**CodeWreck2k17**

**Description:**

CodeWreck2k17 is an event which tests logical thinking and programming skills. The participants are given a problem statement and are asked to write efficient code to solve it.

We've chosen **CodeChef** as our platform to conduct this event. Anyone who is interested in competitive programming, logical thinking and problem solving are heartily welcomed to participate in our competition.

**“THINK TWICE CODE ONCE."**

**Pre-requisites:**

1. The attendees will need to have some basic knowledge on Data structures, Algorithms and a prior knowledge in any programming language.

2. Most importantly interest and patience are the key ingredients required.

3. Individual CodeChef account is required. If you don't have, create one [here](http://www.codechef.com/signup).

**Event Format:**

**Round 0(Optional):** **(Debugging)**

1. This round is optional and conducted based on the number of registrations done for this event.

2. The teams will need to answer the **30 MCQ'S** which tests your knowledge on debugging and logical thinking.

3. This is an offline round and you are provided with a question paper and all teams should answer that in **30 mins** duration.

4. The questions are given in **C** and **C++** languages only.

**Round 1**: **(Prelims round)**

1. This round consists of **6 programming questions**.

2. You have to code them in **CodeChef** platform, which supports over 20+ programming

Languages.

3. Duration of this round is **3:00 hrs**.

4. The top 10-20 teams from this round will qualify for round 2.

**Round 2**: **Final round**

1. This round consists of **4 programming questions** (a Littlemore tougher than in round 1)

to be coded in **CodeChef** platform.

2. Duration of this round is **2:30 hrs**.

3. The top 2 teams will be declared as winners and runners of this competition.

**Schedule and venue**:

1. Round 0 and Round 1 will be on day 1 (14/09/2017)

2. Round 2 will be on day 2 (15/09/2017)

3. Venue for round 1 and round 2 is VIIT Labs.

**Rules and Regulations:**

1. This is a team event.

2. Team can have maximum of 2 members (not necessary from same college).

3. Each problem has a pre-determined score.

4. Participants are ranked by score. If two or more participants achieve the same score at the end, then the tie is broken by the total time taken to submit the last solution resulting in a higher score.

5. Before you attempt programming questions, you should choose a programming language from the given list.

6. All the rankings and scores are calculated by **Codechef online generated scoreboard** itself.

7. Scoreboard will be displayed using projector until 20 minutes before end of every round.

8. Judges decision will be final.

**Registrations:**

Registrations can be done [here](http://vignanvizag.org/vista/after-events-cse.html).

Registration fee is Rs.300/- per team and Rs.150/- for Solo Participation.

**Prize money:**

Up to Rs.5000 cash prizes…… ( Yet to be finalized…)

**Event Coordinators:**

**Faculty Coordinators:** Mr. B Dinesh Reddy

Mrs. P Sandhya

**Student Coordinators:**  V Sai Karthik

P Bhaskar Nihaal

P Vamsi Varun

**Contact us:**

For any queries please feel free to contact Student Coordinators:

P Vamsi Varun (Ph.no: 9177505813 or 8919624608)

V Sai Karthik (Ph.no: 8247032129)

**Budget Plan**

**Motto:**

To promote Programming culture which is the most important skill required for a Computer Science Engineer. And also to provide a platform to create a healthy competition between the programmers in this competitive world which will allow them to analyze their skills compared with others.

**Expected Number of Registrations:** 30 teams (60 individuals).

(i.e.) revenue generated is 30 x 300 = Rs.9000/-

**Expected Expenditure:**

1. Certificates (80 x 30 = Rs.2400)
2. Prize money(First prize: Rs.4000, Second Prize: Rs.2000)
3. Printing of copies for round 0(debugging).

Total expenditure: 2400 + 4000 + 2000 = Rs.8400

**Requirements for the event:**

1. Requires a lab with internet facility and of capacity 60 students on both the days. (I.e. on 14/09/2017, 15/09/2017).