**Proposal Draft on Hackathon**, **NEXT**

**Introduction**

NCIT, a pioneer private institution  providing engineering education in  Nepal, is renowned for excellence in  teaching & research, while maintaining  close and mutually beneficial links  with various sectors. The college provides excellent higher education opportunities and nurtures individual  talent using an applicable knowledge  base that fully supports ongoing social  changes and economic advances. NEXT is an annual event organized by the students, Nepal. 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 exhibition Festival. This is its 1st edition.

Hackathon in **NEXT** is an event, that last for a day or a couple of days in which different individuals from technical or non-technical background work together. It comprises of group of individuals working together to get a minimal viable product in given theme. The event will start from 2 pm (first day ) and will continue till 40 hours(including day and night). It encourages the creativity of student and supports collaboration among them to come up with a product in a short time frame using tools and techniques they are familiar with.

**Objectives**

* To provide a common platform to generate innovative solutions to real-world problems in a risk-taking environment.
* To develop a mutual relationship among like-minded people who like to work in common technologies.
* To provide opportunities for participants to learn something new.
* To provide space and time for participants to make headway on problems they are interested in.
* Welcoming a newcomers to the community.

**Targeted Participants**

The main targeted group for our hackathon is college students. There is no criteria for the participants. Anyone can participate in, those who have willing to learn and create something.

**Sponsorship types and Benefits**

* You will have your name in the Exhibition banner
* You will be provided with the Extra Stall to showcase your products/projects
* Your name will be chanted on every Promotional Event, Media programs, and Advertisements as a sponsor.
* Attractive ‘Token of Love ’ and ‘Appreciation Certificates’ will be provided by the Chief Guests and the college Authorities in recognition of involvement and support.

It is well-known fact that teamwork always pays. So, a good interaction , coordination, and understand are always necessary to maintain a team. Participators as a problem solver can build the solutions for the real-world problem. So we hope for your co-ordinate in making this event a success and form a platform of understanding and interaction amongst us not only during the event but also for future activities.

**METHODOLOGY**

For effective and successful completion of most attractive sub program of the event we have traced out the layout on various phases. Hackathon is estimated to be 40 hours long continuous with couple of days and nights starting form 1st day of the event.

**Introduction Phase**

In this phase, all the participants in the Hackathon get together and introduce themselves to each other. This is pre-phase than the actual 40 hours Marathon. This Phase is estimated to be initiated 1:30 hours before the main phase.

**Hold and Wait Phase**

After the completion of Introduction Phase all are provided with short break of 30 minutes for snacks and other pre competition preparation.

**Main Phase**

This phase involves the competition or work period on the theme specified. Officially main event time starts here and continues up to 40hrs. Code of conduct for Hackathon will be applicable till the last minute of the program. All required electrical appliances (allowed), fooding, lodging and other material will be provided according to the requirement. For supervision and guidance for participants, mentors and volunteers would be provided till accomplishment.

**Presentation Phase**

After completion of the main phase, at the end participants demonstrate their presentation in the presence of the judges. Jury prepare the result on the basis of performance on various topic of evaluation.

**Certificate & Prize Distribution Phase**

On the basis of evaluation and result prepared by the Jury prize and certificate will be distributed as per specified at official end of the event (3rd day). Certificate will be provided to the all participants in the Hackathon.

**Space Allocation**

|  |  |  |
| --- | --- | --- |
| Team | Competition Room | Accomodation Room |
| Team1-Team8 | 701,702 | 703 |
| Team9-Team16 | 801,802 | 803,902 |
| Team17-20 | 901 | 903 |
| Ladies |  | 1000/1001 |

There will be one room for food distribution for participant of Hackathon in software block .Food will be made on Canteen but will be distributed from this particular room(601).

**Possible Target Companies For Sponsorship**

* F1Soft
* Fuse Machine
* Nabil Bank
* Leap Frog
* Deer Walk
* BarinDigit
* Sprout Technology
* Cloud Factory
* Javra
* NIC Asia
* SMART CELL
* Mero Job
* Log Point

**Sponsorship Packages**

|  |  |  |
| --- | --- | --- |
| **Package Type** | **Percent Occupied(%)** | **Estimated Sponsorship** |
| **Diamond** | **40** | **69,480** |
| **Platinum** | **30** | **52,110** |
| **Gold** | **20** | **34,740** |
| **Silver** | **10** | **17,370** |

**Cost Division**

**1. Fooding**

**i) Participant fooding**

2 pm =light khaja=50\*80\*2=8000

6 pm=snacks=100\*20\*2=4000

10 pm =Dinner=100\*80\*2=16000

6 am=breakfast=70\*80\*2=11200

10 am=lunch=100\*80\*2=16000

**ii) mentors Fooding (5 mentors)**

2 pm =light khaja=50\*5\*2=500

6 pm=snacks=100\*2\*2=400

10 pm =Dinner=100\*5\*2=1500

6 am=breakfast=70\*5\*2=700

10 am=lunch=100\*5\*2=1500

**iii) Volunteers (3)**

2 pm =light khaja=50\*3\*2=300

6 pm=snacks=100\*1\*2=200

10 pm =Dinner=100\*3\*2=900

6 am=breakfast=70\*3\*2=420

10 am=lunch=100\*3\*2=900

**Total : 63500**

**2. Transportation and Digital Advertisement**

i) 5 team (4 people per team for one day will be movilized):500\*20= 10000/-

ii) Social media advertisement(Not fixed)=0

**3. Prizes**

i) 1st -20,000/-

ii) 2nd -10,000/-

iii) Best Presentation : 2000/-

iv) Best Idea-2000/-

**Total : 34000/-**

**4. Certificates**

80\*100=8000/-

**5. Pen/Copy**

100\*80=8000/-

**6. Printed Rules/Judging Criteria**

20\*20=400/-

**7. Multiplugs(charging)**

25\*600=15000/-

**8. Sleeping Bag (in rent)**

200\*80=16000/-

**9. Raspberry pi (back-up)**

2\*7000=14000/-

**10. Arduino-Backup**

4\*1200=4800/-

**11. Banner Printing +batch/participant id**

Cost not fixed

Note: The total cost includes approx. 180,000/- in total excluding fot the categories whose cost has not yet been fixed, the VIP or sponsors fooding cost and token of love for them.

**Final Words**

Hackathon as one of the main event of NEXT will be a golden opportunity for the technical or not technical students/candidates to test their capabilities and build a product in short time in a completely different environment. It will equally help participants to realize the efficacy of teamwork and handling of pressure in the critical time. Hackathon at NCIT is a first one ever, therefore it is expected to attract a lot of audience, visitors and related people which surely will benefits for the recognition of sponsors and all associate.

**Themes to be chosen from:-**

1. Environmental Issues (includes pollution management, recycling object utilization, Water Sanitation and hygiene etc.)
2. Data and it’s Security
3. Tourism 2020
4. Health Issues
5. Transportation challenges in Nepal
6. Tech for education

Thanks for being a part of NEXT Hackathon!

NEXT Hackathon is a competitive platform aiming to generate innovative solutions to real-world problems in a risk-taking environment. This is a 3 day event targeted to tech enthusiasts interested in transforming their ideas into minimum viable products and introducing them in front of the specialists and talented minds working in this very field.

Each day the program will be conducted from 8:00 am to 5:00 pm.

The following subprograms will be conducted each day under this Hackathon :

Day 1 :

- Idea Presentation

- Coding

Day 2:

- Coding

Day 3:

- Presentation

- Prize distribution

Each group is expected to have 3-4 members.