.CREATECH 2.0

Community Day

Giving back to the Community!

5-7 MAY, 2021

Learning sessions on technology and tinkering

NITI Aayog | ATAL INNOVATION MISSION

RYAN
INTERNATIONAL GROUP OF INSTITUTIONS
EXCELLENCE IN EDUCATION
&
ALL ROUND DEVELOPMENT

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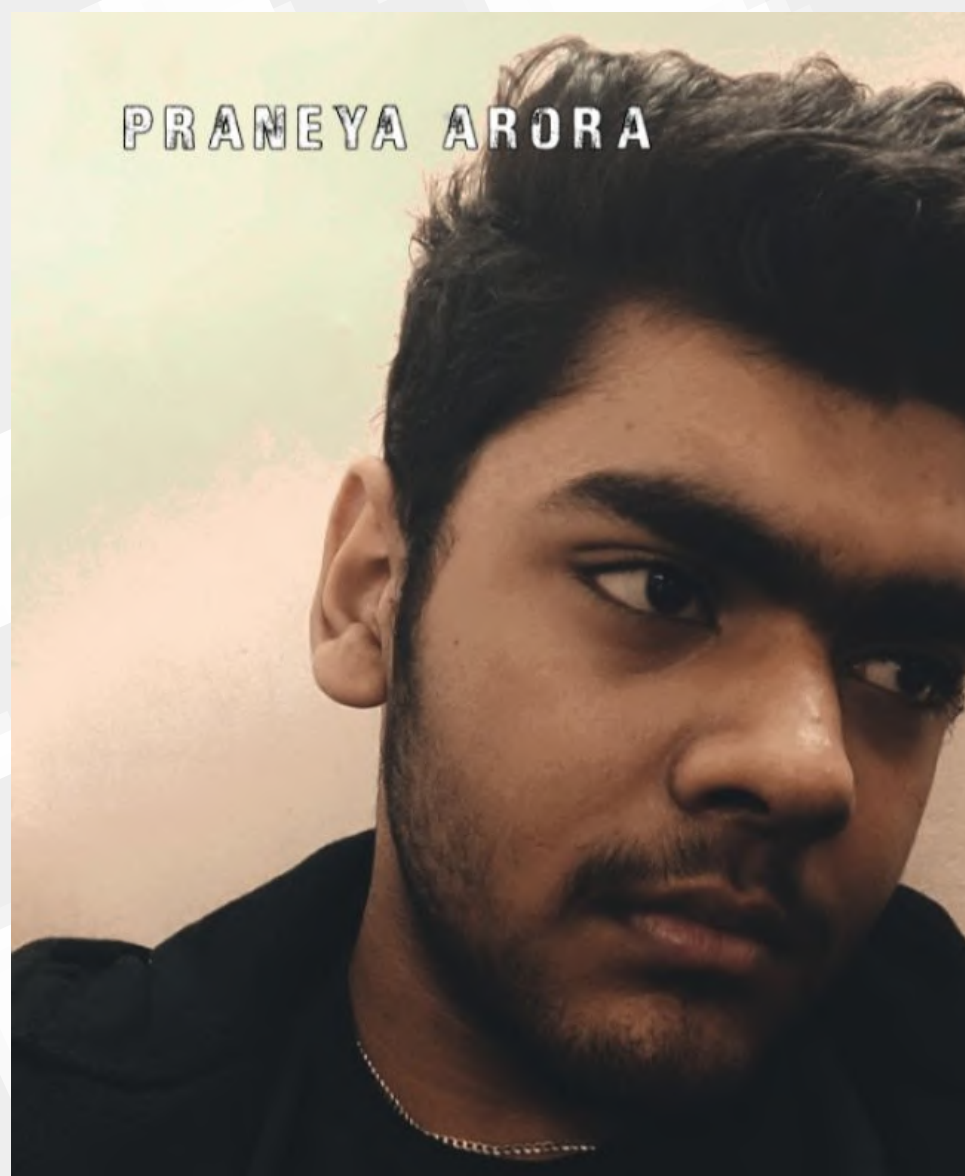Learning to create 3D Models, colours and lighting, and basic animation

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

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