Bal Bharati
PUBLIC SCHOOL
ROHINI

ONLINE COURSE FOR CODING CLASS V

"Everybody in this country should learn to program a computer… because it teaches you how to think".   *- Steve Jobs*

Dear Parents,

BBPS, Rohini has always been steadfast in its commitment to provide new panoramas to the students. In the endeavor to prepare the students for the future, the school is glad to announce that **Hindustan Times coding initiative for school children, HT Code-A-Thon**. It is an ideal platform for the students to learn coding and showcase the talent thereby putting them on an accelerated path to success.

Course:

• **Grade 5: App Design** (Platform: MIT App Inventor)

There will be 25 video modules of 5-10 minutes each which will have to be completed by the students before the announcement of Qualifier round in the month of January.

What will students learn?

Introduction to Mobile Apps & MIT App Inventor Platform
Building a Simple Image and Button App
Developing a Text-to-Speech App & Speech-to-Text App
Building a Sound Box App
Applying Labels, Text and Conditional Logic
Creating and Applying Variables
Bill Calculator App
Language Translator
Interfacing Accelerometer
Gesture Controlled App
Accessing Websites
MIT Assistant App
Interfacing Proximity Sensor
PushFit App
Quiz App

The Assessment formats will be as follows:

- **Session Quiz—2 question quiz at the end of every 3 to 6 video sessions**
- **Course Quiz—30 question quiz at the end of the course**

Awards & Accolades:

- The top 100 students from each grade will progress to the Qualifier Round.
- The top 25 students from each grade will move to the Finale.
- The top 3 students from each grade will be declared Code-a-thon 2022 Champions.
- There will not be region-wise winners; only 3 national champions per grade.
- Certificates will be provided to all participating students.

Looking forward to an enthusiastic participation.

Geeta Gangwani

Geeta Gangwani,
Principal, BBPSRH