

JOURNEY OF ICT AWARDEE

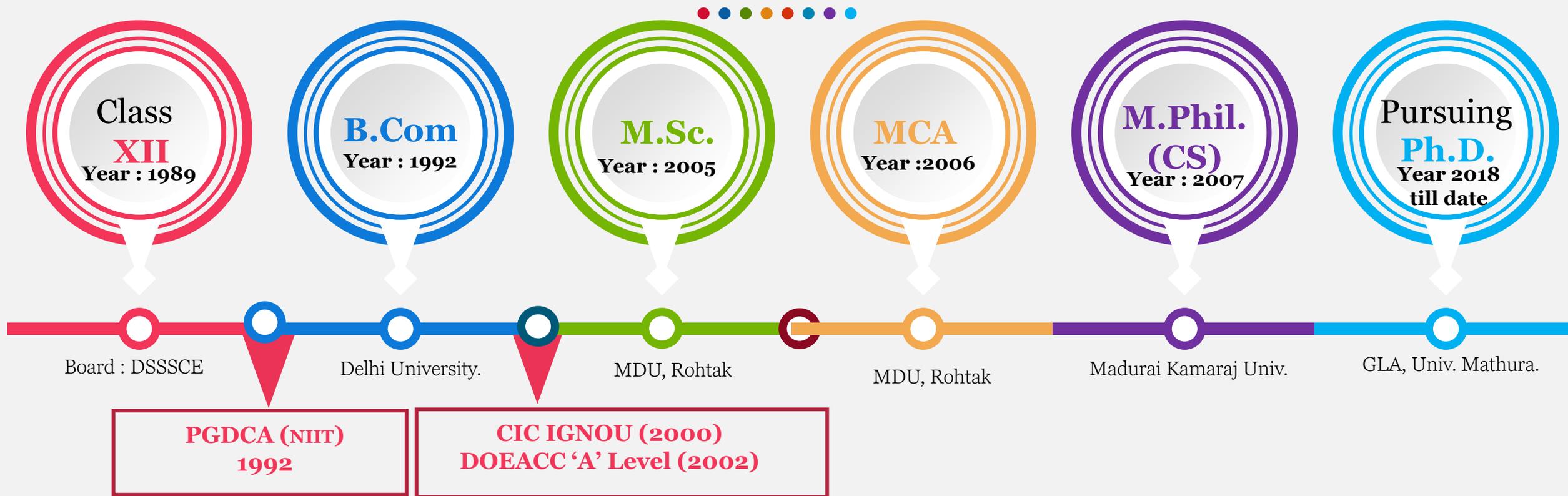
- National ICT Award 2016
- CBSE Award for Teaching 2021
- Cyber Security Awareness Coach
- Microsoft Innovative Educator Expert & Fellow,
 - Microsoft Master trainer
 - Resource Person – NCERT, SCERT, NIOS
- Ambassador – Minecraft Education, Genially, Wakelet, Flipgrid
 - Microsoft Certified Educator,
 - Microsoft Office Specialist
 - Microsoft Technical Associate



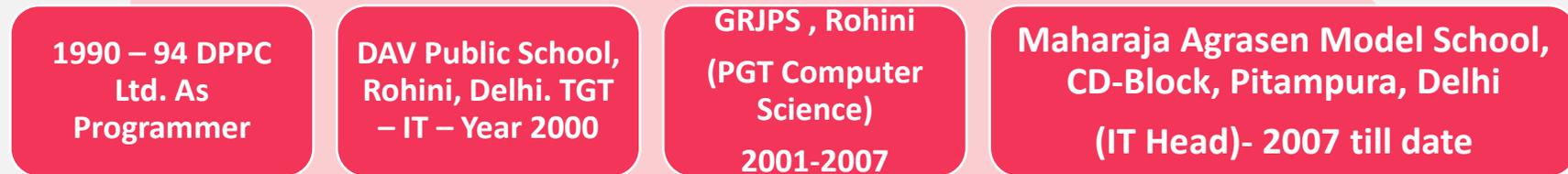
Chandni Agarwal

**Head, Computer Science Dept.
Maharaja Agrasen Model School**

My Road Map of Learning



Professional Path







Pillars of my strength





**"TECHNOLOGY FEEDS ON ITSELF.
TECHNOLOGY MAKES MORE
TECHNOLOGY POSSIBLE."**

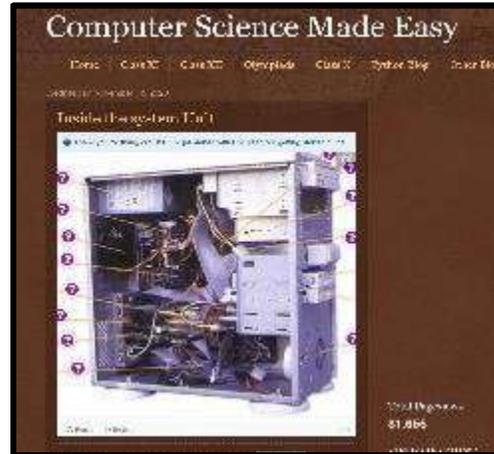
ALVIN TOFFLER

Online Repositories- E-Resources for 24x7 connectivity



YouTube Channel – Code Guide

For 24x7 help created Youtube channel clocking 400k+ views & videos for students & teachers both



Blog – Computer Science made easy

A master blog embedded with Different blogs for providing subjective help to students



Bundle of Joy

Set of Online games for students where they can learn with gamification tools



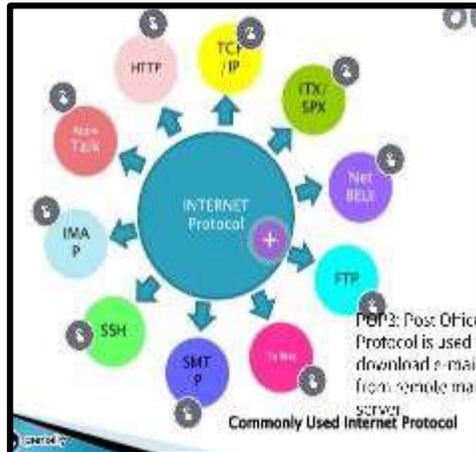
Wakelet Collections

Organised Collection of e-Resources & effective during online classrooms and resources accessibility



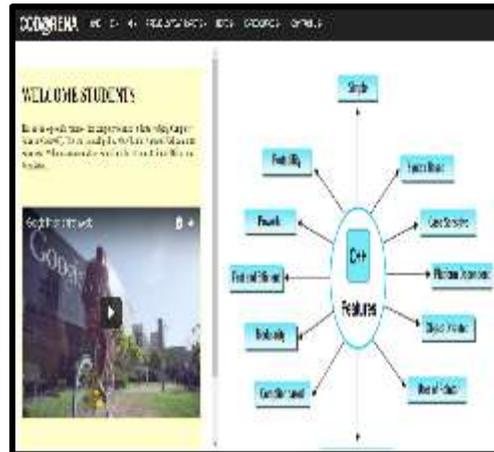
Colab Notebooks

Python Codes – Explained in class & allows work collaboratively



Interactive Lessons

Shared links of interactive exercises created through Genially or H5P



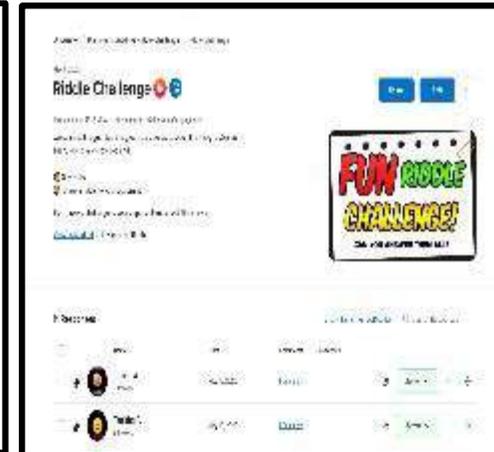
Cs resources

Bootstrap website to access previous year Question paper, notes & sample papers



Online e-Kaksha

Created Audio-Video books for all subjects for class XI using OneNote & Immersive Reader



Flipgrid As Tutoring Tool

Recorded my lesson on Flipgrid & used that as assessment. Helped in increasing Communication skills



Presentations

Subject wise Presentations & Mindmaps for memorization & practice

Computer Science Made Easy

Home

Class XI

Class XII

Olympiads

Class X

Python Blog

Other Blogs

Wednesday, November 18, 2020

Inside the system Unit

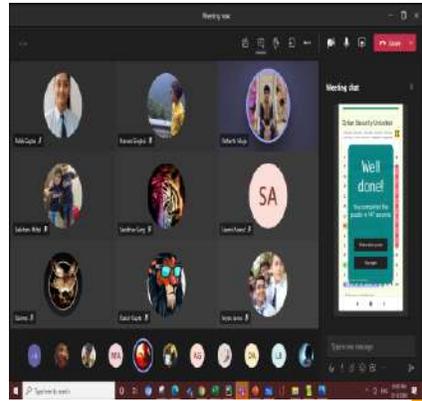
Thank you for trying out H5P. To get started with H5P read our [getting started guide](#)



**STARTED
BLOGS IN 2008**



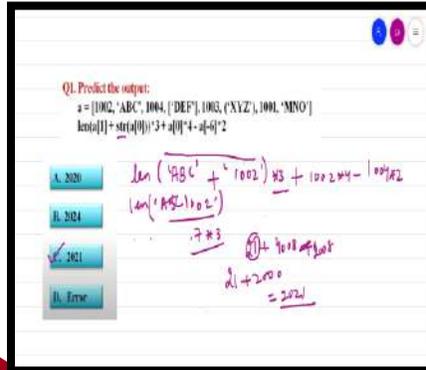
Rebooting Online Classrooms



ENGAGE

Communicating & Connecting

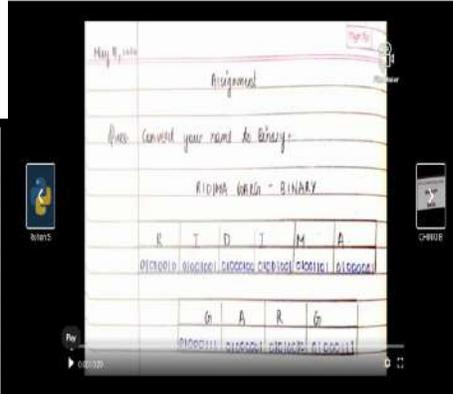
- **Learner**
- Teams
- Zoom
- Breakout Room
- PPTs
- Collaborative Whiteboard



EMPOWER

Teaching & Learning

- **Collaborator**
- Interactive Presentations
- Pear Deck
- Annotations using Edge
- OneNote & Class notebook
- Immersive Reader



EXPLORE

Research & Assignments

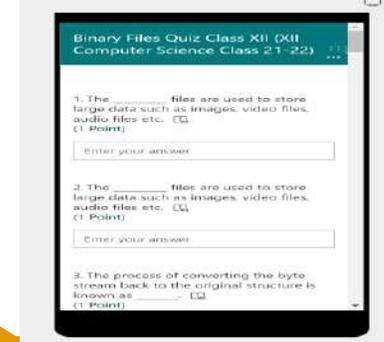
- **Explorer**
- Case studies
- Collaborative PPTs
- Flipgrid Challenges
- Wakelet Collections
- Edge & Bing
- Immersive Reader



EXPERIMENT

Practical Demos

- **Problem Solver**
- PYTHON Visualizer
- Pair Programming
- Visual Programming
- Colab Notebook
- Code.org
- Hour of Code



EVALUATE

Assessment

- **Critical Thinker**
- Quizzes
- Microsoft Forms
- Kahoot
- Subjective PDFs – Edge, Kami Tool & XODO

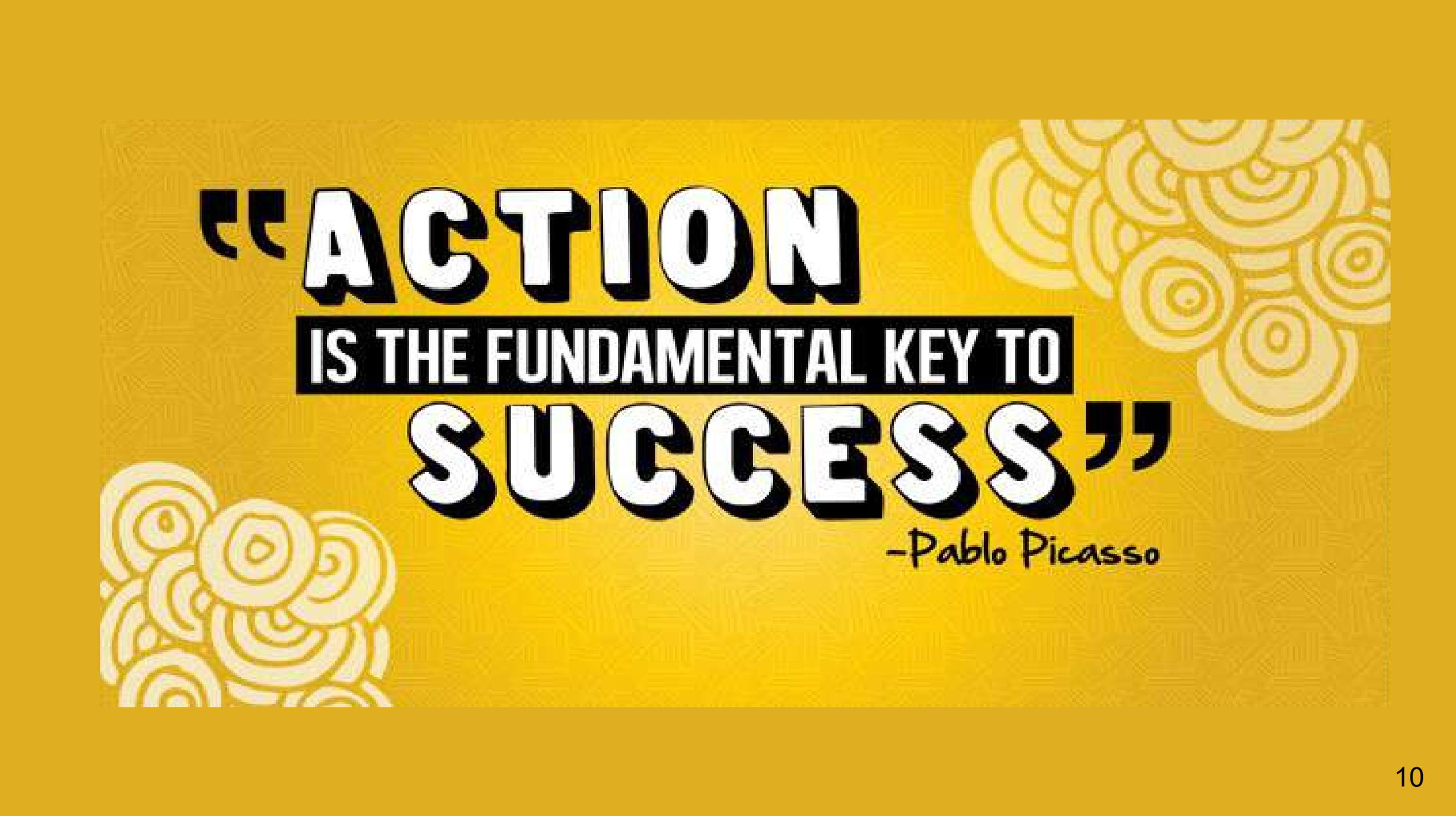


EMPATHY

Project Development

- **Good Human being**
- Real life applications
- AI based projects using Power Apps, Power BI & Computer Vision APIs
- Python Projects based on Life Skills

**Experiential learning Approach
Transforming a learner Good Human Being**



**“ACTION
IS THE FUNDAMENTAL KEY TO
SUCCESS”**

-Pablo Picasso

LEVERAGING THE POWER OF ICT



Meeting with Hon'ble Finance Minister of India Sh. P. Chidambaram.



DWOC

National Achievements



AGRISMART

KINNECT

GCCS Cyber Olympiad



MOS Champs



NSO Champs



Nine Glorious year with
MOS world wide
championship



International Acclaim - 2021



MAHARAJA AGRASEN MODEL SCHOOL
CD BLOCK, PITAMPURA, DELHI 110034

Imagine Cup Junior

Congratulations < **TEAM TITANS** > Kudos to the team



Bhavay Aggarwal XII, Vijit Chandna XII, Aaryan Aggarwal XI, Ms. Chandni Agarwal Mentor, Hitesh Mehta XII, Daksh Gupta X, Nipun Chawla XII

Global Winners

Team size: 6
Ages: 14 - 17
Category: AI for Health

A scan & check app for consumers to detect counterfeit medicine packaging

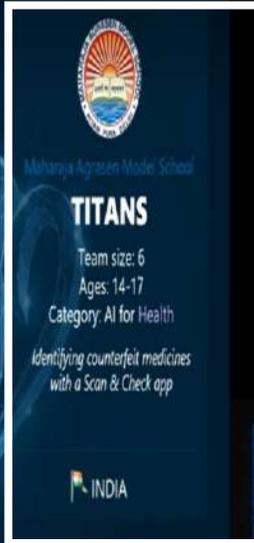


Microsoft

2021

Imagine Cup Junior Live Winners Announcement

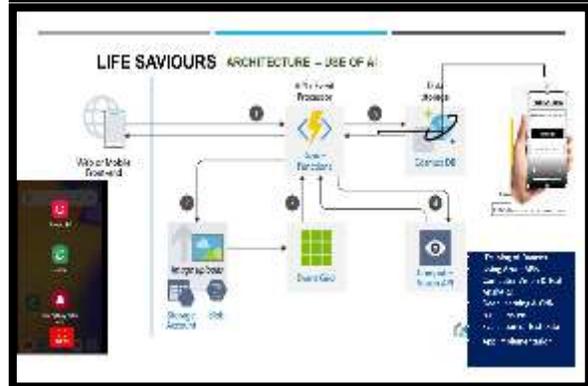
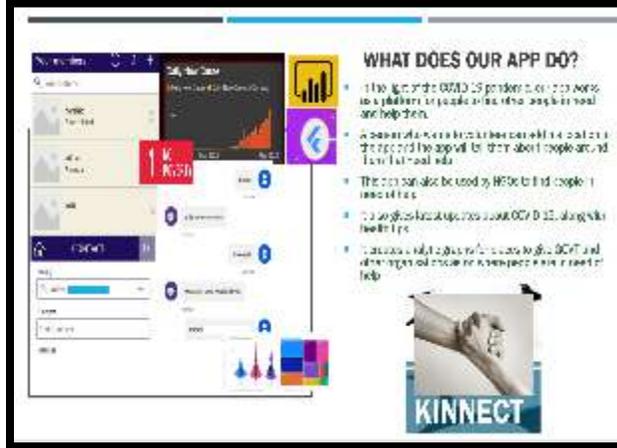
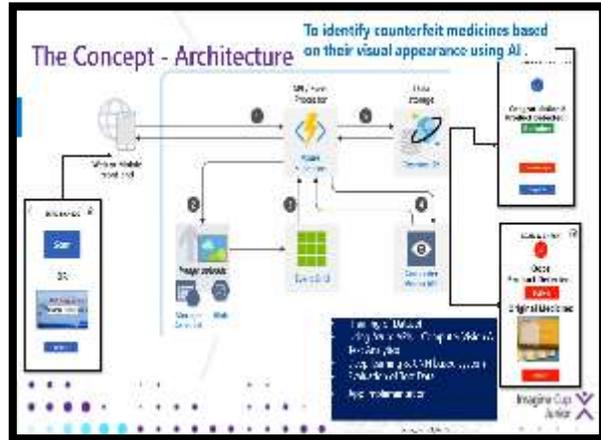
Need help? Leave



 Western Canada High School HERE TO HEAR Team size: 5 Ages: 15-16 Category: AI for Accessibility <i>A language-learning tool for children with hearing impairments</i> CANADA	 Delftli Foundation for Learning SENSE & SAVE Team size: 5 Ages: 13-15 Category: AI for Health <i>AI powered, bio-resistive Graphene sensor for real-time amniotic fluid monitoring during pregnancy</i> INDIA	 Beijing No. 80 High School GAIA EYE Team size: 4 Ages: 13 Category: AI for Earth <i>Global environmental diversity and anomaly discovery sharing platform</i> CHINA	 St. Aloysius College CORRA Team size: 1 Age: 14 Category: AI for accessibility <i>Use of AI to support those with ASD</i> AUSTRALIA	 Maharaja Agrasen Model School TITANS Team size: 6 Ages: 14-17 Category: AI for Health <i>Identifying counterfeit medicines with a Scan & Check app</i> INDIA
 Jesuit High School, Portland HYGIENE NET Team size: 1 Age: 16 Category: AI for Health <i>A deep learning and sensor based system for enforcing hand hygiene compliance in healthcare facilities</i> USA	 Hwa Chong Institution IMAGINEEERING Team size: 4 Ages: 14-16 Category: AI for Health <i>A system that enables parents to easily assess their infant's health through fecal analysis</i> SINGAPORE	 Ying Wa College YING WA CRAZY Team size: 3 Ages: 16-17 Category: AI for Health <i>A tool to bring Chinese Medicine to a digital platform</i> HONG KONG	 On My Own Technology TEAM G-FORCE Team size: 2 Ages: 17 Category: AI for Humanitarian Action <i>Developing a non-invasive screening for skin cancer</i> INDIA	 Hulstone Agriculture High School SMSR Team size: 4 Ages: 15-16 Category: AI for Humanitarian Action <i>Smart Mobile Sanitising Robot to address period poverty</i> AUSTRALIA



Nurturing 21 CLD skills & Innovation at its Best



- ✓ Identifying fake medicines using Scan & Check App – Students learnt to use Power Apps , AI & Computer Vision APIs
- ✓ KINNECT – AI based project to help mankind with kindness in case of any need. This app also act as a bridge between a donor and recipient.
- ✓ LIFE SAVIOURS - AI based fight & accident detection system
- ✓ Smart Communities – Connection between Urban & Rural , Healthcare Systems using Minecraft - A hospital with auto sensors taking extra care for COVID protection
- ✓ Agrismart - Visualization of precision farming using Minecraft. Students learnt to code and critically analysed and ideate a great help to farmers
- ✓ CHEMBOLA – Funbased simulated Tambola with chemistry based questions developed in Python
- ✓ Rebooting classrooms post-covid – A visualisation for classrooms with covid appropriate behaviour and help to special need children developed with Minecraft.
- ✓ AI & ML based - E-Rakshak – An Auto Alert system in the form of locket that automatically switch on video in case of abnormal body stats.
- ✓ Know your personality – AI based app created for identifying strength & weakness of personality based on QA
- ✓ Creating Mythological stories , Om Chanting & Gayatri Mantra as Audio using Python Coding – Life Skills

Internet for Youth – -Development or Downfall ?



**PERILS
THREATS
DANGERS
INVASIONS**

IDENTITY THEFT

CYBER BULLYING

SOCIAL DISTRUST

ONLINE GROOMING

EMOTIONAL IMPLICATIONS

EXPLICIT/VIOLENT IMAGERY

TINY STEPS ... GIANT LEAPS

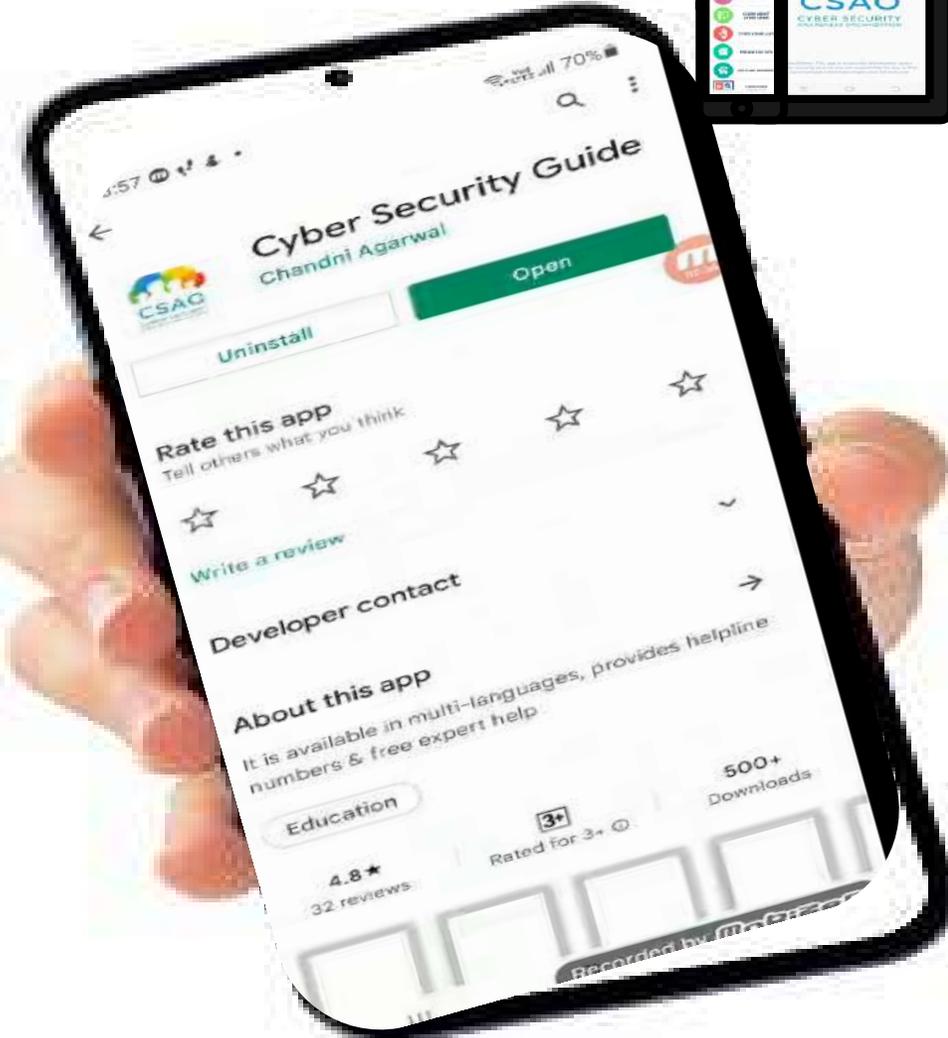


Community Wellness Initiatives - Cyber Safety Awareness Online

2016

Our Cyber Mentors

हेल्पलाइन नंबर	Experts Panel
HELPLINE@CYBERPEACE.NET 9570000066	Chandni Agarwal Educator, Cyber wellness coach
अंडमान एवं निकोबार 03192230216	Nisha Dua Principal Consultant Cyber Peace Foundation
आंध्र प्रदेश 08632340152	
अरुणाचल प्रदेश 03602215518	
असम 03612524494	
बिहार 06122238098	
चंडीगढ़ 01722760001	
छत्तीसगढ़ 07712511623	
दादरा व नगर हवेली 02602643022	
दमन एवं दीव 02602250942	



2020



Community Wellness Initiatives - Cyber Safety Awareness Sessions

JOIN US ON WEBINAR # 376

Stay Safe from **# COVID - 19** and Learn Online

Live interaction on

Explore the Power of Gmail

4:00pm - 5:00pm
28 July 2021

Speaker

Ms. Chandni Agarwal
National ICT Awardee, Maharaja Agrasen Model School, Pitampura Delhi

Watch in NCERT official YouTube channel

For further information visit: <https://ciet.nic.in/pages.php?id=webinar>

DD Free Dish Channel #128
Dish TV Channel #950
Sundirect #793

PM eVIDYA Channel 1800111265
1800112199

NCERT Official

Jio TV

Tatasky Channel #756
Airtel Channel #440
Videocon channel #477

JOIN US ON WEBINAR # 348

Stay Safe from **# COVID - 19** and Learn Online

Live interaction on

Promoting Cyber safety in online classroom

4:00pm - 5:00pm
18 June 2021

Speaker

Ms. Chandni Agarwal
National ICT Awardee, Maharaja Agrasen Model School, Pitampura Delhi

Watch in NCERT official YouTube channel

For further information visit: <https://ciet.nic.in/pages.php?id=webinar>

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Dish TV Channel #950
Sundirect #793

PM eVIDYA Channel 1800111265
1800112199

NCERT Official

Jio TV

Tatasky Channel #756
Airtel Channel #440
Videocon channel #477

JOIN US ON WEBINAR

Stay Safe from **# COVID - 19** and Learn at home

Live interaction on

Internet trolling

4:00pm - 5:00pm
17 February 2021

Speaker

Ms. Chandni Agarwal
National ICT Awardee, Maharaja Agrasen Model School, Pitampura Delhi

Watch in NCERT official YouTube channel

For further information visit: <https://ciet.nic.in/pages.php?id=webinar>

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NEVER LOCKDOWN YOUR LEARNING - NATIONAL ICT AWARDEE

DIGITAL SAFETY – EMPOWERING ONLINE TEACHING

Join us on YOUTUBE LIVE @

Live Session Link : www.bit.ly/webinarict

on 9th JUNE 2020 TUESDAY, 11:00 a.m. to 12:00 p.m.

Chief Guest
Dr. Pious Antony
Social Policy Specialist
UNICEF, UP

Resource Person
Ms. Chandni Agarwal
Cyber Security Awareness Coach
Maharaja Agrasen Model School
National ICT Awardee, CBSE - Delhi

@chandni1910
chandniagarwalmaams

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National ICT WEBINAR @IctWebinar

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<https://www.facebook.com/groups/253485575971081/>

Govt. Of Jammu & Kashmir
Directorate of School Education, Jammu

WEBINAR 28 OCTOBER 2021
@ 02:00PM !

CYBER HYGIENE AND DIGITAL FOOTPRINTS

Dr. Ravi Shanker Sharma (KAS)
DSE, JAMMU

Dr. Hemant Sharma
HEAD COUNSELLING CELL DSEJ

Ms. Chandni Agarwal
CYBER SECURITY AWARENESS COACH

<https://www.facebook.com/CounsellingcellDSEJ/>

presented by Counselling cell DSEJ

LIVE STREAMING

Designed by :- S.R

ONLINE TRAINING ON

INNOVATIVE PEDAGOGIES FOR DIGITAL EDUCATION

Safety Concerns in Online Education

26th November 2021 4:00 PM - 5:00 PM

Prof. Krishnashree Achuthan
Dean, Amrita Vishwa Vidyapeetham

Ms. Chandni Agarwal
National ICT Awardee, Maharaja Agrasen Model School, Pitampura, Delhi

Ms. Vineeta Garg
National Teachers' Awardee, Shaheed Rajpat DAV Public School, Dayanand Vihar

(Moderator)
Dr. Angel Rathnabai
Assistant Professor, CIET, NCERT

Watch us on:

REGISTER YOURSELF

Use the Link :- <https://forms.gle/p1akxP3EdVUXYbLpD>

or Scan the QR Code

Participate in the Quiz and Score 70% and above to get a Certificate

For Further Information visit <https://ciet.nic.in/pages.php?id=webinar>

VIGYAN JYOTI PROGRAMME

CYBER CRIMES – AN AWARENESS SESSION
BY VIGYAN JYOTI SCHOLARS

with **Ms. Chandni Agarwal**
CYBER SECURITY EXPERT
Maharaja Agrasen Model School, Delhi
National ICT Awardee

Jawahar Navodaya Vidyalaya Shimla HP

14.06.2021
04:30 PM

09.04.2020, 4 PM

#LetsTalkEducation

तॉपिक:
Safety First in Digital World

वक्ता:
Chandni Agarwal
National ICT Awardee, Cyber Security Expert

Zoom Meeting ID
370-562-831
Password
152025

Be Safe in Cyber World



DO's
&
DON'Ts



for Students



Development committee

Chairperson:

Prof. Amarendra Behera, Joint Director, Central Institute of Educational Technology, NCERT, New Delhi

Member Coordinator:

Dr. Angel Rathnabai, Assistant Professor, Central Institute of Educational Technology, NCERT, New Delhi

Members:

Dr. Indu Kumar, Associate Professor and Head, Department of ICT& Training Division, Central Institute of Educational Technology, NCERT, New Delhi

Dr. Mohd. Mamur Ali, Assistant Professor, Central Institute of Educational Technology, NCERT, New Delhi

Dr. Rejaul Karim Barbhuiya, Assistant Professor, Department of Education in Science and Mathematics, NCERT, New Delhi

D. Varada M.Nikalje, Associate Professor, Department of Elementary Education, NCERT, New Delhi

Ms. Surbhi, Assistant Professor, Central Institute of Educational Technology, NCERT, New Delhi

Mr. I L Narasimha Rao, Project Manager II, Center for Development of Advanced Computing (CDAC), Hyderabad.

Ms. Sujata Mukherjee, Global Research and APAC Outreach Lead, Google India Pvt Ltd, Hyderabad.

Capt. Vineet Kumar, Founder and President, Cyber Peace Foundation, Ranchi, Jharkand

Ms. Chandni Agarwal, National ICT Awardee and Head, Department of Computer Science, Maharaja Agrasen Model School, Delhi.

Ms. Vineeta Garg, Head, Department of Computer Science, Shaheed Rajpal DAV Public School, Delhi.

Cyber Safety and Security

Guideline for School

विद्यया ऽ मृतमश्नुते



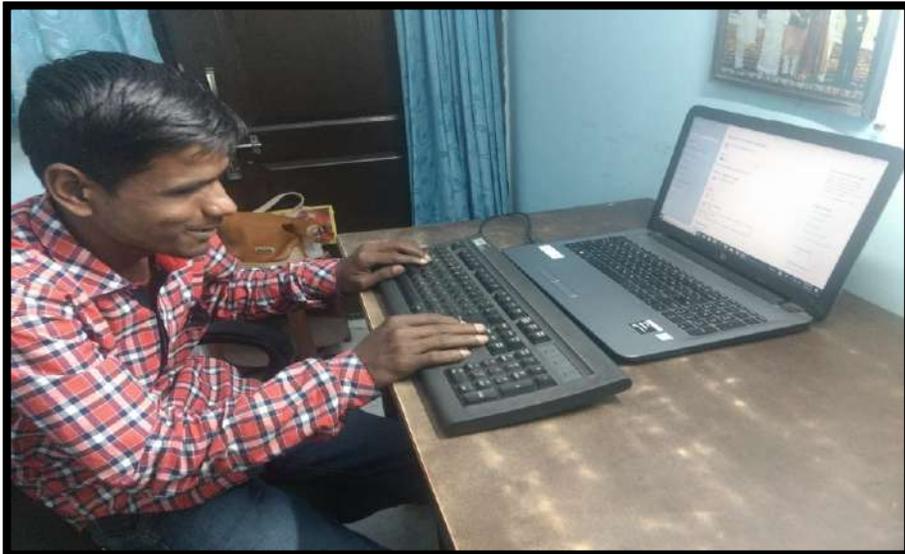
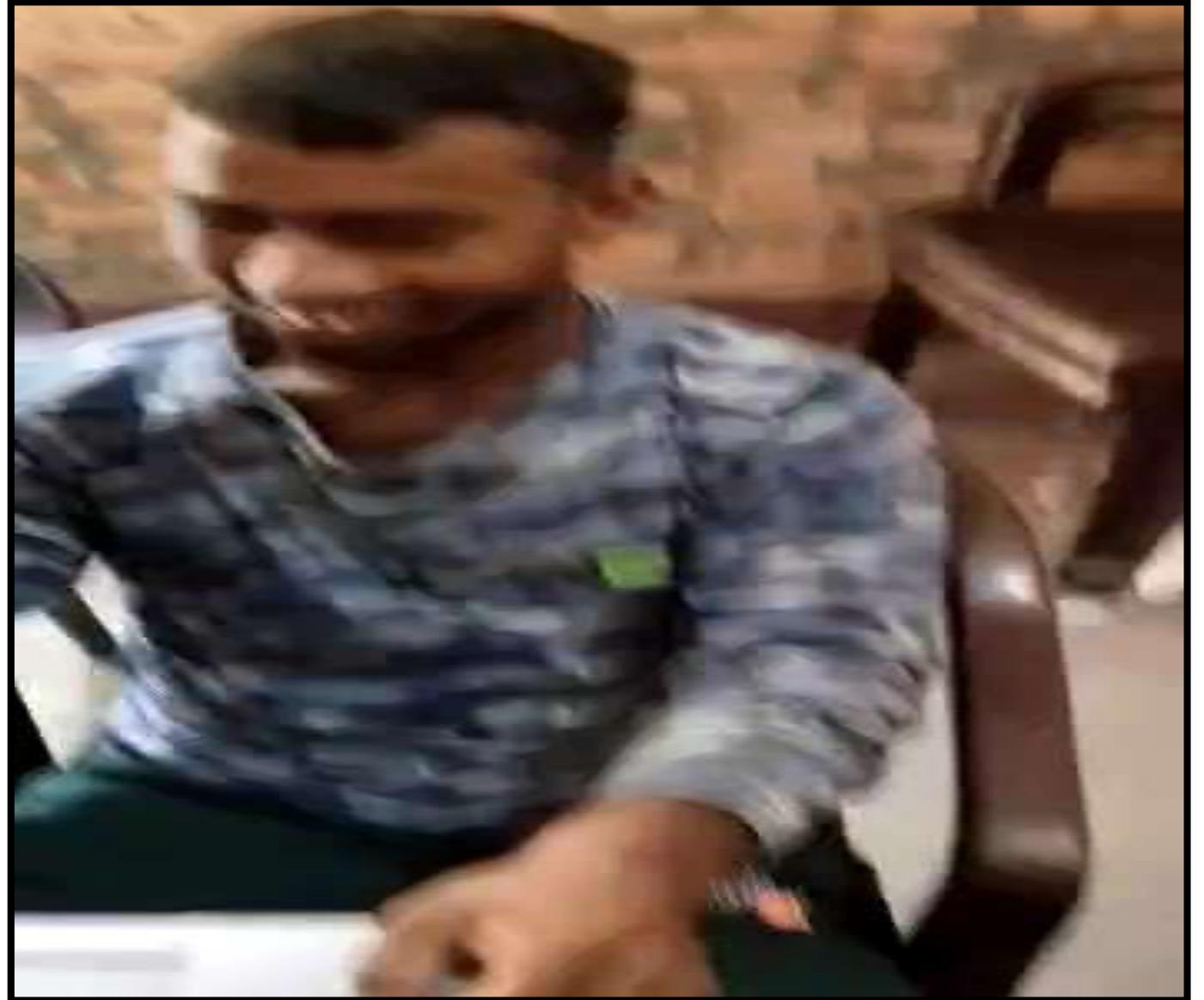
एन सी ई आर टी
NCERT



Be safe in cyber world ...

Helping others carries its own rewards, the first of which is a return to humanity.

Community Wellness Initiatives - Visually impaired



“

There are no secrets to success. It is the result of preparation, hard work, and learning from failure.

COLIN POWELL

GRACIOUSQUOTES.COM

Doors of Opportunities opened after NATIONAL ICT AWARD



ICT AWARD 2016



Watch later



Share



7:40 / 27:59



YouTube



Doors of Opportunities opened after NATIONAL ICT AWARD



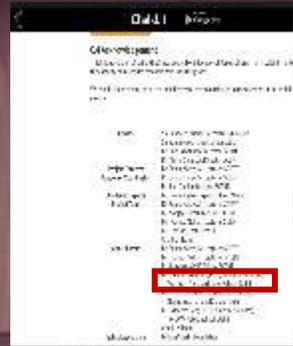
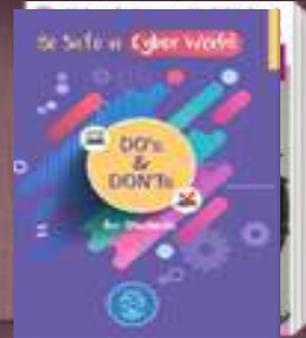
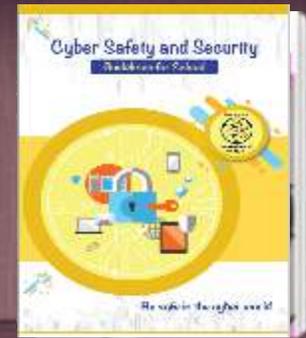
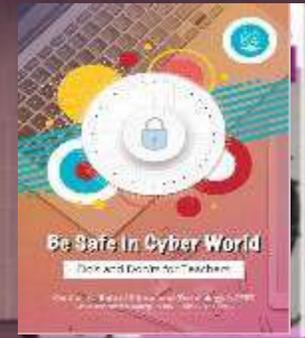
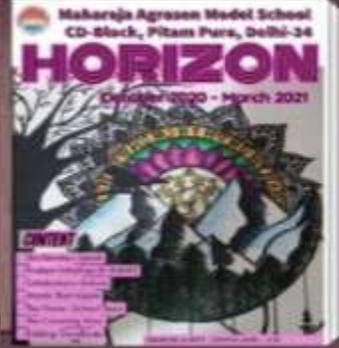
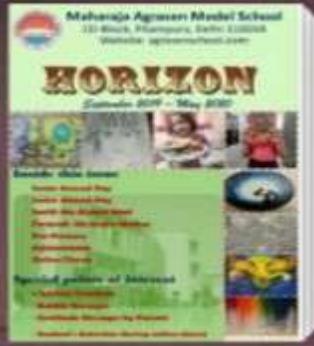


Trainer & Resource Person

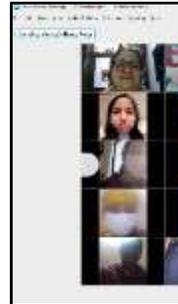
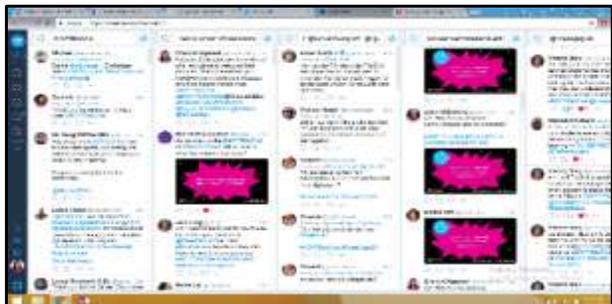




Publications & Contributions



Mentoring Sessions & Peer Teaching



E2 SUMMIT PARIS – 2019



First Runner Up
Inclusion



Team 25

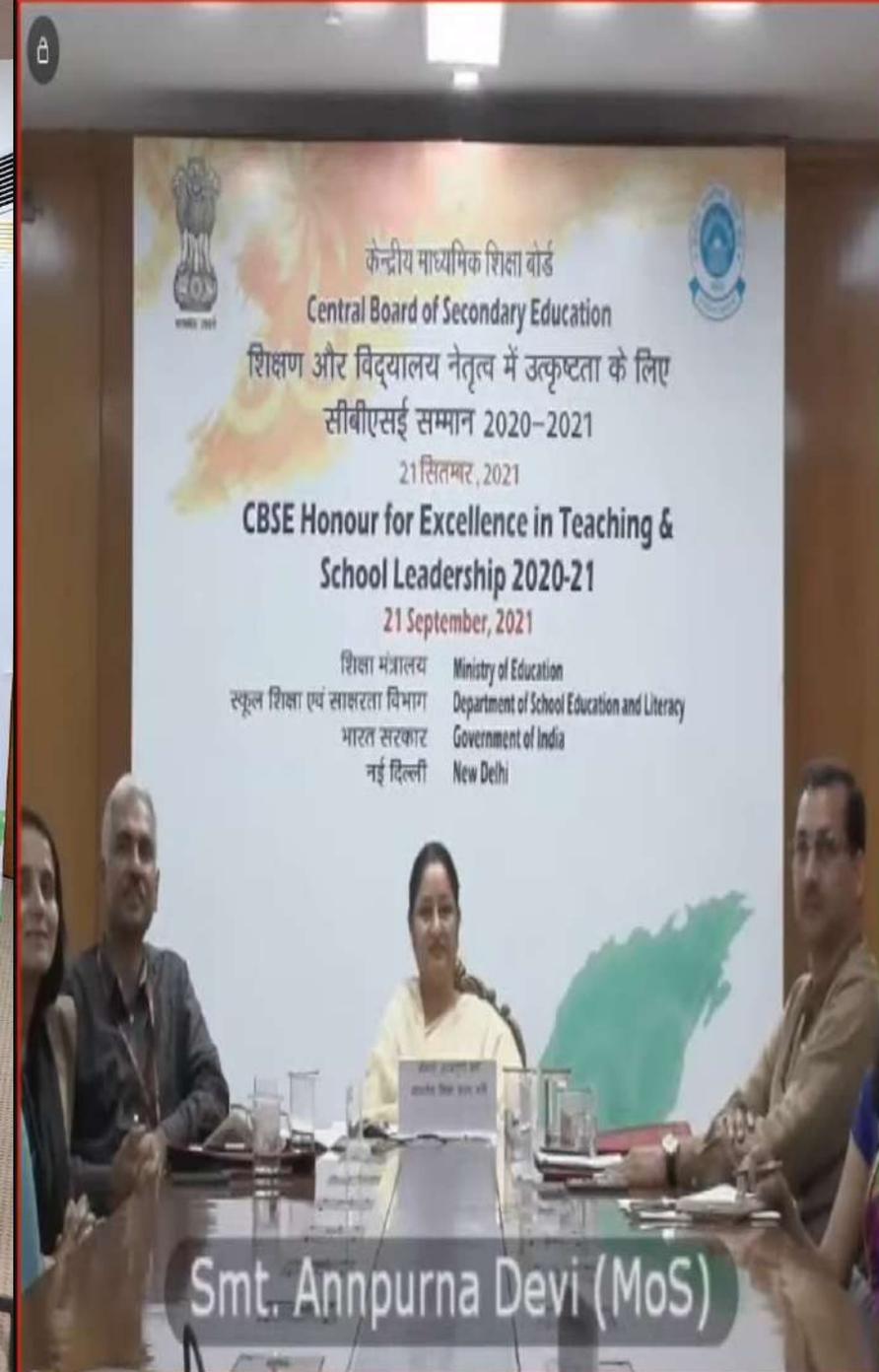
Piia Martikainen
Chandni Aggarwal
Patrick Bonnereau
Konstantina Drak
Yujuan Ma
Nathalie Mathie
Lynn Thomas



WALL OF FAME - INNOVATION UNBOUND POTENTIAL UNLEASHED



- Proud recipient of National ICT Award for teachers that is awarded for Innovation in ICT. It is presented by Hon'ble Vice President of India, Sh. Venkaiah Naidu and instituted by Ministry of HRD, Govt. of India at Vigyan Bhawan, Delhi on September 5,2017.
- Represented India and my school at the 5th annual Microsoft Education Exchange 2019 which was held at Paris from April 2 – April 4,2019 and first runner up for Collaborative project.
- Awarded with Microsoft Innovative Educator Leadership Award 2015 for the project QR codes in Education.
- Silverzone Best Teacher Award 2012 & 2018 by Silverzone Foundation.
- Nari Shakti Award by Chetna Foundation in 2018.
- Awarded with Jury Appreciation award for the entry in 23rd Audio-Video Festival entry.
- Key Resource person with NCERT , SCERT
- received Certificate of Appreciation from HRD Ministry in 2014-15 and 2015-16 for stellar performance of my students in class 12 CBSE board exams



झुक-झुककर सीधा खड़ा हुआ,
अब फिर झुकने का शौक नहीं
तुम हालातों की भट्टी में
जब-जब भी मुझको झोंकोगे
तब तपकर सोना बनूंगा मैं
तुम मुझको कब तक रोकोगे
तुम मुझको कब तक रोकोगे।