.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

Tanishq Bhargava Saaransh Srivastav

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

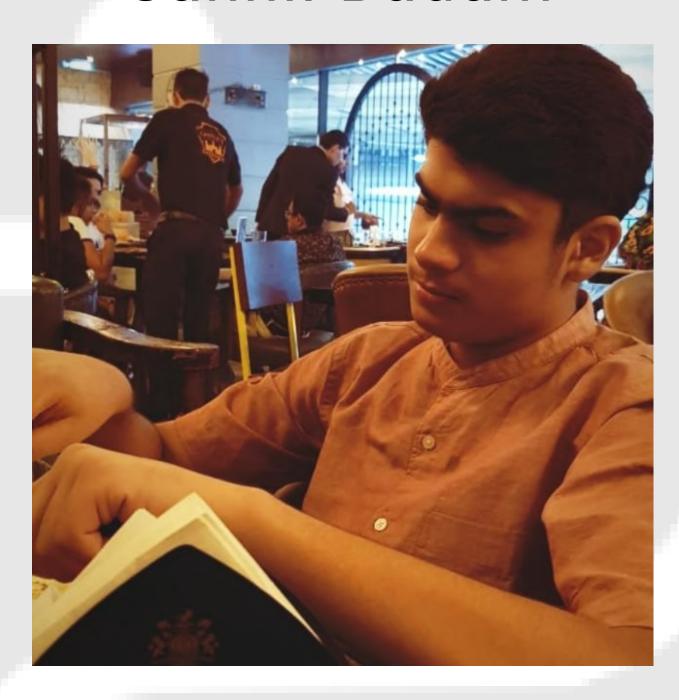

Pre-requisite Knowledge:
Basic Algebra

Brief:
Programming in C++ for absolute beginners

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

PROGRAMMING - PYTHON

Sannil Badam

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

Sannil Badam
9205443019

EVENT COORDINATORS

Siddharth Khemani
9599743400

Aryah Rao
9810742503

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

TEACHER COORDINATOR

Ms. Priya Mor