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Participate In InCTF To Learn Secure Coding Practices

InCTF is a security exercise, which provides an opportunity to learn the fundamentals of Information Security and then put them in practice.

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Tuesday, December 13, 2011: Amrita University, Amritapuri, Kerala, in association with Amrita TIFAC Core in Cyber security, is conducting a national level (Capture-The-Flag style contest) ethical hacking contest, InCTF, for students.



Not a day passes without one hearing about e-mail scams, stolen passwords, cyberwar and terrorism; cyber threats and crimes have been skyrocketing. An effective strategy to combat these threats would be to provide awareness on vulnerability detection-exploitation-patching mechanisms and secure programming standards.

InCTF is a security exercise, which provides an opportunity to learn the fundamentals of Information Security and put them in practice. The organisers consider InCTF as a chance to reach out to all the students out there and build, what could hopefully be a vibrant community, sharing the goal of spreading awareness.

The contest is similar to several international CTF style contests such as UCSB's ICTF, RuCTFe etc but participation is limited to students enrolled in an Indian University only.

Timeline:

The online registration for the contest can be done before 30 December, 2011. Once you complete the team registration and the initial survey, the organisers will e-mail the first round of questions to the student point of contact. The first round is the learning round. You can refer and find solutions to the questions you receive. The last date for the submission of solutions is 30 December 2011 upto 10:00 PM.

The skills you gained will be tested in the second round. Here you will be tested on Web-based exploitation, binary exploitation, cryptography, forensics and reversing. The second round will be conducted on 8 January, 2012.

The teams short listed for the CTF (final) round can take part from any where. The names of the top 30 teams will be published by 15 January 2012. The final round is the Capture The Flag (CTF) game, played online, for 6 to 8 hours, via a Virtual Private Network (VPN). The final round will be held on 29 January, 2012. In the last round, teams will be given a vulnerable Linux machine to defend.

The pre-requisite of the contest is knowledge of a programming language. Working knowledge of Linux is highly desirable but not required.

A team can consist of maximum 5 members, all of whom must be from the same college. There is no registration fee to participate in the contest. Prizes for the top 5 places are upto Rs 25000, upto Rs 20000, upto Rs 15000, upto Rs 10000 and upto Rs 5000 respectively.

Click here to get detailed information about the contest.

Diksha P Gupta, EFYTICES News Network



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