



Journey of ICT Awardee

Sangita Panchal (Delhi Category)

Education

- ❖ **Hindu College, Delhi University, Delhi, India Master of Science in Organic Chemistry, 1982**
- ❖ **Montgomery College, Rockville, Maryland, USA, Computer Operations, 1984**
- ❖ **Maryland University, College Park, USA Computer Languages, 1985**
- ❖ **Indira Gandhi National Open University (IGNOU), Delhi, India Master of Computer Application (MCA), 2005**

Education



Hindu college, Delhi, India



Montgomery College, Rockville, Maryland



Maryland University, College Park, Maryland

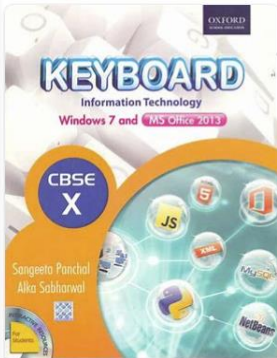
HRMS (1987...2021)



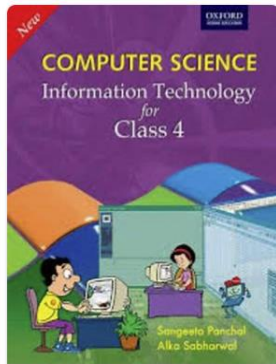
Books Authored (1999...working)

**Computer Science Textbooks (Class 1-10, both CBSE and ICSE Syllabus)
published by Oxford University Press, India**

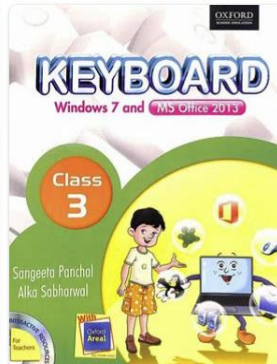
- ❖ **Ubuntu 18.04 series** for classes 1-8
- ❖ **Keyboard series** (Windows 10 and MS Office 2016) for classes 1-10
- ❖ **Free and Open Source Software (FOSS) Series** for classes 1-8
- ❖ **Pixel Series** (Windows 7 and MS Office 2013) for classes 1 -8
- ❖ **Keyboard Computer Applications** (Windows 10 and MS Office 2016) for classes 9-10
- ❖ **Go Digital: A Basic Course in Computer Science** (Windows 7 and MS Office 2013) for classes 1-8
- ❖ **Fast Forward series** (Windows 7 and MS Office 2013) for classes 1-8



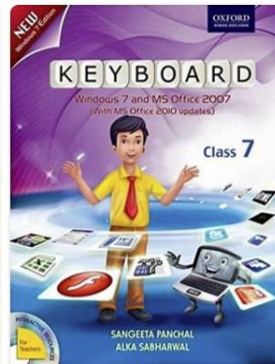
Keyboard Information Technology Windows 7 and ...



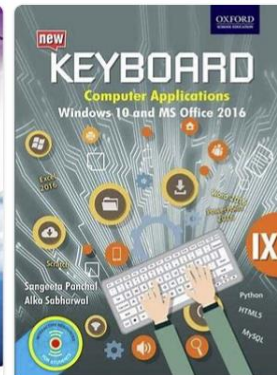
Buy Computer Science Information Technology For ...



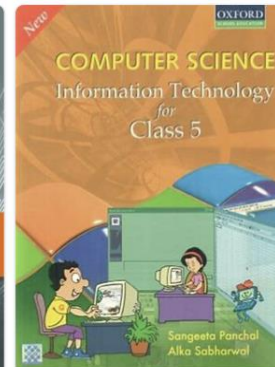
Buy Keyboard Windows 7 & Ms Office 2013 Class 3 book : S...



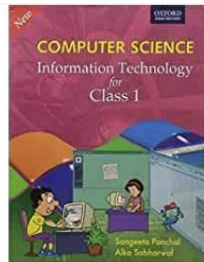
Keyboard Windows 7 and MS Office 2007 with MS Office 2...



Keyboard Windows 10 Office 2016 Class 9 by Sangeta Pa...



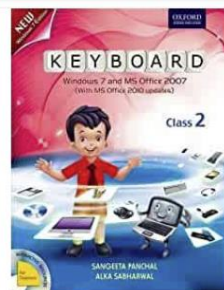
Computer Science Information Technology (Book - 5) 1st E...



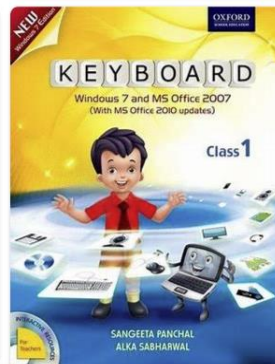
Computer Science: Information Technology Cour...



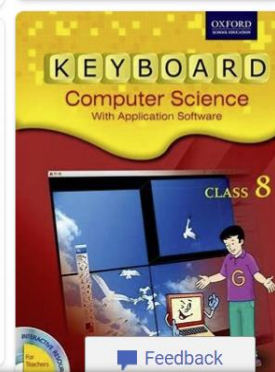
Computer Science: Information Technology Cour...



KEYBOARD WINDOWS 7 EDITION BOOK 2: SANGEET...



Keyboard Coursebook 7: Windows 7 and Ms Office 20...



Feedback

In 2005....

- ❑ Started conducting workshop of Informatics Practices for DAV teachers.
- ❑ Started centralized paper for class XI informatics practices for DAV teachers.
- ❑ Started taking one day computer workshop for other subjects....

How to work with online version of Word, PowerPoint, Excel so that everyone can share the content and work in collaboration.

How to send mail to a group / individual

Application program of particular subject

Microsoft Program started in school (2015....)

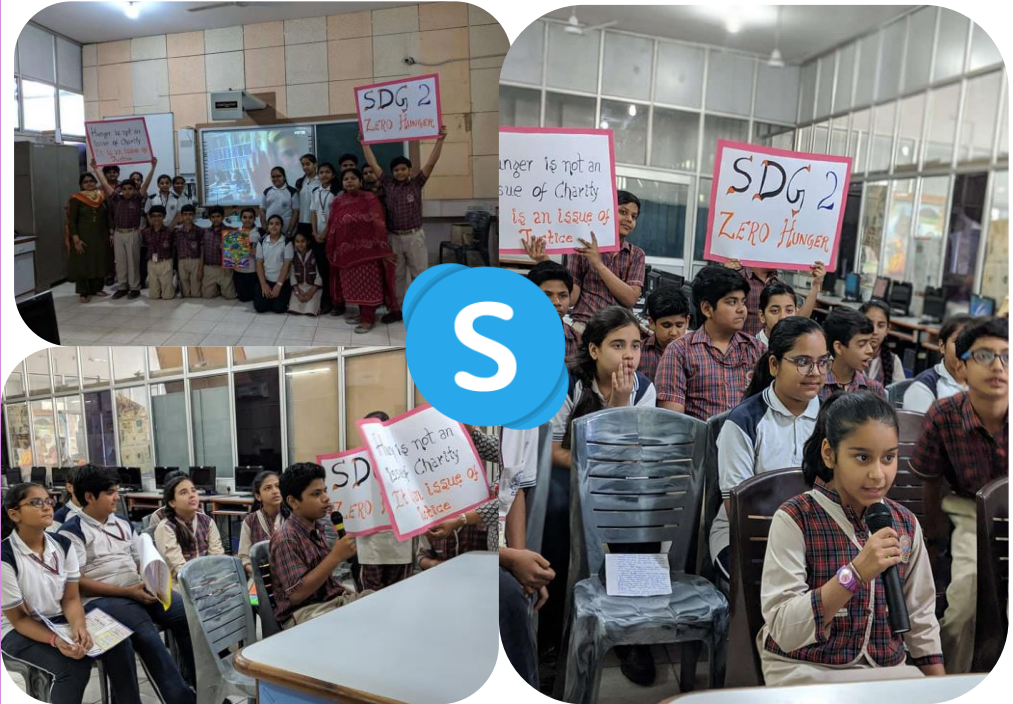
Interaction with Students



Global Interaction using Skype



Zero Hunger



Students Global Interaction



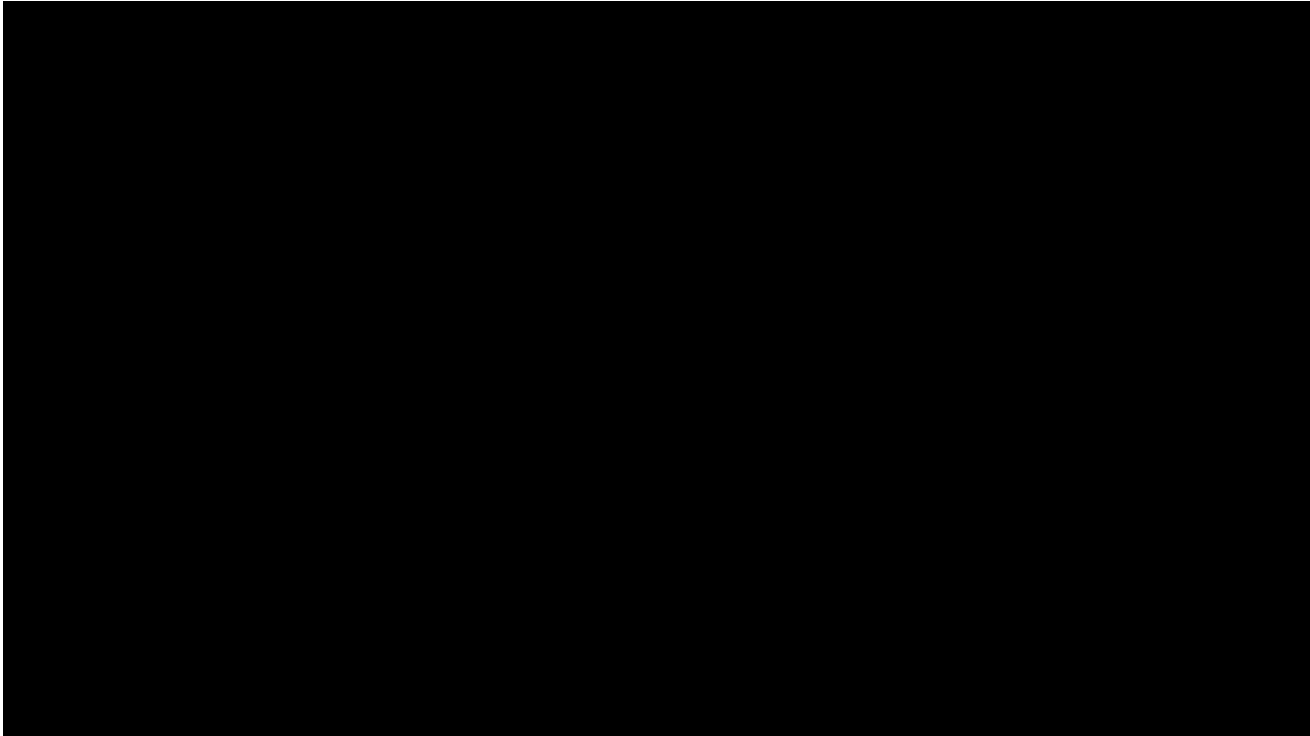
Interaction with Teachers



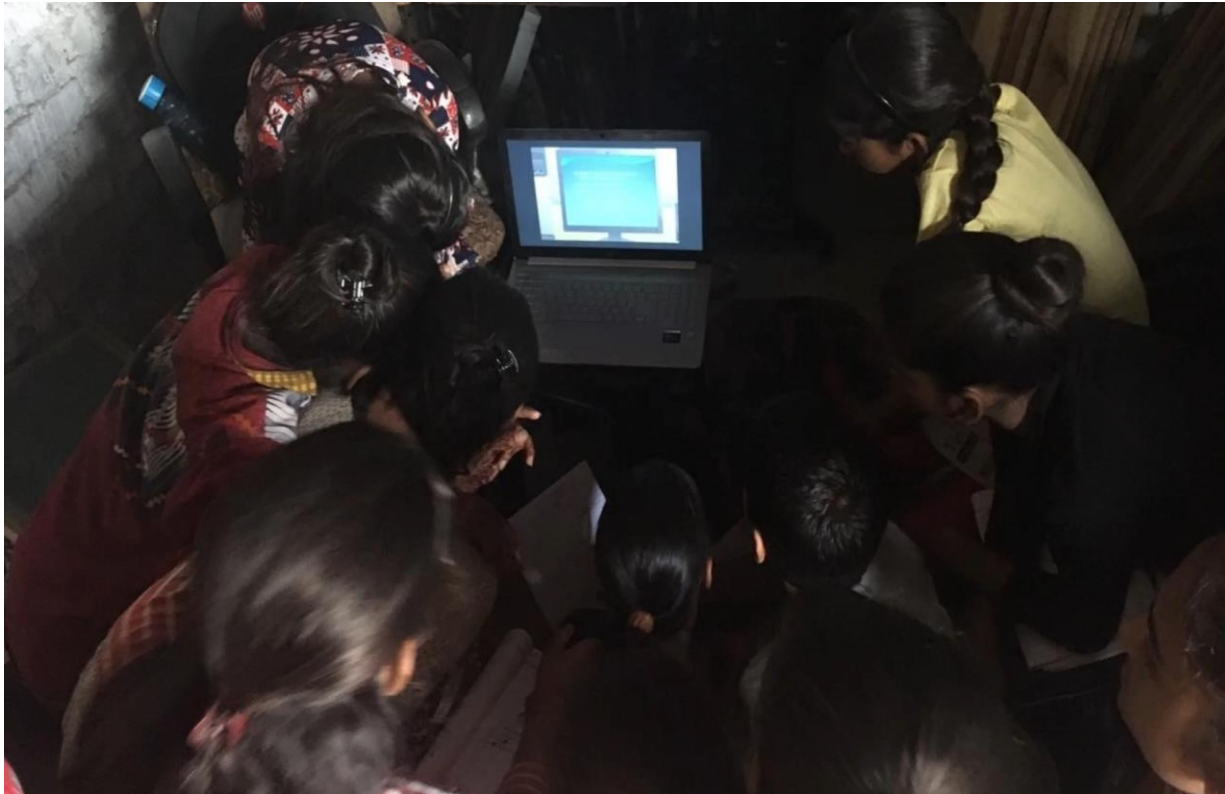
Personal views



Share knowledge with Global Teachers



Interaction with Robinhood Academy Students





Personalized Learning using ICT Tools



Heavy Hearts To Happy Hearts



1. Teaching/Training Tools
2. Student Learning Tools
3. Assessment Tools
4. Student Project Tools

Virtual Learning using MT



Student' view before/after lesson

Mentimeter



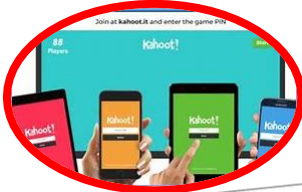
Pedlet

My distinguished padlet
Made with whimsy

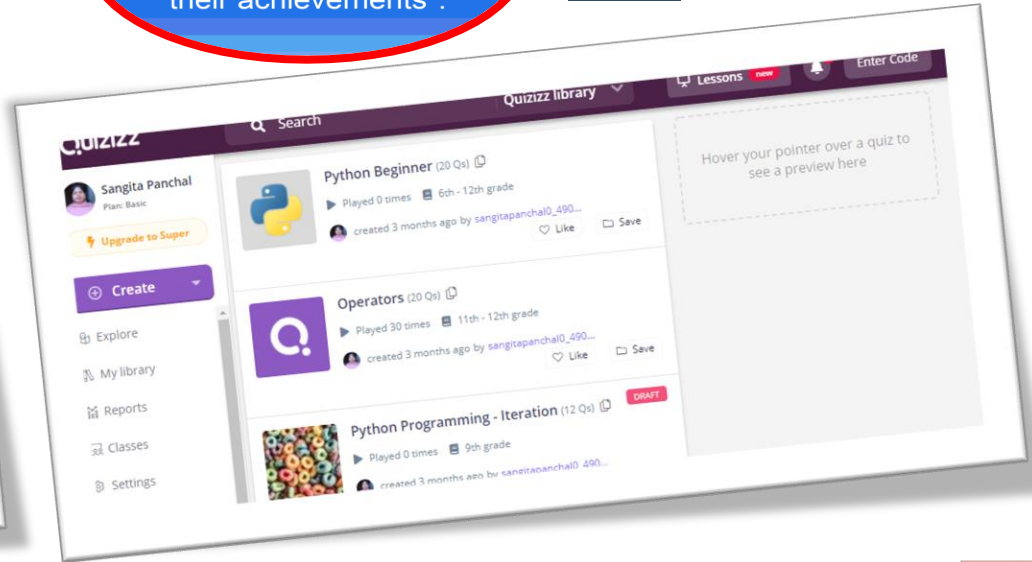
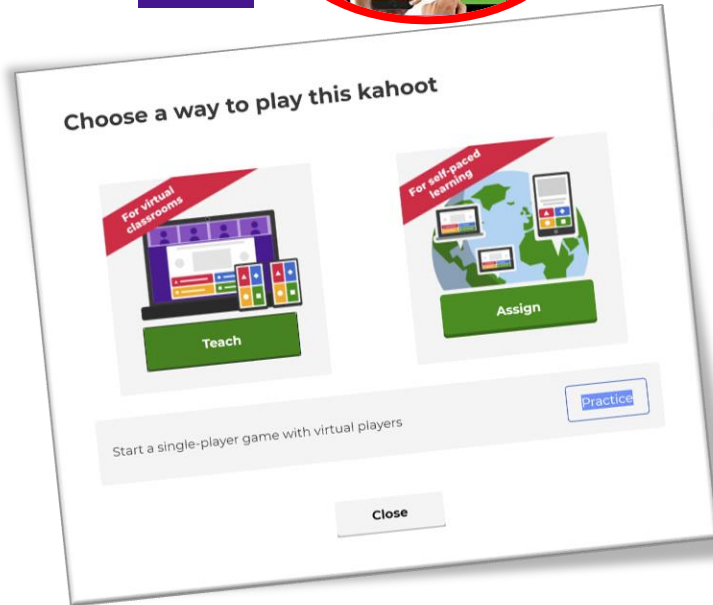
<pre>/gives answer in float value always : Eg- 10/3= 3.33333333333 // Gives answer in integer value when both the dividend and divisor are integers Eg1. 10/3=3 If any one of the divisor or dividend is in float then we get the answer in float Eg2.10/3.5=2.0 Formula for determining the remainder is - Output=dividend-(divisor* (dividend//divisor)) The remainder is represented by a modulus% Eg-10%3 =10-(3*(4))=10-(12)=2</pre>	<pre>Formula for modulus is dividend- (divisor*(dividend//divisor)) % gives the remainder It can be in decimal as well as integer // gives floor division -10%3=2 // gives floor divi When we do the floor division of an integer value the answer is always an integer and when we do the floor division of a decimal value, the answer is in decimal</pre>	<pre>// is floor division -12/4= -3.0 7/3 = 2.33 % gives the remainder -10%3 2 A=100%5 print(A) // is floor division a=10//3</pre>	<pre>% is difficult Modulus gives remainder %remainder and / float division and //floor division #nice concept /gives division // Gives quotient (floor division) % gives remainder (works with formula a -(n*(a/n)) / gives the answer in decimal // operator gives the floor value of the division always less than the result. eg. input: 10/3 output: 3</pre>	<pre>a= 'hello world' / is for quotient in decimal // is floor division Formula for % is dividend- (divisor* (dividend//divisor)) % gives the remainder</pre>
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Learnt a lot today 😊
Signing off.....

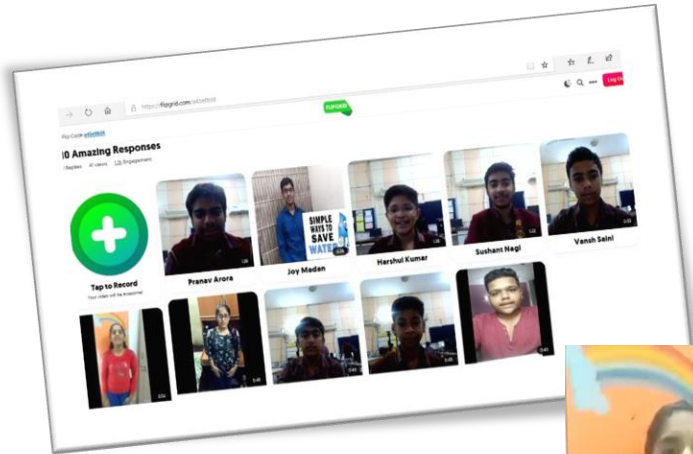
Fun way of accessing Learning



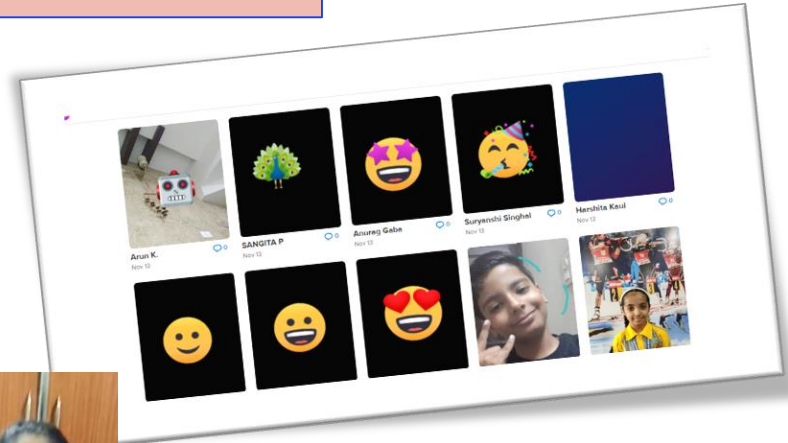
Quizzz
"Self-paced review tools that help every student celebrate their achievements".



Flipgrid – Amplify Voice



<https://flipgrid.com/vog5i3x>



<https://flipgrid.com/ca5e165d>

Let's Churn Minds using Microsoft/Google Forms

Microsoft Forms for Quiz

The screenshot shows a Microsoft Forms quiz interface. The title is "Sikkim - Delhi Quiz" and it states "There are 15 Questions of 1 mark each in the quiz." Below the title, there is a warning: "Hi Sangita, when you submit this form, the owner will be able to see your name and email address." The form includes a "Personal Information" section with two required questions: "1. Name of the student (Enter your name in Capital letters) *" and "2. Roll Number *".

Result in Excel

The screenshot shows an Excel spreadsheet with the following data:

Group	Name	How much of water	Which of the follow	The average person	The best way to save	The amount of water	How much water is	We should run
Control	Ruby Panchal	1%	Having a Bath/Shower	360	Check your toilet valve	About 50% of original	50 litres	9 am to 6 pm
Control	aaditya pratap singh	1%	Doing a load of Laundry	135	Don't leave the tap run	About 80% of original	50 litres	Noon until 6 pm
Control	rishit mahindru	1%	Washing Car	200	Don't leave the tap run	The same amount	50 litres	Noon until 6 pm
Control	vedanth tanuja	1%	Washing Car	360	Check your toilet valve	About 40% of original	500 litres	Noon until 6 pm
Control	bhumiika sharma	1%	Having a Bath/Shower	135	Check your toilet valve	About 80% of the origi	50 litres	Noon until 6 pm
Control	saurav batra	More than 50%	Washing Car	360	Don't leave the tap run	About 40% of original	500 litres	Noon until 6 pm
Control	param tanwar	10%	Washing Car	360	Don't leave the tap run	About 80% of original	500 litres	6 am to 1 pm
Control	paraj shergill	More than 25%	Having a Bath/Shower	200	Don't leave the tap run	About 40% of original	250 litres	6 am to 1 pm
Control	sarthak sothia	1%	Having a Bath/Shower	1000	Rinse vegetables in a	About 40% of original	250 litres	Noon until 6 pm
Control	Aayush Aggarwal	1%	Having a Bath/Shower	1000	Rinse vegetables in a	About 80% of the origi	250 litres	Noon until 6 pm
Control	Mansi Khurana	1%	Having a Bath/Shower	1000	Rinse vegetables in a	About 40% of original	50 litres	Noon until 6 pm
Personalized	Ananya Narang	1%	Washing Car	135	Don't leave the tap run	The same amount	50 litres	Noon until 6 pm
Personalized	Siddharth Gupta	10%	Having a Bath/Shower	200	Check your toilet valve	About 80% of the origi	50 litres	9 am to 6 pm
Personalized	JOY MADAN	1%	Washing Car	135	Use Dish washer when	The same amount	50 litres	9 am to 6 pm
Personalized	KRISH YADAV	1%	Washing Car	135	Check your toilet valve	About 80% of original	50 litres	9 am to 6 pm
Personalized	PAARTRIX GARG	10%	Washing Car	360	Check your toilet valve	About 50% of original	50 litres	9 am to 6 pm
Personalized	divya balhra	1%	Having a Bath/Shower	360	Check your toilet valve	About 50% of original	50 litres	9 am to 6 pm
Personalized	Vansh Saini	1%	Washing Car	135	Check your toilet valve	About 50% of original	50 litres	9 am to 6 pm
Personalized	Bhuvan Khanna	1%	Washing Car	135	Check your toilet valve	About 50% of original	50 litres	9 am to 6 pm

HW / Subjective Paper using Class Notebook

Subjective Paper

Homework

COMPUTER SCIENCE - SUBJECTIVE PAPER

File Home Insert Open in Desktop App Tell me what you want to do

Handwritten text in the notebook:

Function: A block of organized, reusable code that is used to perform a single, related action. Functions that you create can be used in your code whenever you need them, and you can give the function a name so you can identify it.

Steps:

- 1) Create a function
- 2) Call the function
- 3) Use the function
- 4) Test the function
- 5) Debug the function

Flowchart:

```
graph TD
    A[Function] --> B[Create a function]
    B --> C[Call the function]
    C --> D[Use the function]
    D --> E[Test the function]
    E --> F[Debug the function]
```

Right sidebar:

Close

Raunak Chopra

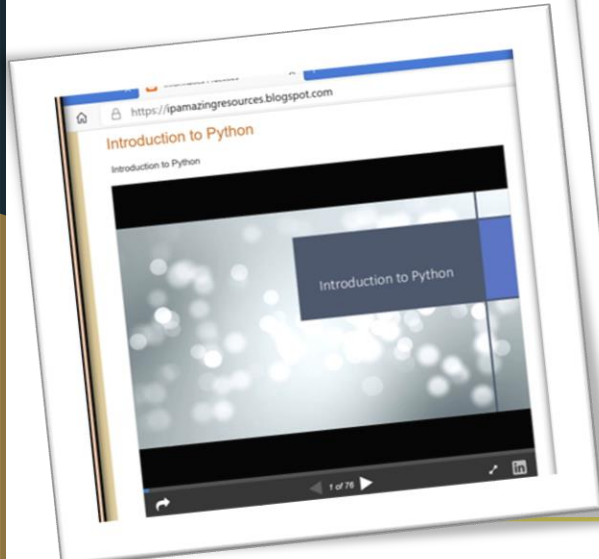
Student Work
Turned in September 26, 2020 at 11:58 AM
View History

COMPUTER SCIENCE - SL

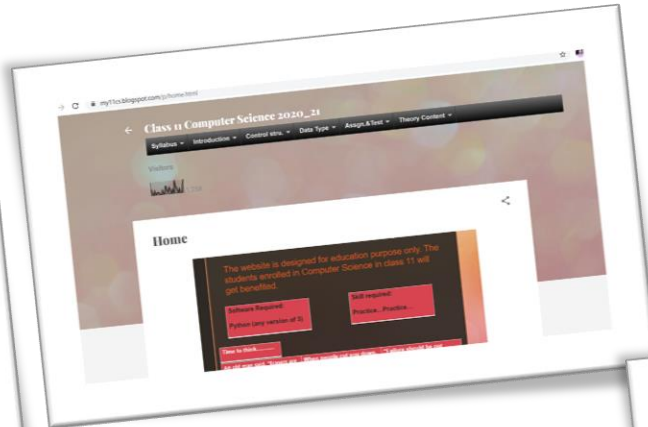
Feedback
Enter feedback

Points
22 / 35

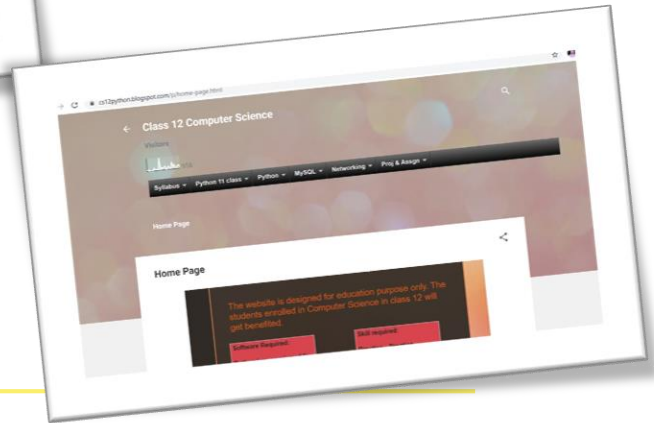
24 / 7 Learning using Blogs



<https://ipamazingresources.blogspot.com>



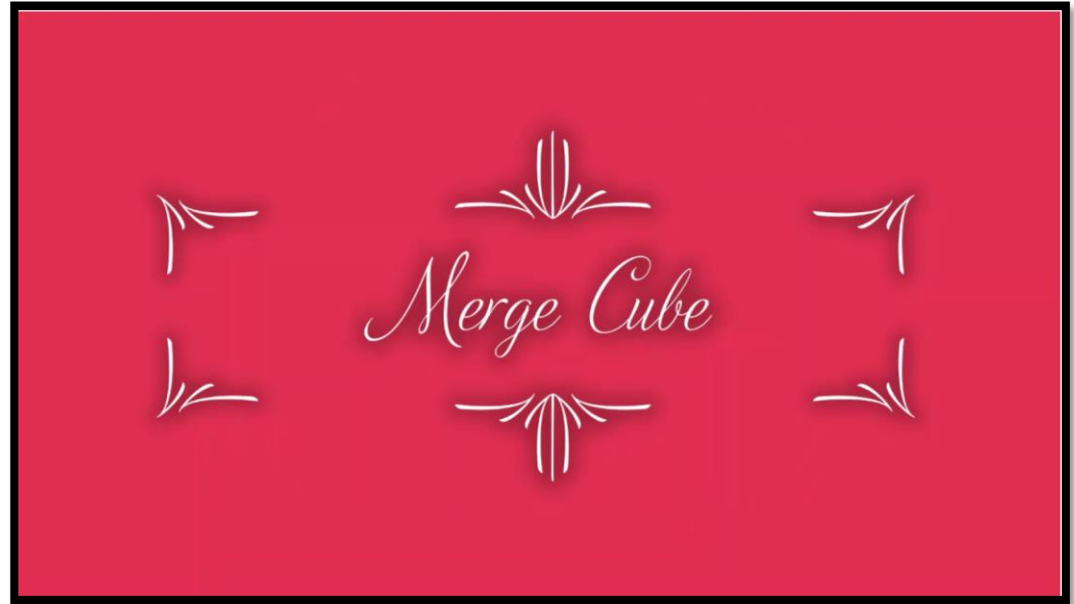
<https://my11cs.blogspot.com>



<https://cs12python.blogspot.com>

**In PowerPoint, record lesson,
create video and upload in a
cloud whose link is already
shared by the teachers.**

Virtual Reality using Merge Cube



Additional link:

<http://bit.ly/2MwZ20i>

<http://bit.ly/2MvbugW>

<http://bit.ly/3t11qgx>

Minecraft – Gamify and Simplify

Python Tutorial



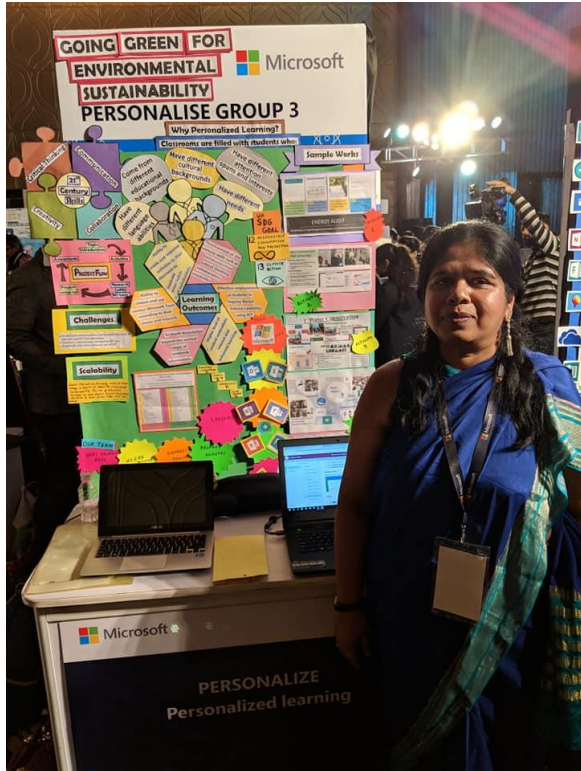
Military Base Tutorial





Accolades

Microsoft Edu Days



Microsoft Edu Days



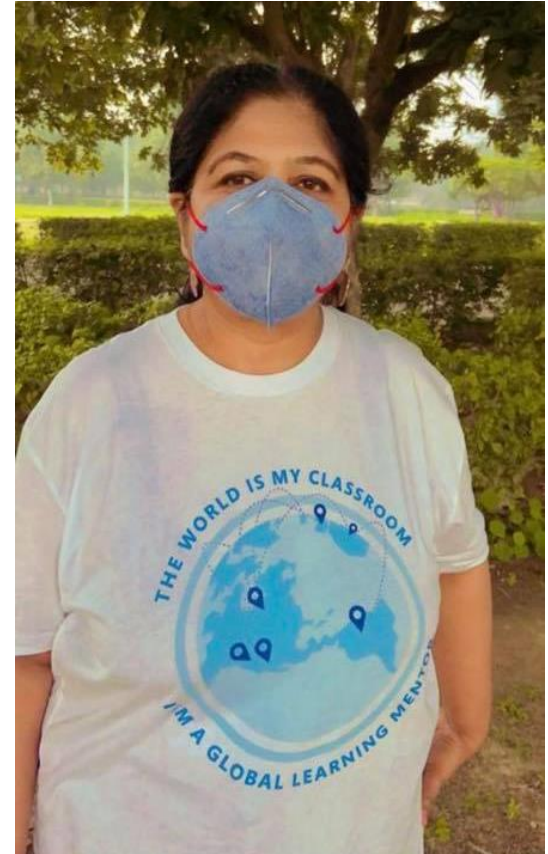
Certificate of Appreciation

awarded to **SANGITA PANCHAL**

in recognition of valuable contribution and support to the
Global Learning Mentor program.



Global Learning Mentor program



Selection for Australia

× Close | Previous Next

Please join us for the Microsoft Education Exchange E2 2020



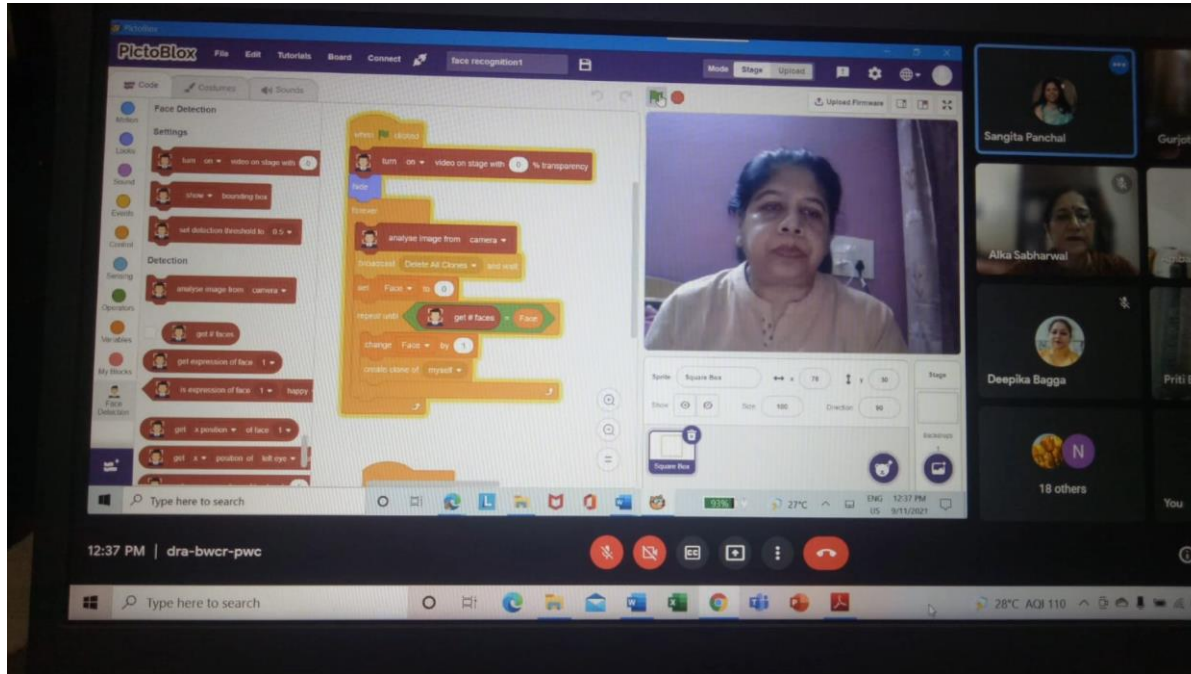
You're Invited to E² in Sydney!

It is my pleasure to invite you to participate in Microsoft's 6th annual E² | Education Exchange in Sydney on March 24 – 26, 2020. This exclusive three-day event will bring together over 300 of the most innovative educators from around the world for the opportunity to collaborate, create, and share their experiences on how to integrate technology and pedagogy to advance learning, achieve student outcomes, and transform education.

Event Highlights

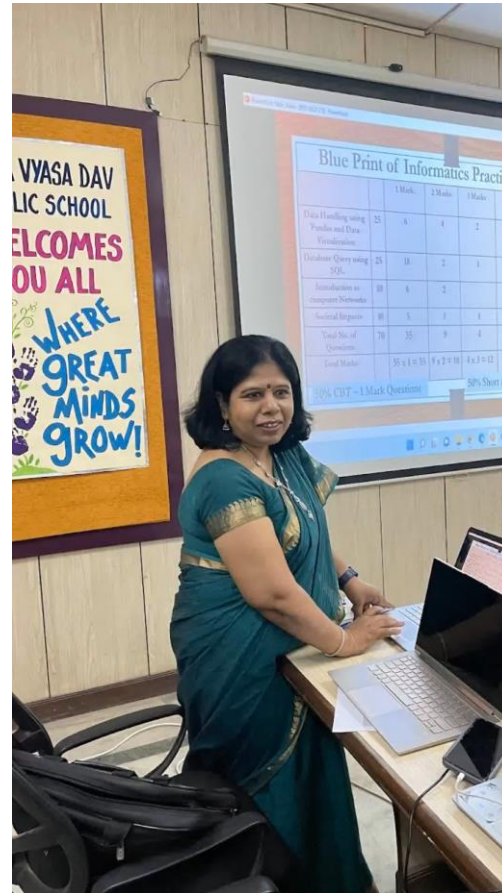
- Educator Learning Marketplace - share your learning activity and learn from peers who are using Microsoft technologies in innovative and creative ways
- Professional development and certification opportunities - participate in workshops and training opportunities run by peer educators
- Global Learning Challenge - take part in the Class Hack learning group challenge

Workshops conducted for DAV Computer Teachers of class I to X – Artificial Intelligence using Pictoblox



Workshops conducted for DAV Computer Teachers of class XI and XII

- ❑ What is 21st Century Learning?
- ❑ How to prepare papers according to NEP 2020?



Workshops conducted for OUP Publication – About Cybercrime, create games using Scratch, create mobile application using Appinventor



Sangeeta Panchal

Author of Reboot (1-5), published by Oxford University Press, will train teachers on November 29 | 4:30 PM



Your school is a user of Reboot 1-5 (few/all classes)! We welcome your teachers/Computer educators of classes 1-5 to join the online, exclusive, author-led training of Reboot.



Sangeeta Panchal

Author of Reboot (6-8), published by Oxford University Press, will train teachers on December 1 | 4:30 PM



Your school is a user of Reboot 6-8 (few/all classes)! We welcome your teachers/Computer educators of classes 6-8 to join the online, exclusive, author-led training of Reboot.

National ICT Award Ceremony



Video by NCERT



