



# .CREATECH 2.0

*Community Day*

*Giving back to the Community!*

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**5-7 MAY, 2021**

Learning sessions on  
technology and tinkering



Organized by the Tinkering Club of  
Ryan International School, Vasant Kunj

# ABOUT THE EVENT

- We intend to host free online learning sessions for underprivileged members of society and students willing to gain knowledge in various technological fields, in honor of Dr. B R Ambedkar.
- Dates of the event – 5, 6, 7 May 2021
- Multiple sessions will take place simultaneously in each slot. Each student can choose one session per slot.
- For the sessions which require access to laptop/desktop, students without access are also welcome to join and learn
- Some of the sessions have extended versions. Only students who attended the initial session may choose to attend them.
- Students can register via their schools, as well as individually

# COMPETITIONS

- Competitions will be held for the sessions taken on Day 1 (5 May)
- After the closing of Day 1, students will be given prompts to prepare products based on what they've learnt
- The presentations and results for the above will be on Day 3 (7 May)
- Students from some categories will be paired to work collaboratively on a single product, namely -
  - Web Design + Web Development
  - Sound Mixing + Video Editing
- Competition winners will receive merit e-certificates
- All learners will receive participation e-certificates

# LINKS

- Registration for schools/organizations:  
<https://createch.paperform.co/>
- Registration for individual students:  
<https://createchindividual.paperform.co/>
- Website:  
<http://createchrisvk.in/createch2.0/>
- Link to join the discord server:  
<https://discord.io/createch2server>
- Students will be sent links to join the whatsapp groups after they register
- All communications will be sent on whatsapp and discord
- The last date for registration is 3 May, 2021

# SCHEDULE

## Day 1:

Time	Agenda				
9:00 am – 9:30 am	Opening Ceremony				
9:30 am – 11:30 am (Slot 1)	Web Design	Sound Mixing		Graphic Design	
11:30 am – 12:00 pm	Break				
12:00 pm – 2:00 pm (Slot 2)	Web Development	Video Editing	Sound Mixing (extended)	3D Modelling	Lego Robotics
2:00 pm – 2:15 pm	Closing for Day 1				

## Day 2:

Time	Agenda	
9:30 am – 11:30 am (Slot 1)	C++	
11:30 am – 12:00 pm	Break	
12:00 pm – 2:00 pm (Slot 2)	Python	C++ (extended)
2:00 pm – 2:15 pm	Closing for Day 2	

# SCHEDULE

## Day 3:

Time	Agenda
9:00 am – 9:30 am	Opening for Competitions
9:30 am – 11:00 am	Competition presentation – Web Design + Web Development
11:00 am – 12:30 am	Competition presentation – Sound Mixing + Video Editing
12:30 am – 1:30 pm	Competition presentation – 3D Modelling
1:30 pm – 2:30 pm	Competition presentation – Lego Robotics
2:30 pm – 3:00 pm	Competition presentation – Graphic Design
3:00 pm – 4:00 pm	Closing ceremony



# WEB DESIGN

Bhumik Bhatia



Pre-requisite Knowledge:  
None

Brief:  
Learning to design web pages, with  
emphasis on aesthetics and looks of  
the page

Languages/Frameworks:  
HTML, CSS

Requirements:  
Mobile phone or laptop/desktop with  
reliable internet connection

# WEB DEVELOPMENT

Hridiza Roy



Pre-requisite Knowledge:  
Basic HTML and CSS

Brief:  
Developing Web Apps, focusing on  
functionality and logic

Languages:  
JavaScript and PHP

Requirements:  
Mobile phone or laptop/desktop with  
reliable internet connection

Note: Students without the pre-requisite knowledge may  
attend this session after attending the web design session



# SOUND MIXING

Saaransh Srivastav



Pre-requisite Knowledge:

Basic rhythmic and melodic understanding

Brief:

Understanding compositions and arrangement techniques with special emphasis on post production

Software:

Nuendo 4 (Windows), Garage band (Mac),  
Logic (For demonstration only)

Requirements:

Laptop/Desktop with reliable internet  
connection

Note: Students will be provided with the software (Nuendo 4)

# VIDEO EDITING

Shayan Ahmad



Pre-requisite Knowledge:  
None

Brief:  
Learning to edit videos, and making additions to make a visual piece feel complete and professional

Software:  
Wondershare Filmora

Requirements:  
Laptop/Desktop with reliable internet connection



# GRAPHIC DESIGN

Akhilesh Pachnanda



Pre-requisite Knowledge:  
None

Brief:  
Learning to create 2D graphics for  
print and media, using page-layout  
techniques and typography

Software:  
Canva

Requirements:  
Mobile phone or laptop/desktop with  
reliable internet connection

# 3D MODELLING

Ishaan Minocha



Pre-requisite Knowledge:  
None

Brief:  
Learning to create 3D Models, colours  
and lighting, and basic animation

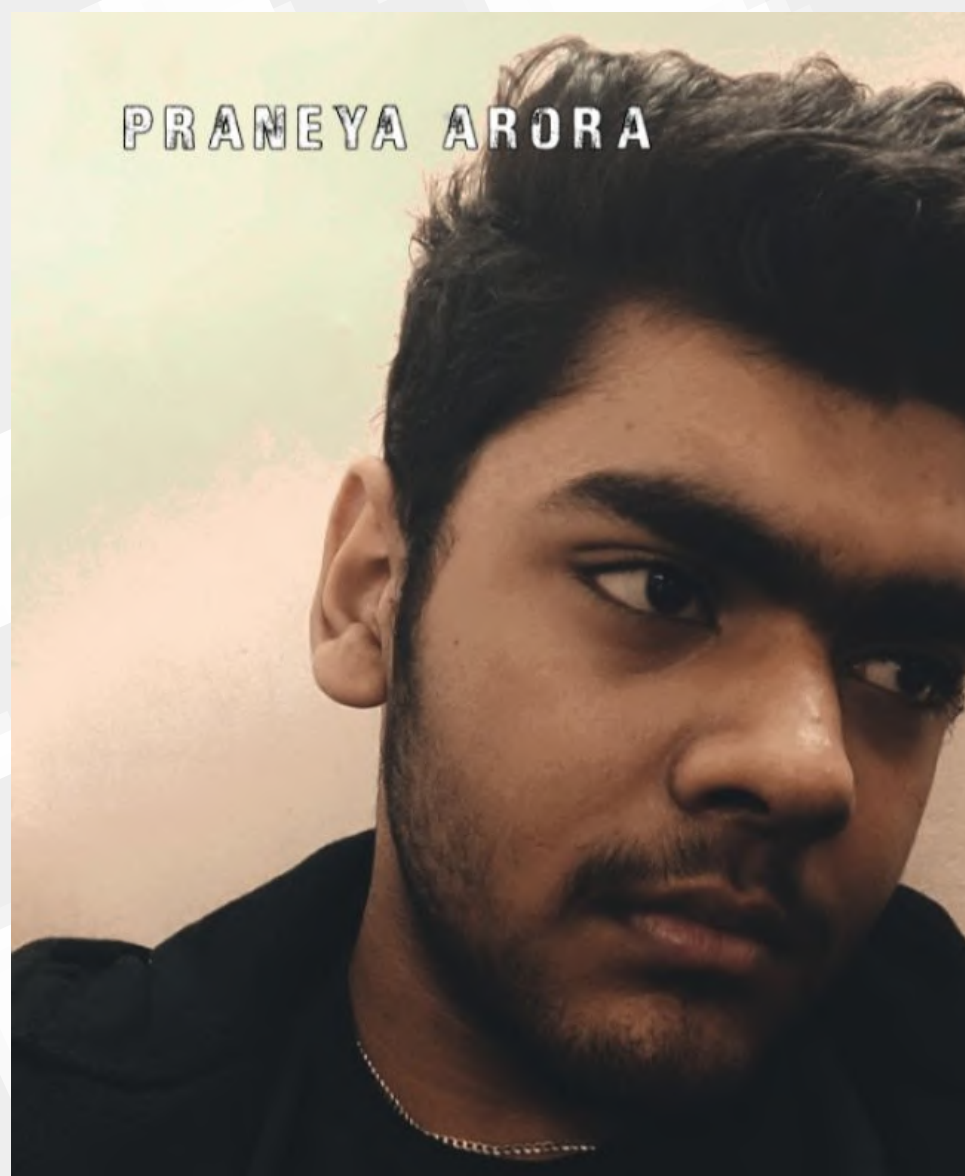
Software:  
Blender (PC), Prisma 3D (Mobile)

Requirements:  
Mobile phone or laptop/desktop with  
reliable internet connection



# LEGO ROBOTICS

Praneya Arora



Pre-requisite Knowledge:  
None

Brief:  
Learning to operate lego ev3  
mindstorms education software,  
making basic programs, and gaining  
hardware knowlege

Software:  
Lego Mindstorms Education ev3

Requirements:  
Laptop/Desktop with reliable internet  
connection



# PROGRAMMING - CPP

Hridiza Roy



Pre-requisite Knowledge:  
Basic Algebra

Brief:  
Programming in C++ for absolute  
beginners

Requirements:  
Mobile phone or laptop/desktop  
with reliable internet connection



# PROGRAMMING - PYTHON

Aryah Rao



Pre-requisite Knowledge:  
Basic Algebra

Brief:  
Programming in Python for  
absolute beginners

Requirements:  
Mobile phone or laptop/desktop  
with reliable internet connection

# CPP VS PYTHON

Which is better for whom

## C++

- C++ produces the leanest and most effective code for high-impact applications
- Better suited to program hardware, microcontrollers like Arduino etc.

## PYTHON

- Python is relatively easier to learn for beginners, has a simple syntax and easy-to-read code
- Better suited for Artificial intelligence, machine learning, data science etc.



**FEEL FREE TO REACH OUT  
TO US!**

**SESSION HEADS**

Bhumik Bhatia

9560765875

Hridiza Roy

7678440812

Saaransh Srivastav

7042958024

Shayan Ahmad

7982449122

Akhilesh Pachnanda

9311750419

Ishaan Minocha

9717447119

Praneya Arora

7678623184

Aryah Rao

9810742503

## **EVENT COORDINATORS**

Siddharth Khemani

9599743400

Sannil Badam

9205443019

Manas Kumar

8527512379



@\_.createch



createchrisvk@gmail.com

# OUR MENTORS

## ATL INCHARGE

Mr. Akash Kumar

## ATL MENTOR

Mr. Vasu Gupta

## PRINCIPAL

Mrs. Anuradha Sharma

## VICE PRINCIPAL

Mrs. Arti Bahadur