

BUG BOUNTY CONTEST

Ethical hacking bug bounty competition would require the participants to discover security vulnerabilities in an OS/server. This competition would test the capability of participants vulnerability seeking and understanding of softwares. In the current world, there is a need for ethical hacking awareness to safeguard the networks of businesses and softwares.

PROBLEM STATEMENT

- Participants are supposed to create a platform to find security vulnerabilities of the website or application of JLT
- By the time vulnerability report is shared, participants can find the general vulnerability on other sites as most of them are common.
- **Security vulnerability reports** of the website and app will be shared with teams by 20th October
- Participants are supposed to find new vulnerabilities that are not already known
- Following is the list of vulnerabilities known to us beforehand. **Penalty will be imposed** on participants who report known vulnerabilities so participants should read this list carefully beforehand:
<https://www.kb.cert.org/vuls/search/>
<https://www.cvedetails.com/>
<https://www.itsecdb.com/oval/definitions/class-5-Vulnerability/?family=windows>
<https://www.whitehatsec.com/faq/content/top-vulnerabilities-list>
- The **template for output of vulnerability search** will be shared with participants during the competition and they are expected to stick to the template as closely as possible.
- A panel of JLT will determine the winners based on the number of vulnerabilities and criticality of each vulnerability discovered which is NOT known before.

STRUCTURE

The competition will take place in 3 stages-

Stage 1 - Submission of Abstract - Detailed functional description of the solution including proposed technical approach to develop it. Successful submissions must include detailed technical specifications. The security vulnerability report will be shared before last date of registrations

Stage 2 - The proposed solution needs to be developed (prototyped) for alpha testing. The selected teams will have an opportunity to submit proposed approach and present their solution to JLT team to receive feedback. Successful submissions must have clearly outlined approach to develop the prototype along with an initial version of their prototype.

Stage 3 - Top 15 teams will be selected and would get the chance to participate in the Grand Finale at Techfest, IIT Bombay which is from 3rd-5th January. Here, the proposed prototype will be developed into working application for beta testing and demonstrated to a panel of judges.

TIMELINE

Security Vulnerability Report of Website and App	20th October
Last date for registration	30th October
Last date for abstract of Stage 1	30th October
Results and Shortlisting of teams for Stage 2	5th November
Last date for submission of technical report of Stage 2	12th November
Results and Shortlisting of teams for Grand Finale	25th November
Grand Finale and presentation of complete prototype	3rd - 5th January

REGISTRATION and SUBMISSION

The Participants have to register on the official Techfest Website and fill all the necessary details: www.techfest.org > Competitions > Bug Bounty Contest > Register

Abstract Submission–

Teams will be required to submit one report to bugbounty@techfest.org for qualifying for Stage 2, as mentioned above.

For Final report submission a template for output vulnerability report will be sent after the declaration of results of Stage 1

Submission Format-

The project report should be emailed to bugbounty@techfest.org with the subject Bug Bounty Report: Team Id (For example: Bug Bounty Contest: BB102223). Teams must follow the following details for the submission:

1. The abstract must be submitted in pdf format only
2. Font: Arial
3. Size: 11

4. Spacing between two lines: 6 pts
5. Spacing between two paragraphs: 10 pts
6. Bottom margin: 1 inch

GENERAL RULES

1. Every team has to register online on official Techfest website for the competition.
2. A Team ID will be allocated to the team on registration which shall be used for future references.
3. A team can register at any point of time before and can submit final abstract and video (as mentioned in the structure).
4. **The decision of the organizers or judges shall be treated as final and binding on all.**
5. No responsibility will be held by Techfest, IIT Bombay for any late, lost or misdirected entries.
6. **The idea presented by the teams should be original** (not protected by means of patent/copyright/technical publication by anyone).
7. Note that at any point of time the latest information will be that which is on the website. However, registered participants will be informed through mail about any changes.

TEAM SPECIFICATIONS and ELIGIBILITY

- All students with a valid identity card of their respective educational institutions are eligible to participate in the competition
- One team can have a maximum of 4 members.
- Students from different institutes can be a part of the same team.

CERTIFICATE POLICY and PRIZES

- The Prize money will be awarded to Top 3 Winners via NEFT and will be processed within 30 working days.
- Consolation prizes will be awarded to top 10 teams (other than top 3 winners, i.e. position 4th -10th) via NEFT as mentioned above.
- Top 15 teams will qualify for Grand Finale to be conducted at Techfest 2019-20
- Top three teams in the grand finale will be awarded Certificate of Excellence.
- E-Certificate of participation will be given to the teams scoring more than the critical marks which will be decided later (top 60% of teams except top 3 teams)

The Winner will have to mail the following information (immediately after announcement of results) to vibhav@techfest.org

Subject: Bug Bounty Contest, team id- your position (example- Bug Bounty Contest, BB166123 – 1st position)

Body of mail-

1. Account Holder's Name
2. Account Number
3. Bank name and Branch name.
4. IFSC Code