

# Amity International School, Saket



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To  
The Principal

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New Delhi

**Subject:** Invitation for **AlphaBit**- an annual inter-school technology symposium.

Respected Sir/Ma'am,

We are pleased to inform you that Amity International School, Saket is back with its interschool technology symposium, **AlphaBit**, to be held in the school premises on **Thursday, 10th October 2019.**

**AlphaBit**, a day long annual inter-school technology symposium, began in 2013 with an objective to provide a platform to the students to exchange ideas and explore new avenues and domains of knowledge in the field of technology. The event will test the aptitude of students in multifarious disciplines of technology and provide an opportunity to showcase their imagination and creativity. This would help in exposing their dormant talents and discovering more about technology in all its applications.

We cordially invite you to participate and contribute in making ***AlphaBit 2019***, an enriching experience. All the relevant details regarding the event are enclosed herewith. To participate, please refer to the registration details as mentioned. Last date of registration is **29<sup>th</sup> September, 2019.**

With kind regards  
Principal  
Amity International School, Saket

## **Instructions**

- 1) Schools to report by 8:45 am.
- 2) Registrations close at 9:15 am sharp.
- 3) Participants may only take part in one event.
- 4) The school with the maximum score will win the prestigious **AlphaBit** overall trophy.
- 5) The scoring for each event is as follows, points being added for the overall trophy:

Position	Points
1st	20
2nd	15
3rd	10

**Note:** A school needs to participate in all events to be eligible for the AlphaBit Rolling trophy.

## **Events**

**AlphaBit 2019** will consist of 5 on-site events —Quiz, Gaming, Programming, Design&Create, and Group Discussion.

### ▪ **Quiz**

#### **Participants: Team of 2 (Classes IX-XII)**

Participant's knowledge on tech trivia will be tested through a time-bound preliminary round followed by a gruelling final round.

### ▪ **Programming**

#### **Participants: Team of 2 (Classes XI-XII)**

Participants are expected to be familiar with fundamental coding concepts such as functions, loops and various types of data structures. Teams will be given 6-7 challenging algorithmic questions to solve within the allotted time. The contest will be conducted on **HackerRank**, an online competitive programming platform. The following programming languages will be allowed: C++ and Python2.7/3.

One PC loaded with all relevant programming software and internet connection, mentioned below, will be provided to each team.

- 1) Code::Blocks
- 2) Dev-C++
- 3) Pyscripter
- 4) Sublime

### ▪ **Group Discussion (GD)**

#### **Participants: 1 Participant (Classes IX-XII)**

Each participant should be aware of the various technology news from around the world. This event will test the reasoning and debating skills of participants on issues 'quite unknown' and still 'quite known'. The topics and rules for each round will be given on the spot.

### ▪ **Design&Create (D&C)**

#### **Participants: Team of 2 (Classes IX-X)**

Each team will be required to design an html website page on any subtopic related to the theme, announced on the day of the event, with the images provided. One PC loaded with all relevant assets and information, designing softwares, mentioned below, will be provided to each team.

- 1) **Adobe Photoshop**
- 2) **Adobe Illustrator**
- 3) **Sublime 3**

Allowed: **HTML, CSS, Javascript**

Entries will be judged on the basis of aesthetic appeal, composition and skill.

### ▪ **Gaming**

#### **Participants: 1 Participant (Classes IX-XII)**

Each team will be put to test in an intense battle with only the braves surviving. Participants will be provided an array of games to be played to test their versatility and reflexes. Participants are allowed and encouraged to carry their own mouse and headphones.

## Schedule

Time	Auditorium	Lab I	Lab II	Art Room	Home Science Room	Jr. Computer Lab
9:00-9:30	Inauguration					
9:30-10:00		Programming	D&C	GD	Quiz Prelims	Gaming
10:00-10:30						
10:30-11:00	Quiz Finals					
11:00-11:30						
11:30-12:00						
12:00-12:30						
12:30-13:00	Refreshment Break					
13:00-13:45	Award Ceremony					

## **Registration Details**

To register your school for participation in AlphaBit'19:

- Fill in the details in the online form:

<http://tiny.cc/alphabit19>

**The last date of registration is 29<sup>th</sup> September.**

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For any queries feel free to contact:

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Check our our facebook page for any updates or even drop us a message: <https://www.facebook.com/AlphaBitClan/>