

4. The online and offline rounds of the CTF competition will adhere to a Jeopardy-style format, offering challenging and dynamic challenges for all participants.

5. It's crucial for participants to plan for uninterrupted engagement during the competition, ensuring they can focus on solving challenges and maximizing their performance.

CONTACT US

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