**Logic Battle (A Programming Competition)**

**NEXT** is an annual event organized by the students ,**NCIT**. It is a nationwide technological festival that acts as a platform for bright and eager minds to express their ideas and vision in technology. This event ends with a 3-day long events.

This competition mainly aims to provide platform for students having good logical and programming background but lacks the opportunity. Logic Battle is expected to be conducted between the group of participants, each group containing 2-3 members. The competition will end with judges selecting the winners and awarding them.

**Participants**

The main targeted participants for Logic Battle are 3rd and 4th year students. The participants are expected to have good knowledge on data structure and algorithms.

**Methodology**

The Logic Battle is a competitive coding competition which includes problem solving skills of a participant. Call for participation will be made through social media and candidates will be chosen in the first come first serve basis through Google registration form. The date and time of the event will be mailed to respective groups and participants once the registration is confirmed.

* **Competition Format**

It is going to be held on the **second** day of **NEXT** fest. Coding competition is the competition between groups of candidates, each containing 2-3 members. Each group will be assigned to solve six programming questions in the time limit of 3 hours. The winner of this competition will be selected by the experts on the basis of the flow of logic (algorithm) and output of the respective programs.

**Coding competition details**

Date: 19th july (second day)

Time:10:00 am

Targeted groups: 20

No. of members: 3

Duration: 3-4 hours

Registration charge: Rs. 300 per group

1st price: Rs. 9000

2nd price: Rs.4500

[Certificate of appreciation will be given to 4 groups]

## 

## Tentative Budget

## Gross Budget

|  |  |  |
| --- | --- | --- |
| **S. N.** | **Particulars** | **Expenses(NRs.)** |
| 1 | Prizes and certificates | 18500 |
| 2 | Food | 12,000 |
| 3 | Logistics | 5,000 |
| 5 | Social Media Advertisement | Not fixed |
| 6 | Logic examiner | 10,000 |
|  | Total | 45,500 |

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### Budget Breakdown

#### Food

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.N.** | **Particulars** | **Unit Cost** | **No of unit** | **No. of days** | **Amount(Rs)** |
| 1 | Lunch | 150 | 68 | 1 | 11,000 |
| 2 | Drinking water | 20 | 30 | 1 | 600 |

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#### Prizes and certificates

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.N.** | **Particulars** | **Unit Cost(Rs)** | **No of Units** | **Amount (Rs)** |
| 1 | Cash prize for winners | - | - | 13,500 |
| 2 | Certificate | 100 | 12 | 1200 |
| 3 | Token of love | 700 | 5 | 3,500 |

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#### Cash prize for winners

|  |  |  |
| --- | --- | --- |
| **S.N.** | **Categories** | **Amount (RS)** |
| 1 | Winner | 9,000 |
| 2 | First runner up | 4,500 |
|  | **Total** | 13,500 |

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#### Logistics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.N.** | **Particulars** | **Unit Cost(Rs)** | **No of units** | **Amount (Rs)** |
| 1 | Flex | 1000 | 2 | 2,000 |
| 2 | Wall Pamphlet | 100 | 20 | 2,000 |
| 3 | Copy+pen | 50\*20 | 1 | 1000 |