Bal Bharati
PUBLIC SCHOOL
ROHINI
proudly presents

SKILL EXUBERANCE 2018

in collaboration with

Sofcon Training
An ISO 9001:2008 Company

Affiliated & Funded by
N·S·D·C
National Skill Development Corporation
Transforming the skill landscape

(NSDC is a PPP promoted by the Union Ministry of Finance, Govt. of India)
MISSION 2020: 100,000 Placements

AN INTER-SCHOOL COMPETITION
On 21ST DECEMBER 2018

in collaboration with

SOFCON INDIA PVT Ltd.

Skill ExuBer@nce'18

MESSAGE BY PRINCIPAL

Status now is not whether you are awake or asleep, it is whether you are online or offline.

Narendra Modi

The mission of Hon'ble Prime-Minister, Mr. Narendra Modi is to transform India into a digitally empowered society and a knowledge based economy. To actualize this mission, educators must empower the youth of India with digital skills and must ensure that technology is not only accessible to learners but also adds value to education for life.

Taking this vision forward, BBPS Rohini has joined hands with Sofcon India Pvt Ltd, affiliated and funded by National Skills Development Corporation (NSDC) for Skill Development Programme" for classes VI to VIII for the second consecutive year. The objective of this endeavour is to nurture a digitally adept generation that employs technology to solve problems of the world. To promote digital learning in full throttle, BBPS Rohini has collaborated with Sofcon India Pvt Ltd in organizing **SKILL EXUBERANCE'18** - an Interschool Computer Day on 21st December 2018. The details of the competitions are attached herewith. The judgement of all events will be done by experts from Sofcon India Pvt Ltd. and winners will be awarded certificates and trophies authorized by NSDC.

It also gives me immense pleasure that BBPS Rohini will inaugurate the **ATAL TINKERING LAB (ATL)** on the same day with a zest to make innovation the key to learning Science and also engage learners in creative and inventive tasks beyond the scope of regular classroom teaching.

Let us join hands to rejoice technology and innovation with great zeal. I invite students of your esteemed institution to take part exhilarating competitions in Skill Exuberance 2018. Thanking you for your support in advance.

Skill E xuBer@nce'18

MESSAGE BY Managing Director

Sofcon India Pvt. Ltd.

At Sofcon, we encourage exploration as we strongly believe that there is never one solution to a problem. There are multiple solutions which manifest multiple perspectives. Our journey doesn't end with the students finding an answer, it rather begins with it. We challenge them to think laterally and explore all options and potential answers. We integrate technology into different areas with our focus on the children's hands on learning and giving them a head start in a technology driven world. The Sofcon team consulted with various schools from countries such as USA and Korea who are far ahead in the education curve and set out to pioneer Sofcon School, where learning is based on our motto, **"Inspire, Innovate and Integrate"**. Our aim is to polish young and vibrant talent from school so that they shine bright and set a benchmark for coming generation. Technology is a crucial tool which motivates children to work with it playfully and learn meaningfully.

Bal Bharati Public School, our prestigious training partner, is moving in the direction to actualize 'Skill India Dream' by providing a platform to learn a new technology in a structured manner.

In this journey of Skill Empowerment, we are governed by the visionary words of Hon'ble Prime Minister Shri Narendra Modi who says, **"We must ensure that technology is accessible, affordable and adds value"**

Wishing all the learners a very techno enriching learning experience.

Skill exuBer@nce'18

GENERAL INSTRUCTIONS:

Date of the Event	:	**21st Dec 2018**
Time of Registration	:	**8:30 am – 9:00 am**
Last Date of Online Registration	:	**14th Dec 2018**

(Using Google Form: https://drive.google.com/open?id=1nZoT3TxfQ-yMG0HZfZTZ0ttn9qlbetXJ_zjDR20aCT0)

- Students to report in proper school uniform and must carry their I-Cards.
- Escort Teachers must also carry their I-cards.
- Only one Team per event from each school is to register for the event.
- No student can participate in more than one event.
- The host school will participate in the event but will not compete for prize.
- Revealing the identity of the school in any way will lead to disqualification of the team.
- The decision of the Judges will be final and binding.
- No hardcopies of the registration form to be sent.
- **Registration only to be done via Google Form.**

GENERAL INSTRUCTIONS FOR ROBOTICS COMPETITION
- Robot that causes deliberate interference with other robots or damage to the arena will be disqualified.
- Participants that cause deliberate interference with other robots or damage to the arena will be disqualified.
- Teams must play a fair and clean game.

For further Queries Contact (After 3 p.m.):
Teacher Incharges:
Ms. Shikha Thakur (9871657028)   Ms. Bindu Rashmi (9716200012)
Student Representatives:
Bhavya Bhatia (9999539230)   Garima Srivastava (9013398702)

Bal Bharati Public School, Sector-14, Rohini, N.D. – 110085
Ph : 27554561 / 62 / 63

Skill ExuBer@nce'18

Tech-Story-Wit : Story Designing In Scratch

Classes   : VI – VII
Number of Participants   : 2
Time Duration   : 1 hr
THEMES : (Choose any one)

>   a. A day in my Life
>   b. My school days
>   c. My Pet my friend
>   d. A monster in the city

Instructions

- The participants are to select a minimum of three characters for the story.
- The story must have a title and a clear storyline based on the theme.
- Students to use at least 2 stages. (Automatic background change).
- The students are expected to present the story after completing it in scratch.

JUDGEMENT CRITERIA

- Creativity
- Relevance to theme
- Presentation
- Tools used

Teacher Incharge: Shefali Gupta (9811785345)
Student Representative:
Reva Bhasin
Abhiti Chadha

Skill Exuber@nce'18

E-Canvas*:* Poster Designing in Photoshop

Classes : VII-VIII
Number of Participants : 2
Time Duration : 1 Hour
THEMES: (Choose any one) –

- Save Tigers
- Reduce, Reuse , Recycle
- Stop Polluting Mother Earth
- Say No to Crackers
- Stop Child Labour

Instructions

- The size of the poster should be A4(210x297 mm, 8.5x11.5 in, 21x29.7 cm, or 2480x3508 pixels)
- The image resolution should be 72 pixels/inch.
- Theme related images will be provided in a folder. No internet will be available.
- Save your posters by your Team Name.

Judgment Criteria

- Creativity
- Adherence to time
- Relevance to theme
- Poster Dimensions as per instructions.

Teacher Incharge: Surbhi Bhardwaj (9650148320)
Student Representative:
Mehak Sharma
Priyansha Sachdev

www.bbpsrohini.balbharati.org

PICK-O-MAX: ROBOTICS

Classes   : VI - VIII
Number of Participants : 2
Time Duration   : 5 min

Instructions

- Each team will be required to bring their own completely assembled picker bot.
- Bot dimensions should not exceed the maximum of 60cmX60cmX60cm.
- Maximum voltage supply – 12 V.
- Max weight – 3.5 Kgs.
- The bots can be wired or wireless.
- Length of the wire should not be less than 5m (if wired).
- Teams will be provided with a defined arena in which some objects will be scattered/ spread. The teams have to pick as many objects as possible and drop them into the finishing line in the given time.
- There will be negative marking if the bots perform any foul.
- The escort teacher/coach is not allowed to enter the arena and help the students in any way.

Judgment Criteria

- Dimensions of the Bot.
- Number of objects picked.

Teacher Incharge: Ms. Bindu Rashmi (9716200012)
Ms. Student Representative:
Sonal Vats
Sabhya Gupta

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CODE THE BOT: ROBOTICS

Classes   : IX - XI
Number of Participants : 4
Time Duration   : 1.5 Hour

Instructions:

- Participants should carry their own Laptops with the software Arduino Studio installed in it.
- Participants need not carry any robotic kit.
- Participants can use their own tool kit for assembling the bot.
- Participants will make a line follower robot by assembling the hardware components provided by the host school.
- Bots will be programmed using the software Arduino Studio.
- The participants will operate the bot designed by them.

Judgment Criteria

- Time taken to complete the bot.
- Accuracy in Path Traversal.

Teacher Incharge: Ms. Shikha Thakur (9871657028)
Student Representative:
Kartik Sharma
Ateev Goel