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Microsoft

GEN FORUM
ED CONCLAVE 2023 REPORT

TAG
TECH AVANT-GARDE

MICROSOFT IN EDUCATION
Global Training Partner
Microsoft

28th - 29th APRIL, 2023
Cariappa Hall, RSI,
No.50, Mahatma Gandhi Rd,
FM Cariappa Colony,
Bengaluru, Karnataka 560001

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KNOWLEDGE
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THE BACKGROUND

The pandemic has disturbed all sectors of society and revealed its fault lines - especially in our education system. The reaction to the crisis generated some impressive responses on the part of individuals and small groups as educators who stepped up to serve their communities.

In some cases, public and private partnerships have filled the gaps. Some systems have been able to rapidly deliver remote learning experiences, but most have struggled with meeting the needs of all stakeholders of education.

Many school systems have not maintained pace with technological advances. Schools have not provided widespread access to digital tools.

When the pandemic hit, 1 in 5 students did not have access to the internet or a device to support them in lockdown. This disruption revealed systems that already struggled to support all learners.

THE ACTION

In this context, CBSE, Microsoft & Tech Avant-Garde as part of their outreach program, have taken an initiative to educate schools on how to manage these uncertain times by organising a conference "GEN FORUM - Ed Conclave 2023 at Bangalore on 28 and 29 April 2023".

THE AGENDA

CBSE has selected 840 Schools from all over India situated in 764 districts for its Pilot Project Carte Blanche - Endless Empowerment. These schools were invited by CBSE in partnership with Microsoft & TAG to the event to deliberate on Hybrid Learning, Skill Hub Initiative, Digital Literacy Program, Financial Digital Literacy & Adolescent Health Program.

The agenda will be as follows:

Hybrid Learning Institution: To convert an institution from a Physical to a Hybrid mode the following components will be implemented: Automation of Operations, Digital Teaching-Learning Platform, Hybrid Learning Classroom Infrastructure, Digital Pedagogy, Training, Certification and Accreditation.

Digital Literacy Program: One Thousand students in each district will be trained on Digital Literacy each year. The students will be from Class X and XII. These students will be trained free of cost and certified by CBSE, Microsoft and its Partner. Digital Literacy Program will cover the following topics: Introduction to computer and basic concepts, Operating System, Computer Hardware, Word Processing, Spreadsheets, Presentations, Accessing Internet and finding information, Electronic Mail- A detailed view, Cyber Security, Latest trends in IECT and e-Governance, Application of Digital Financial Services and Introduction to Multimedia

Skill Hub Initiative: Skill Development program for 21st century skills will be set up in association with Industry. The skills will be taught to the students in a Hybrid format using the Hybrid facility installed in the school. Industry experts will train the students and the school teachers on the skills. Industry experts will make their presentations on virtual mode and the local teachers will assist the students physically.

Financial Digital Literacy Program: This program will help Teachers, Students and Parents in understanding Digital Finance, how to use Credit Cards, Debit Cards, Net baking, UPI and Digital Currency. It will also make people understand security, do and don't when transacting with finances online. This program will compare legacy banking to digital banking and terminologies used in the Banking and Financial world. Today, everyone transacts online and they should know the nuance of the operations. This program will also deal with security issues in digital transactions. Bon Ami Card will be issued to all the students which will serve as ID Card, Access Control Card, Library Card and Payment card for fees, Tuck and NCMC transaction.

Adolescent Health Program: Health and nutrition are the most important factors with affect learning. Project Carte Blanche has included three components under the health program.

• Health Kiosk: is a self-examination kiosk for vital signs health screening and health evaluation. Self-operation means it is a User-friendly program, easy to understand, simple steps, with voice prompt teaching people how to check their health on the machine with Interactive UI.

• Lectures on Physical & Mental Health management

• Counselling Kiosk: Students or teachers can opt for counselling sessions with Phycologist. These sessions will be free and private.

School & College Connect: Colleges will counsel the Class XII students and parents on different courses and career options available for students. These counselling sessions will be carried out by different colleges across the year.

Art-Integrated Project: Schools from different states and districts will connect with each other to understand their local culture, art, language, cuisine, festivals, folklores and tourist attractions.

THE EVENT

CARTE BLANCHE
ENDLESS EMPOWERMENT

The conclave was conducted in Bangalore. The Project Carte Blanche - Endless Empowerment, registered Heads of Education Institutions attended the event along with the dignitaries from CBSE, NCERT, Microsoft, Skill Hub Partners, Equipment suppliers, Higher Education Institutions and representatives from Tech Avant-Garde on April 28th and 29th 2023, at the Cariappa Hall, RSI, No.50, MG Road, Bengaluru, Karnataka 560001.

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THE RESOURCE EXPERTS

The Resource Experts spoke on the following topics:
NEP 2020, Hybrid Learning, Digital Literacy Program, Skill
Hub Initiative, Financial Digital Literacy and Adolescence
Health.

PROGRAM (DAY 1 - 28th April)

SPEAKER	TOPIC
Mr. R P Singh Joint Secretary, CBSE	**Welcome Address** "As you know students only remember 5% of what we teach them through lecture method. However they remember 75% of what is taught in practical method… Hybrid education is an extension of traditional learning".
Dr. Biswajit Saha Director, CBSE	**Introduction to CBSE Pilot Schools Project** "We are touching 2 crore students with this project; which is approximately 10% of the student population. Whatever activities you are doing with CBSE, that needs to be showcased to the other state boards and lead the way. "
Dr. TG Sitharam Chairman, AICTE	**Impact of NEP 2020 on Education and Society** "NEP 2020 is a landmark document. Implementation of the same is not possible without us working together from the school level to the higher education level. The whole idea is to ensure our students are 21st century innovators."

PROGRAM (DAY 1 - 28th April)

SPEAKER	TOPIC
Dr. Sridhar Srivastava Joint Director, NCERT	**Implementation of NEP 2020 in K12** *"NEP 2020 implementation and Vocational education will depend on the digital pedagogy and digital transformation of education."*
Dr. Raj Nehru Vice Chancellor, SVSU	**Skill Hub Initiative** *"This entire ecosystem cannot succeed unless people are passionate about what they do. We are the ones as teachers that will help this nation grow and shape the future leaders."*
Ms. Irina Ghose COO, Microsoft India	**Digital Transformation in Education** *"Personalised learning can help support India's economic growth by equipping students with the skills, knowledge and competencies they need to succeed in a rapidly changing job market."*
Maj. Gen. Ravi Murugan AVSM, GOC, Karnataka and Kerala Sub Area	**Technology Intervention in Education** *"The aim of any education system in the Information Age is to produce informed, responsible, and thinking citizens with defined skills and a basic educational content which allows them to be productive members of the work force of a nation."*

PROGRAM (DAY 1 - 28th April)

SPEAKER	TOPIC
Mr. Srikantan Sankaran MTC Technical Architect Lead	**Microsoft Technology Center** *"The classroom of the future will have technology integrated. Key metrics like how engaged a classroom is can be determined using technology and Microsoft tools."*
Ms. Madhu Ahluwalia Senior Advisor, QCI-NABET	**Hybrid Learning Accreditation** *"Hybrid learning is a different way of looking at the education delivery. The aim is creating a framework to assess schools that provide learning, then implement and review. This is already in process"*
Mr. Anand Swamy Country Head, Microsoft India	**Hybrid Learning - Panel Discussion** *"When you think about Hybrid, it's not only about learning. It will not only impact students, teachers, administrators, parents. It also impacts your ERP, LMS, your student information system and the utilisation of technology."*
Mr. Chandrasekar Chairman, M S Dhoni Global School	*"Without teachers, nothing can be done. Teachers and parents are important stakeholders. We will ensure that every teacher is a Microsoft innovator expert."*

PROGRAM (DAY 1 - 28th April)

SPEAKER	TOPIC
Ms. Roshini Kumar President, Lycee Corp	**Hybrid Learning - Panel Discussion** *In hybrid learning, it is not only the teaching and learning platforms that are important, Monitoring the 360-degree Growth of a student is important. It so happens our solutions and platforms do just that."*
Mr. Senthil Kumar SIEMENS	**Bridging the Skill Divide between Academia and Industry using Digital Transformation** *"Industry and the education sector can come together and form a consortium. We know where there's a gap, we can work with the academia to tailor-make a curriculum that will benefit the students."*
Ms. Minitha Manoj Proj Manager, IBM	**Industry and Academia Collaboration in Experiential Learning** *"Why is innovation so important? It refers to the innate skill in us - creativity. This skill is only present in humans. This skill needs to be developed in students."*
Dr. Sridhar Srivastava Joint Director, NCERT	**Skill Development and Employability - Panel Discussion** *"Teachers face the difficulty of how to bring the content to the students - this is where leveraging digital tools and digital technology becomes important. "*

PROGRAM (DAY 1 - 28th April)

SPEAKER	TOPIC
Mr. R P Singh Joint Secretary, CBSE	**Skill Development and Employability - Panel Discussion** *"In the school sector, our challenge in not providing employment, our challenge is actually to ensure students are employable. We are dealing with the challenge of employability so our students are more employable. Skill development does that."*
Mr. Sanjay Yadav Principal, Ahlcon Internation School	*"Skill development is the need of the hour as established. This need may not remain static, it is dynamic. With changing times, it will change. We have to impart this to or students and for that up skilling of teachers is also needed. "*
Dr. Jitendra Nagpal Sr. Consultant Psychiatrist, Moolchand	**Importance of Mental and Physical Health for Learning** *"Can we have a school without health and well-being dialogue incessantly carried out? We can't have that. NEP 2020 places importance on Adolescent health and well-being."*
Mr. Ramesh Kumar Rotary Bangalore	**Health and Counselling Kiosk Applications** *"We need to bring Health into the institution that nurtures the students. Health kiosks in schools will give the students proximity to monitor vitals to ensure sound body and sound mind."*

PROGRAM (DAY 1 - 28th April)

SPEAKER	TOPIC
Ms. Aruna Mohanty M365 & Security Lead, Microsoft India	**Bringing Hybrid Learning to Life: A Masterclass to Leverage Technology Inside and Outside the Classroom** *"With Hybrid learning, students can learn from any place and wherever they want. It brings 4 main aspects - flexibility, higher engagement with multi-modal channels, inclusiveness, and personalised learning. "*

PROGRAM (DAY 2 - 29th April)

SPEAKER	TOPIC
Dr. Anil Sahasrabude Chairman, NETF	**Future of Education - Academic Credit Framework, Digital University & Multidisciplinary Education** *"The future of education revolves around a basic principle of 'lifelong learning'. If we encourage children's creativity and innovation, India will be a leader in just a decade. We are the 5th largest economy, and the youngest Nation of the world. If we make use of the opportunities we have, we can transform this country.*
Dr. Buddha Chandrasekhar Chief Coordinating Officer, AICTE	**Digital Skilling for Educator** *"It is important to skill, re-skill and up skill the faculty. This is where the digital platform will play a major role. NEP 2020 will empower students from the school-age and the teachers as well.*

PROGRAM (DAY 2 - 29th April)

SPEAKER	TOPIC
Dr. Abhay Jere Vice Chairman, AICTE	**Digital Literacy Program for Schools** *"We have to create our own intellectual property - ideas that the world can use. This process can start only at the school as creativity can only be encouraged at that level."*
Dr. Elangovan Kariappan Assistant Director, Innovation Cell, MoE	**Making Students Think Out-Of-The Box** *"Creating the spirit of innovation, problem-solving and entrepreneurship at the school level will help create a strong Foundation for the education system of the future."*
Ms. Meenakshi S Head Springboard, Infosys **Mr. Sanjay Yadav** Principal, Ahlcon Internation School	**Digital Literacy and Employability - Panel Discussion** *"The idea is to ensure digital literacy to the masses and when we look at digital skills today - it's not just about computers, it's about using technology to our advantage."* *"If you want the children to be prepared for tomorrow, then digital literacy is significant. Bridging employability skills and digital literacy will play a major role for the children's future."*

PROGRAM (DAY 2 - 29th April)

SPEAKER	TOPIC
Dr. Tanu Anand Scientist (Medical), ICMR Delhi	### Adolescent Health Program in Education *"Establishment of a health kiosk will allow access to screening, diagnostic and screening to adolescents and family members. Schools that implement this can be branded as 'health-friendly schools"*
Dr. Ranjit Mandal Indian Association for Adolescent Health	*"As per stats, 80% of adolescents are unhealthy today. 70% of the diseases are due to ignoring signs. This initiative is not a treatment step but that of prevention."*
Ms. Roopa Arun Head of Pedagogy and Innovation, TAG	### Digital Pedagogy - Gen Extra Muros *"We call all principals ambassadors of change. With Gen Extra Muros, and the hybrid learning platform, students will learn different ways to digest information, comprehend and reflect.*
Mr. K.V Vincent Project Director, TAG	### Project Carte Blanche *21st century requires a different approach. It requires a change of mindset in all of us. If you are convinced of this necessity, then it's an easier task.*

PROGRAM (DAY 2 - 29th April)

SPEAKER	TOPIC
Mr. Ali Sait CEO, Tech Avant Garde	**Project Carte Blanche** *"Carte-Blanche means endless empowerment. Why do we call this project - Carte Blanche? With this initiative, we are empowering every single the stakeholder of education."*
Mr. Prashant Jha Training Head,Tech Avant Garde	*"Higher education can collaborate with industry easily. We can collaborate, communicate and leverage technology to bridge the gaps between both entities for different purposes."*

THE OUTCOMES

The points of deliberation in the event will be as follows:

- The Hub Schools will be light house schools who will implement Hybrid Learning and NEP 2020.

- Hub School Teachers will be Digitally Skilled

- Hub School Students will be trained and certified in Digital Literacy

- Hub School Parents will be trained in Digital Literacy

- Hub School will have access to Skill Hub Initiative

- Node School Students will be certified in Digital Literacy

- Students who get certified in Digital Literacy will have the following empowerment:

  ■ App based self-employment

  ■ Training and certification of platform Fundamentals viz., pathway to AI, Data Science, and Cloud Computing.

  ■ Training on Connected Learning Community Platform.

  ■ Training on Hardware, Network and Cloud computing.

  ■ Training on E-Governance and Digital Commerce Platform.

- Implementation of Hybrid Infrastructure in every pilot school.

- Implementation of Skill Hub Initiative - Skilling and Internship Program

- Implementation of Adolescent Health Program

- Implementation of Digital Financial Literacy training to Students, Teachers & Parents

- Implementation of the Bon Ami Card

- Conducting Physical conclave, region-wise.

Gen FORUM Ed Conclave 2023 has inspired the participants to get prepared for the 180-degree change in Education.

PROJECT CARTE BLANCHE TIMELINES

Sno.	Activity	From Date	To Date
1	Curtain Raiser	10 Dec 22	
2	Principals' Project Briefing	16 Dec 22	
3	Project Coordinator Meet	07 Jan 22	
4	DTHL Coordinator Training	16 Jan 23	18 Jan 23
5	Conclave on Hybrid	21 Jan 23	
6	Teachers Training on Hybrid Learning - Onboarding	06 Feb 23	11 Feb 23
7	Teachers' training on Hybrid Learning Pedagogy	13 Feb 23	31 Mar 23
8	Student Enrolment for Digital Literacy	01 Mar 23	20 Apr 23
9	School Survey to install Equipment	03 Apr 23	20 Apr 23
10	Physical Conference in Bangalore	28 Apr 23	29 Apr 23
11	Microsoft Innovative Educator Expert - MIEE	15 May 23	30 May 23
12	Digital Skilling Teachers' Final Training	01 Jun 23	23 Jul 23
13	Installation of Hybrid Classroom	20 Jun 23	30 Jul 23
14	Hybrid Learning – STD VIII Academic Year 23-24	07 Aug 23	Onwards
15	Digital Literacy Training - STD X & XII	14 Aug 23	Onwards

Sno.	Activity	From Date	To Date
16	Skill Hub Initiative Program – STD VIII, IX, X, XII & XII	21 Aug 23	Onwards
17	Digital Financial Literacy Program	28 Aug 23	Onwards
18	Adolescent Health Initiative	4 Sep 23	Onwards
19	Art-Integrated Project - Ek Bharat Shreshtha Bharat	11 Sep 23	Onwards
20	College Connect	18 Sep 23	Onwards

CONCLUSION

Gen Forum Ed Conclave was a two-day event where 750 attendees from across the country participated. The event was supported by sponsors such as Microsoft, Lenovo, Meta, Lend a hand India, Doodle, IBM, Edutive, Learn N Inspire, Intel and Sugarbox.

Higher Education Institutions who participated were Manipal Academy of Higher Education, New Horizon College of Engineering, Presidency University, AIHMCT, AIFD.

Stellar speakers from academia and industry addressed the gathering and gave their insights on NEP 2020, Hybrid Learning, Digital Literacy, Skill Development, Financial Digital Literacy and Adolescent Health Program.

The conclave experience was intellectually enriching, mentally refreshing and the learning was stupendous. All the attendees were awarded with "Gen Emissary Certificate". The recipients of the certificate will be empowered to advise stakeholders of education on NEP 2020 and Hybrid Learning.

Project Carte Blanche complies with the following Sustainable Development Goals:

SUSTAINABLE DEVELOPMENT GOALS

3 GOOD HEALTH AND WELL-BEING
4 QUALITY EDUCATION
5 GENDER EQUALITY
8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES
16 PEACE, JUSTICE AND STRONG INSTITUTIONS
17 PARTNERSHIPS FOR THE GOALS

Website : https://carte-blanche.in   Email : tagconnect@t-a-g.co   Phone : +91 8139999211

EVENT PHOTO GALLERY

Registration Counter

Participants joining the Gen Forum

Facilitation of Keynote Speakers

Audience

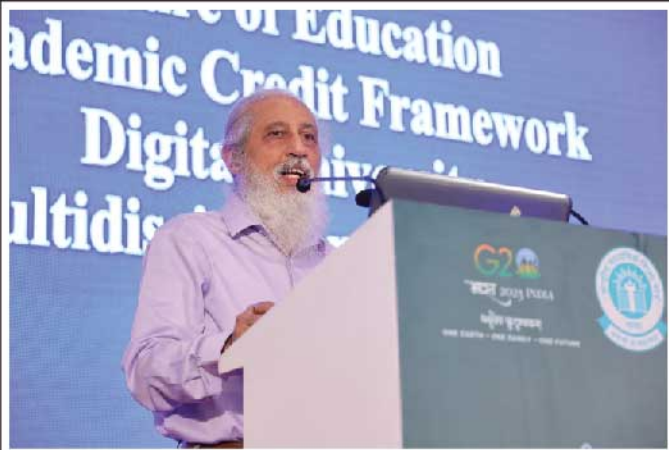Inauguration of the Pavilion by Chairman AICTE

Exhibition Centre in the Pavilion

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EVENT PHOTO GALLERY

Dr. Anil Sahasrabude, Chairman, NETF

Dr. Abhay Jere, Vice Chairman, AICTE

Dr. Biswajit Saha, Director, CBSE

Dr. Buddha Chandrasekhar, CCO, AICTE

Ms. Madhu Ahluwalia, Senior Advisor, QCI-NABET

Mr. Ramesh Kumar, Rotary Bangalore

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Region 1

Region 2

Region 3

Region 4

Region 5

Region 6

Region 7

Region 8

EVENT PHOTO GALLERY

Lighting of the Lamp Ceremony

Launch of Bon Ami Students' card

Brief on Project Carte Blanche

Participants of Bangalore Sarvodaya

Team of Tech Avant-Garde

Galaxy of Educators and Principals from all over India

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