**Clash of Coders’18 Event Plan**

After the splendid success of Clash of Coders in SoftExpo ‘17 PUCIT ACM-Student Chapter again presents the mega competition of programming. Providing students of PUCIT the opportunity to show their coding skills. PASC will try its best to make this event even bigger and successful than its predecessor.

**Introduction:**

This will be a one-day event taking place on the 12th of May, 2018 (expected). In this event, participating teams will be given some programming problems which they will have to provide solutions for. Programming languages used will be C++, JAVA.

**Venue:**

* Main lab

It will be headed by PASC team members along with volunteers.

**Teams Expected: 60**

* 3 members per team.
* Quota of teams will be

PUCIT = 20

Outsiders = 40

**Registration fee: 1500/- PKR**

**Event Day Plan:**

* Teams will report at 9.30 am.
* There will be a practice session of one hour and thirty minutes for the participating teams which will also include introduction.
* Teams will be given 3 questions to solve in the practice session.
* After that there will be a break of two hours for teams to visit other modules in SoftExpo.
* During this long break server issues will be resolved (if any) and server will be refreshed, checking of the computers will be done to make sure computers are in ready to go state and Main round IDs will be pasted , which will be different from the practice session’s IDs.
* After the break teams will be adjusted to their designated seats for the main round to start.
* Teams will be given questions to solve at the start of the event. Each team will have four hours to solve the questions.
* After solving each question, the team will have to submit that solved question through PC^2 software.
* Refreshment (Sandwiches and juice/Mineral Water) will be given to the teams after half time passes.
* The team that manages to solve the maximum questions correctly in the minimum time will be declared the winner of the competition.

**Time Management Schedule:**

|  |  |  |
| --- | --- | --- |
|  | **Starting Time** | **Ending Time** |
| **Entry of Teams** | 09:30 AM | 10:00 AM |
| **Introduction** | 10:00 AM | 10:30 AM |
| **Practice session** | 10:30 AM | 12:00 PM |
| **Break** | 12:00 PM | 2:00 PM |
| **Seating** | 02:00PM | 02:15 PM |
| **Introduction Rules** | 02:15 PM | 02:30 PM |
| **Clash begins** | 02:30 PM | 06:30 PM |
| **Certificates distribution/Winner Announcement** | 06:30 PM | 07:00 PM |

**Further Details:**

* Pc^2 (pc square) software will be used for submission.
* There will be 5 teams in a row with one computer spaced out.
* Auto computer judge will be used. Two judges will be there to keep eye on the auto judging and for answering the queries of students asked via pc^2.
* Five computers will be constantly on for judging. One for Administrator, one for scoreboard and the other three for judges.
* Sample Problems+ Main round’s problems both will be provided by our senior teachers on the day of event. (By Mail or By hand)
* We’ll meet and ask our senior teachers from both campuses to design problems for this clash.
* Certificates , Trophy and cash prizes will be given to winning team
  1. First position: Rs 30000 along with cheque and shield.
  2. Second position: Rs 15000.

**Ranking Criteria:**

* Ranking Criteria will be based on maximum problems solved correctly in minimum time.
* Penalty will be added on their wrong submissions.

**Resources required:**

* Following resources will be required on event day.

|  |  |  |  |
| --- | --- | --- | --- |
| **Resource** | **Quantity** | **Duration** | **Reason** |
| Main Lab | ---- | (10th May)  1:30 PM – 5:00 PM  (11th May)  1:30 PM – 7:00 PM  (12th May)  8:00 AM – 7:00 PM | (10th May)  For Installations  (11th May)  For Installations and testing of PC^2  (12th May)  For Main Event |
| Uninterrupted Power supply (All pcs would be on Generator ) | ---- | (12th May)  8:00 AM – 7:00 PM | (12th may)  For No  Interruptions |
| Projector | 1 | (12th May)  8:00 AM – 7:00 PM | For Results Display |
| Projector Screen | 1 | (12th May)  8:00 AM – 7:00 PM | To use with projector |
| Pens | 18 Packs (10 in each) (3\*60=180) | ---- | For participants to use (pens used in practice session will also be used in main round) |
| Blank Pages | 400 ; (150) for practice session and  (250) for main round | ---- | For participants to use for rough work. |
| Extensions | 2 | (12th May)  8:00 AM – 7:00 PM | For projector connection |
| Lab Technicians | 2 | (11th May)  8:00 AM -7:00 PM | (11th May)  For Tech Support |
| Speakers & microphone | 2 Speakers  1 Mic | (12th May)  8:00 AM – 7:00 PM | For  Announcements |
| Sandwiches and juice | 182 ;  3\*60=180 (Participants) 1\*2 = 2 (Judges) | (12th May) | Refreshment |
| Volunteers | 10 | (11th May)  1:30 PM – 7:00 PM  (12th May)  8:00 AM – 7:00 PM | (11th May) For helping us in installation and testing of software. (12th May)  For checking each row teams |
| Body Members | 2 | (12th May)  8:00 AM – 7:00 PM | For software related queries |
| Security Guard | 1 | (12th May)  8:00 AM – 7:00 PM | For Protection |

**Pre-event Plan:**

1. **Registration Process:** Registrations will start from 12th April, 2018
   * Last date for the registrations will be 8th May, 2018.
   * Registrations will be done through PASC registration desk and Softexpo website.
   * Payment Methods will be through easy paisa, desk and through ambassadors.
2. **Software Usage Practice:** 
   * 5 Computers in Main Lab (Old Campus) will be used for software usage practice beforehand and check and get systems fixed with technical team for one week.
   * Main Lab (Allama Iqbal Campus) will be used for software installations and checking two days before main event i.e. (10-11 May, 2018).

**Event Day Plan:**

* + **Event atmosphere:**
    - Discipline will be maintained throughout the event by

PASC organizers.

* + - A peaceful environment with refreshment will be provided to the students.
  + **Prize Distribution:** 
    - Prize will be given to the winning team and runner up team on the basis of the results given by the judges in closing ceremony.