

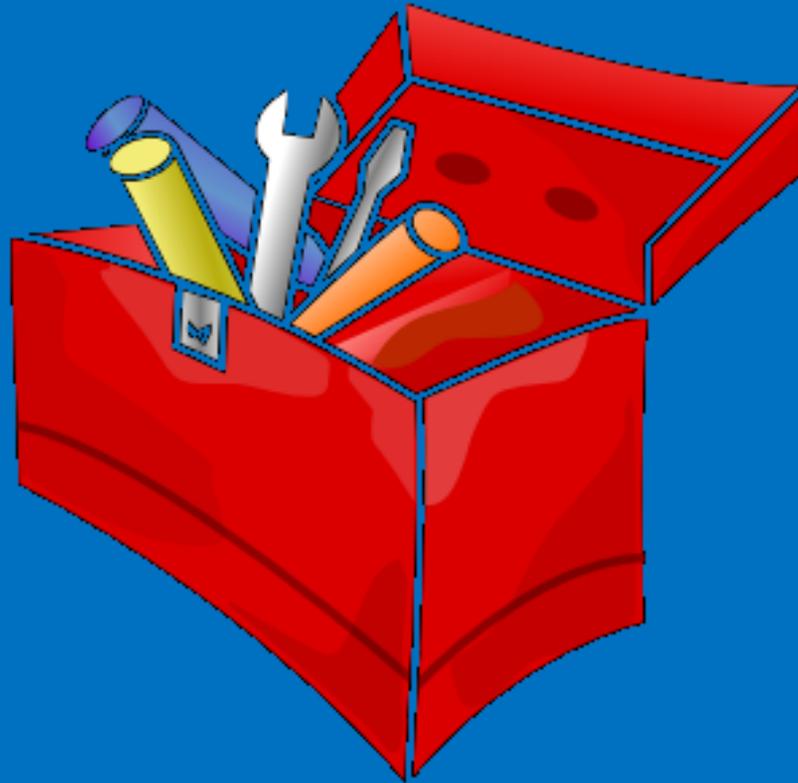


CEL Kids Hackathon 2019

Code to Enhance Learning Initiative!

Felicitation Event Partner

 **K7 COMPUTING**



Tool Kit for School Format

A Note of Gratitude

Dear Educator,

India is now as huge as it has never been before and amazingly pluralistic as ever. In order to co-exist and flourish, we need solutions which are scalable and customizable to meet the large population and its diverse needs. And believe me digital technology will play revolutionary role in it.

YOU are on path to maximize the potential of 30 lives who can be the creator of digital technologies and leaders of change and not just be consumers!

I am so happy that you have joined the movement to facilitate CEL Kids Hackathon for your kids in your school!

I am sure that your efforts of letting kids find big/little problems around them and code solutions for it would set them on transformational path to bring change in India from now itself!

I along with all 400+ kids, their teachers and educators are excited to see and learn from what your children are going to code in this Hackathon.

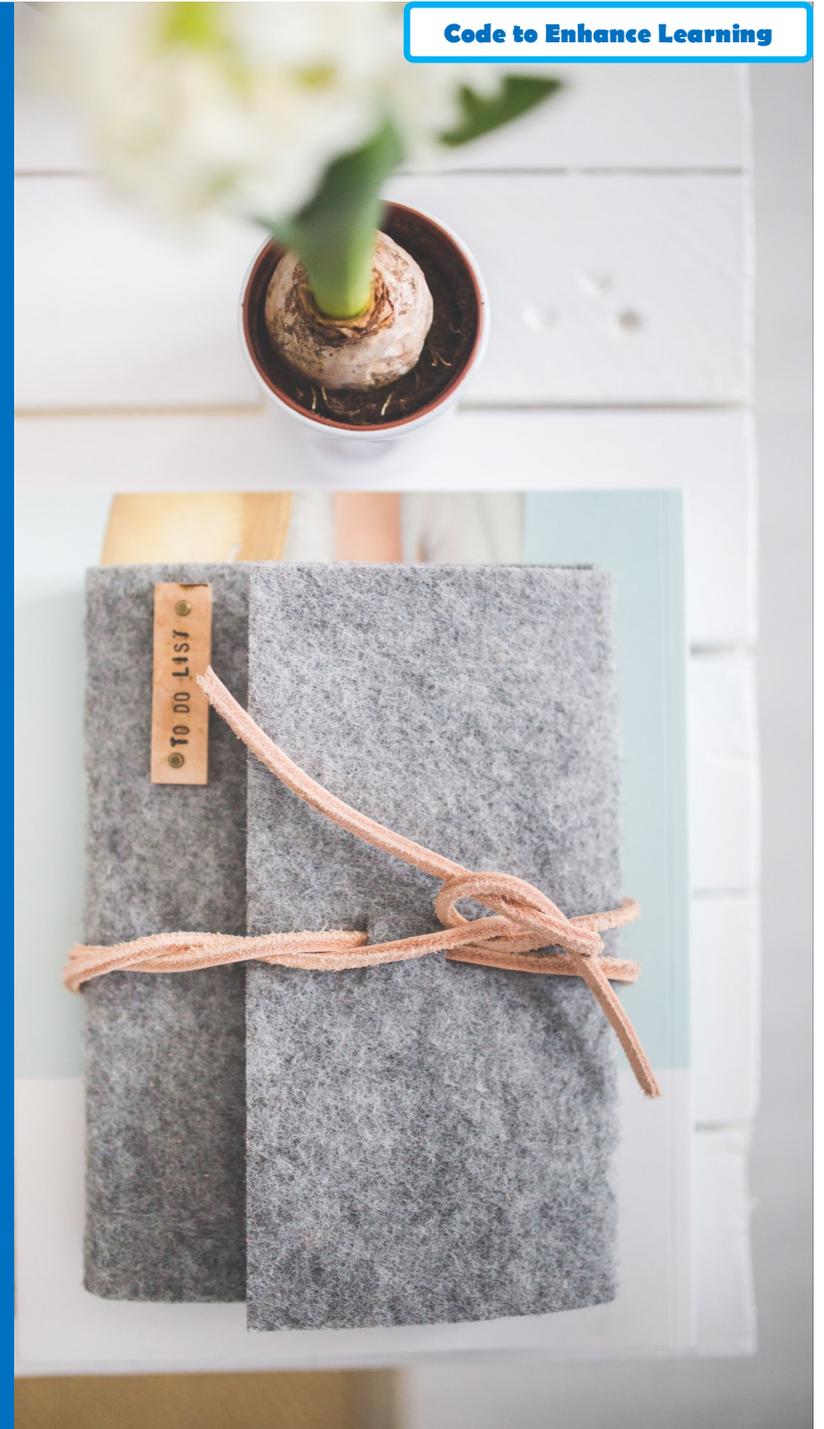
Thank you and More Power to you!

Irfan Lalani
Founder
Code to Enhance Learning

Code to Enhance Learning is a non profit with a vision that every kid codes to express and problem solve.

List of Content

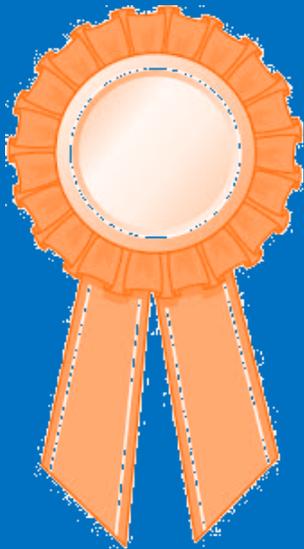
1. What is CEL Kids Hackathon ?
2. Why you should organize CEL Kids Hackathon in your school?
3. Prizes
4. Felicitation Day
5. Hackathon Day
6. Submission of Deliverables
7. Criteria of Evaluation
8. How can kids prepare for CEL Kids Hackathon?
9. Guidelines for awesome CEL Kids Hackathon Experience
10. Timelines to Remember
11. 5 things you can do if your kids don't know how to code on Scratch
12. Expert Panel of CEL Kids Hackathon 2019
13. Donors and Partners



1. What is CEL Kids Hackathon?

CEL Kids Hackathon is a short sprint collaborative coding event for students in grades 5 to grade 9 to give them a chance to showcase their coding talent. The students participate in pairs and code a project on Scratch on a given problem statement.

It could be organized by schools or organizations in their campus as School Format entries. Moreover, children can organize this at their home during the CEL Kids Hackathon week i.e. from 4 Feb to 10 Feb registering as Independent Format entries.



3. Prizes?

In School Format,

- ⇒ Winner gets INR 5000
- ⇒ 1st Runner Up gets INR 2500
- ⇒ 2nd Runner Up gets INR 1500

In Independent Format,

- ⇒ Winner gets INR 2500
- ⇒ 1st Runner Up gets INR 1500
- ⇒ 2nd Runner Up gets INR 1000



2. Why you should organize CEL Kids Hackathon in your school?

CEL Kids Hackathon helps

- ⇒ Build creativity, problem solving, collaboration and perseverance in kids promoting 21st century skills which will help in academics now as well as in future in professional life
- ⇒ Gives recognition to students, teacher and school who excel at coding at a national level
- ⇒ Offers a pedagogical way to you to let your kids be aware of problems around, share it and solve it to be on path to be an active citizen.

4. Felicitation Day

Winners get celebrated on Felicitation Day in Chennai with support of our Felicitation Event partner K7 Computing, an accomplished IT company and a recognized leader in providing safe and secured computing experience with expenses paid.

5. Hackathon Day

1 School communicates the problem statement to kids one week before Hackathon week i.e. on 28 January 2019

2 Student take time to understand the problem statement, discuss solution with partner, have feedback of teacher and work on the project they will create on Hackathon day.

3 On Hackathon Day, each pair gets 90 minutes to create the project on Scratch

4 On Hackathon Day, each pair gets another 30 minutes to make a concept note.

5 On Hackathon Day, each pair of kids get 3 minutes to present the project in front of other kids and guests.

6 Schools submit the deliverables to Code to Enhance Learning team a day after Hackathon in their school.



6. Evaluation Criteria

- 1) Relevance and Purpose:** The project created should be aimed towards a purpose which is relevant to you and your surrounding. Also, it should be aligned with the problem statement of CEL Kids Hackathon 2019.
- 2) Computational Concepts:** It means how well the integration of computational concepts defined by MIT Media Labs have been done. The seven concepts for computation like sequence, event, loops, parallelism, conditionals, operators and data.
- 3) Design:** It means completeness to achieve the task and aesthetics to appeal the user
- 4) Collaboration:** It means how the responsibilities are shared amongst the pair and their ability to sort out the difference and move towards goal.

7. Submission of Deliverables

You will be required to submit following 3 deliverables,

1) Scratch Project

You will be required to upload the all the Scratch projects of the pairs on the Scratch site and share the link with us. The name of the file should be “CEL Number_Project Name_School Name_CEL Kids Hackathon 2019”.

2) Concept Note

You will be required to submit all the concept notes made by the pairs about their projects to us in any of the following format,

- 1) A document in PDF format
- 2) Video Format

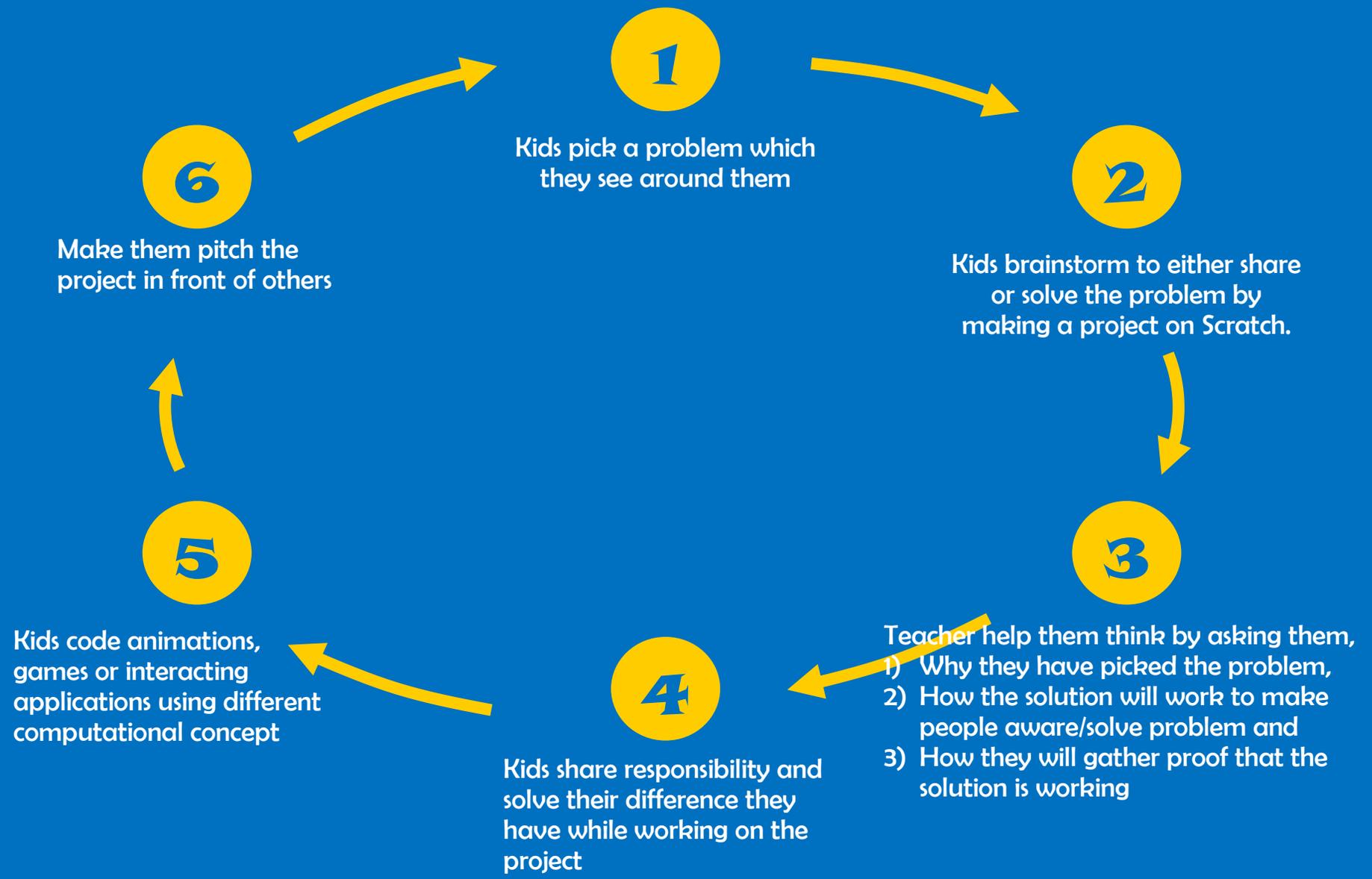
The video should be uploaded on You Tube with name as “CEL Number_Project Name_School Name_CEL Kids Hackathon 2019”. The link should be emailed to us.

3) Picture

2-3 pictures showing kids participating in CEL Kids Hackthon in your school.

All the above deliverables' link, the pdf and image should be emailed to codetoenhancelearning@gmail.com with the subject as “School Name_CEL Kids Hackathon 2019” in one single email.

8. How can kids prepare for CEL Kid\$ Hackathon?



9. Guidelines for awesome CEL Kids Hackathon Experience



Complete the preparation process mentioned on the previous page atleast 3 times before 28 January



Slot time in your schedule to introduce and explain problem statement to kids on 28 January



Do a meeting with student pair giving them feedback between 28 Jan to 3 Feb



Invite guests for the Hackathon Day especially for pitches. Teachers, parents, principals, trustees, technology leaders, educators, etc.

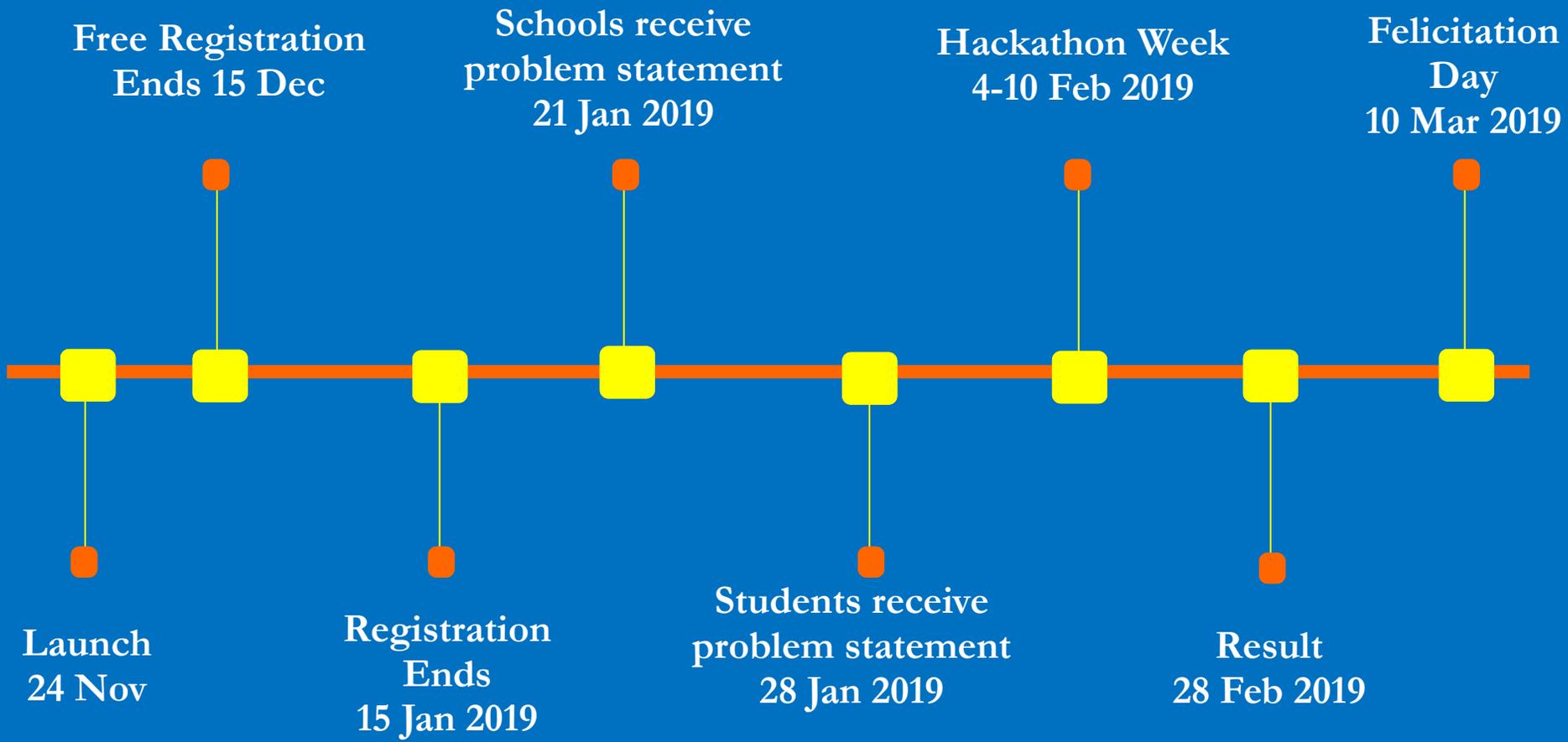


Encourage Kids to think and find solution!



You have fun too!

10. Timelines to Remember



5 things you can do if your kid\$ don't know how to code on Scratch

1 Use Creative computing curriculum of Scratch on its website and plan your lesson

2 Use the help guide in Scratch software

3 Visit our site at www.codetoenhancelearning.org and refer the resource tab for beginning coding video lessons

4 Buy Code (with Scratch) to Enhance Learning book written by Irfan Lalani designed for beginners to learn coding.

5 There are plenty of videos available on youtube and books on Amazon

12. Expert Panel of CEL Kids Hackathon 2019



Purna Mukesh

Purna started her career at Otis Elevators in IT department writing code for MRP systems. She got into teaching at Temple University while living in Japan and loved it! Therefore, she went on to get B.Ed in the USA where she taught in the public school system for years. On returning to India she worked with NGOs and taught in the government schools in both Mumbai and Bangalore. Currently, she is deeply engaged with Kidswhokode, an organization that works with students from affordable private schools to teach them coding. Her journey has been incredible with full of learning with several opportunities to give back!



Samir Mody

Samir Mody graduated from the University of Oxford in 2000 with a First-Class Master's degree in Chemical Engineering, Economics and Management. He spent over 9 years at Sophos UK, the final 3 as Threat Operations Manager of SophosLabs. Since August 2010 he has been running K7's Threat Control Lab in Chennai, India. Samir has actively contributed to the IEEE Taggant System project and other industry collaborations such as AMTSO. He has co-authored and/or presented papers and participated in panel discussions at various international security conferences. Samir's interests include reading (philosophy, politics, history, literature, and economics), sport and classical music.



Ujjawal Singh

A coder at heart, Ujjawal has worked in the information technology domain for over 6 years. While working on projects in India and abroad he has gathered experience in online systems designing, website security analysis and online payment systems. During free time he loves to play massive multiplayer online games.

He is Teach for India Alum and currently teaches at Riverside School in Ahmedabad.

Donors

We are extremely grateful to our donors below for making a concerted effort by contributing to CEL Kids Hackathon 2019 so that children in India can showcase their coding talent,

- | | |
|-------------------|-----------------------------------|
| 1) Vanita | 9) Minal Desai |
| 2) Ashish Bhosale | 10) Vivek Hanchate |
| 3) Ram Prasad N | 11) benow |
| 4) Shreesha Bhat | 12) Harshit Shah |
| 5) Jennifer | 13) Jaimin |
| 6) Tarun Jangid | 14) Devlekar Axaykumar Manojkumar |
| 7) Amit | 15) Nitika |
| 8) Dhanlaxmi | 16) Sonali |

Felicitation Event Partner

We are thankful to K7 Computing Pvt. Ltd. for being our felicitation event partner to encourage participants to give their best to showcase their coding talent and to recognize and celebrate winners.



Good Luck!

Code to Enhance Learning Trust

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