**Proposal on NEXT Hackathon**, **NEXT 2019**

**NEXT (NCIT Expo on Technology)** is an annual event organized by the students in 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 exhibition Festival.

**Hackathon** in **NEXT** is an event that lasts for 3 days in which different individuals from technical or non-technical background work together. 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 that they are familiar with.

It comprises a group of individuals (max 4) working together to get a minimal viable product in given theme. Themes will be provided to participant 3 days before the event through e-mail. The actual event will start from 8 am (day 1) and will end at 5 pm for 2 days and from 7:30 am till 12:30pm and price will be distributed in the closing ceremony thereafter.

Date: 2nd of Shrawan to 4th of Shrawan

Start time: 8:00 am (day-1)

End time: 12:30 pm (day -3)

Targeted groups: 20

No. of members: 2 to 4

Event Duration: 23 hrs.

Registration charge: Rs.2000 per team

**Targeted Participants**

The main targeted group for **Hackathon** are **ethical hackers, software developers, web designer, technology enthusiasts, AI enthusiasts, and other tech-related students and professionals,** although there is no restriction for the participants.

**METHODOLOGY**

For effective and successful completion of this sub program of NEXT we have traced out the layout on various phases. Hackathon is estimated to be of around 23 hours long, divided into the span of 3 days into phases as described below:

**Idea Pitching**

In the day1, all the participants in the Hackathon introduce themselves, their groups and their respective project idea for Hackathon in the presence of mentors and other participants. This is expected to be of 1 hour long.

**Coding and Mentoring Phase**

This phase involves the major part of the competition i.e. work period on the specified theme and idea. Code of conduct for Hackathon will be applicable till the last minute of the program. For supervision and guidance, mentors and volunteers will be provided. This phase will be of 17 hours long starting from 9 am from day1 (18th July) to 5 pm day2 (19th July).

**Presentation Phase**

In day-3 of the event (**7:30 am to 12:30pm**), participants demonstrate their ideas and the implemented form of these ideas i.e. product in the form of presentation. These presentations will be evaluated by the respected judges. Jury prepares the result on the basis of performance on various evaluative measures.

**Certificate & Prize Distribution Phase**

On the basis of evaluation and result prepared by the Jury, prizes and certificates will be distributed after the end of the presentation phase in the closing ceremony of NEXT event.