

Emerging Technologies for Effective Teaching & Learning

Continuing Education Program for Next Education India Pvt Ltd

Conducted by Educational Technology, IIT Bombay

September 19-21, 2019



IIT Bombay



Next.Education[®]
Transforming Education



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Panel Discussion

Inculcating 21st century skills through the curriculum

21st Century Skills



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- The P21 organization identified deeper learning competencies and skills they called the Four Cs of 21st century learning:
- [Collaboration](#)
- [Communication](#)
- [Critical thinking](#)
- [Creativity](#)





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Panelists

All of us!

Post on padlet –

padlet.com/iyer_sridhar/ndqsl2i3pknt





Focus Question

1. How can we inculcate development of 21st century skills through the school curriculum, supported by technology?
2. 4 panellists on dias, one for each of the 4Cs.
 - Critical thinking – Sonali Balwatkar
 - Communication – Manoj Kulshreshta
 - Creativity – Jayshree Kumar
 - Collaboration – Harish Rawal

They had a little more time to think and prepare!

Structure of discussion

[5 minutes] Each panelist presents his/her ideas

[3 minutes] Audience responds / reacts to each panelist

Audience continues posting on padlet -
padlet.com/iyer_sridhar/ndqsl2i3pknt

[9 minutes] Open discussion

[1 minutes] Summary



Critical Thinking



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Goals: Inculcate

- Reasoning & Argumentation
- Analysis & Interpretation
- Looking at problems / solutions from multiple perspectives

Panelist:

Sonali Balwatkar
Akshara Intl School, Pune

Key points:

Communication



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Goals: Inculcate

- Effective listening
- Delivering presentation
- Engaging in discussion
- Sharing of thoughts, ideas, questions and solutions

Panelist:

Manoj Kulshrestha
Indore Public School

Key points:

Creativity



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Goals: Inculcate

- Idea generation & refinement
- Innovation & production
- Exploring new approaches

Panelist:

Jayshree Kumar

C.P. Goenka, Thane

Key points:

Collaboration



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Goals: Inculcate

- Cooperation & Team work
- Responsiveness & Feedback
- Leadership & Initiative

Panelist:

Harish Rawal

Akash Intl School, Bengaluru

Key points:

Open discussion

~~[5 minutes] Each panelist presents his/her ideas~~

~~[3 minutes] Audience responds / reacts to each panelist~~

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[9 minutes] Open discussion

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Summary - more examples at – p21.org

- EdLeader21 Network ▶
- P21 Network ▼
 - join
 - frameworks & resources
 - 21st century learning exemplar program**
- SOAR Network ▶
- Rural Collaborative Network ▶

21st Century Learning Exemplar Program

Since 2013, the Partnership for 21st Century Learning (P21) has annually designated 21st Century Learning Exemplars based upon exceptional implementation of the Framework for 21st Century Learning.

Each year, P21 highlights a cohort of early learning centers, K–12 schools, school districts, and beyond school programs in the U.S. as 21st Century Learning Exemplars. Now that P21 is a network of Battelle for Kids, we are leading together in celebrating the current year of 21st Century Learning Exemplars.

2019 21st Century Learning Exemplars

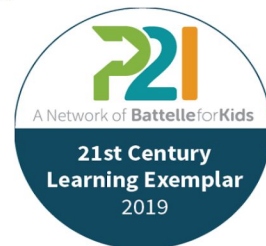
Each of the following earned a 2019 award for its outstanding practices in equipping students with the necessary skills and knowledge for success in college, career and life. These case study briefs provide powerful insights to guide other school districts, schools, and programs so that every child can experience the best of 21st century learning experiences.

EARLY LEARNING

The Goddard School Located in Broadview Heights (Broadview, OH)

[visit website](#)

With deliberate attention and care, The Goddard School located in Broadview Heights, OH provides a nurturing and welcoming home away from home where collaboration and communication are front and center.





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End of Panel Discussion

www.et.iitb.ac.in