



in partnership with



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# International Forum on Adopting an ICT Perspective to Education and Learning

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31<sup>st</sup> October to 4<sup>th</sup> November 2016

New Delhi, India

in collaboration with



## International Forum on adopting an ICT Perspective to education and learning

International Bureau of Education (IBE), UNESCO in partnership with Google and in collaboration with the UNESCO International Institute of Technology for Education (IITE) in Moscow, the National Council for Education Research and Training (NCERT) in New Delhi and the Ministry of Human Resource Development of the Government of India (MHRD-GOI) is organizing an International Forum on adopting an ICT Perspective to education and learning. The Forum will be held in New Delhi, India, from 31<sup>st</sup> October – 4<sup>th</sup> November 2016.

### Background

IBE supports countries' efforts both through direct technical assistance but also by providing platforms to share experiences and best practices from around the world and build country capacity to harness technology to improve their education system. The planned workshop is part of IBE's multi-pronged approach to strengthen education systems for sustained improvement of education quality, equity and inclusion. The Forum targets mainly countries which are implementing the UNESCO developed General Education Quality Analysis Framework (GEQAF).

### Participants

Participating countries include Azerbaijan, Botswana, Egypt, Gabon, India, Lithuania, Oman, Seychelles, Saudi Arabia, South Africa and Swaziland. Experts from Brazil, Mauritius and the United States are also participating. IBE partner Google is contributing significantly not only through financial support, but by providing experts to facilitate different Forum sessions. From India a group of officials/ faculty representing RMSA, SCERTs, School Teachers, National ICT Awardees, NCERT and Senior officials from MHRD-Gol and Autonomous bodies under MHRD-Gol are likely to participate.

### The Forum

This international Forum is designed differently than the common practice of conferences and workshops characterized by extensive presentations and with very little interaction and hands-on activities. When it comes to the use of ICT in Education, this need for experiencing it in practice is essential. Therefore, the Forum sessions are designed to be interactive and will build on concrete cases of ICT integration and include well thought practical hands-on activities for the participants as well as some visits to sites demonstrating best practice application of ICTs in education. Best practice cases from countries like India, Lithuania, Mauritius, Oman and South Africa will be presented in innovative and engaging ways.

### Expected outcomes of the Forum

- Increased confidence of participants to integrate ICT in teaching, learning and assessment
- Better understanding of available ICT tools and methods that will enable innovations to improve access, quality, equity and inclusion in education

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TO EDUCATION AND LEARNING  
NEW DELHI – October 31<sup>st</sup> to November 4<sup>th</sup> , 2016  
PRELIMINARY PROGRAM**

**DAY 1 - Monday, October 31<sup>st</sup> - Global Vision, perspective and framework  
for ICT in education**

TIME	DESCRIPTION
09:00 – 10:00	Reception and Registration
10:00 – 11:15	<p>Words of welcome: <b>Professor Hrushikesh Senapaty</b>: Director, National Council of Education Research and Training (NCERT), New Delhi</p> <p>Opening Remarks: Honorable Minister <b>Ms. Matsie Angelina Motshekga</b>, Ministry of Education, Republic of South Africa</p> <p>Opening Remarks: <b>Mr. M.I. Kgatjepe</b>, Provincial Ministry of Education of Limpopo Province, South Africa</p> <p>Opening Remarks: <b>Andrek Panyaza Lesufi</b>, MEC for Education, Republic of South Africa</p> <p>Opening Remarks: <b>Mr. Maneesh Garg</b>, Joint Secretary, MHRD-Government of India, New Delhi</p> <p>Opening Remarks and welcome: <b>Mr. Tekaligne Godana</b>, Senior Project Officer, UNESCO-International Bureau of Education (IBE), Geneva</p> <p>Official Opening: <b>Shri Upendra Kushwaha</b>, Honorable Minister of State for Human Resource Development (MHRD), Government of India</p> <p>Vote of Thanks: <b>Prof. B.K. Tripathi</b>, Joint Director, NCERT, New Delhi</p>
11:15 – 11:45	Networking Coffee break
11:45 – 13:15	<p>Keynote address: Why Adopt an ICT Perspective to Education and Learning: Setting the Scene - <b>Dr. Mmantsetsa Marope</b> – Director, UNESCO-International Bureau of Education (IBE), Geneva (Video Message)</p> <p>Discussions moderated by <b>Mr. Tekaligne Godana</b>, Senior Project Officer, UNESCO-International Bureau of Education (IBE), Geneva</p>
13:15 – 14:15	<b>Lunch</b>
14:15 – 15:15	<p>Keynote address: Transforming for 21st Century Learning – <b>Ms. Bani Dhawan</b>, Head of Education, Google India</p> <p>Discussions</p>
15:15 – 15:30	Presentation of programme and session Facilitators for Day 2 to Day 5
15:30 – 15:45	Tea/ Coffee break
15:45 – 17:00	<b>ICT Fair</b> : Showcase of tools and resources from participating countries and partners, i.e. GEQAF web-version, Google, CIET-NCERT, etc.
18:00 – 19:00	<b>Cultural Evening</b>
19:00 – 21:00	<b>Dinner, Ashok Hotel</b>

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**DAY 2 - Tuesday, November 1<sup>st</sup> - Expanding equitable access using ICT**

TIME	DESCRIPTION
09:00 – 09:10	<b>Introduction for the day:</b> Review of the programme for the day and general announcements including daily evaluation – Dr. Clarisse Lima (IBE)
09:10 – 11:10	<p><b>Session 1:</b>    <b>Designing e-learning environment for education and social inclusion of students with disabilities</b> (Dr. Natalia Amelina - Institute for Information Technologies in Education - IITE-UNESCO, Moscow)</p> <p><b>Assistive Technologies in School Education: Exemplar Inclusive Learning Material</b> (Prof. Anupam Ahuja, Head, Department of Education of Groups with Special Needs, NCERT, New Delhi)</p>
11:10 – 11:30	Tea/ Coffee break
11:30 – 13:30	<p><b>Session 2:</b>    <b>SWAYAM</b> (Study Webs of Active Learning for Young Aspiring Minds): MOOCs for School and Higher Education (Prof. Uma Kanjilal, IGNOU, New Delhi)</p> <p><b>National Programme on School Standards and Evaluation Shaala Siddhi: An initiative towards School Improvement</b> (Prof. Pranati Panda, NUEPA, New Delhi)</p>
13:30 – 14:30	Lunch
14:30 – 15:00	<b>ePathshala:</b> A Mobile platform for accessing digital books and other digital resources (Prof. Amarendra Behera, Head ICT and Training, CIET-NCERT)
15:00 – 15:15	Tea/ Coffee break
15:15 – 17:00	<b>Site visit:</b> <b>CIET-NCERT – Digital Content Creation – Hands on in Studios</b> (Prof. Lal Singh, Head, Media Production Division, CIET, NCERT, New Delhi)



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**DAY 3 - Wednesday, November 2<sup>nd</sup> - Improving availability and quality  
of education resources using technology**

TIME	DESCRIPTION
09:00 – 09:10	<b>Introduction for the day:</b> Recap of the previous day (main points). Review of the programme for the day and general announcements - Dr. Clarisse Lima (IBE)
09:10 – 11:10	<b>Session 3: Adapting, Using and Developing OERs in 20 different countries</b> (Dr. Svetlana Knyazeva, IITE-UNESCO, Moscow)  <b>Lithuania Experience</b> (Dr. Airina Volungevičienė and Dr. Margarita Tereseviciene, Vytautas Magnus University, Republic of Lithuania)
11:10 – 11:30	Tea/ Coffee break
11:30 – 13:30	<b>Session 4: Technology is not an afterthought: TPACK as a Frame work for ICT integration into Teacher Professional Development</b> (Dr. M'hammed Abdous, Old Dominion University, Norfolk, USA)
13:30 – 14:30	Lunch
14:30 – 16:15	<b>Session 5: National Repository of Open Educational Resources (NROER) online and offline</b> (Dr. Nagarjuna G, HBCSE-TIFR, Mumbai)
16:15 – 16:30	Tea/ Coffee break
16:30 – 17:00	<b>Announcements for the next day:</b> Review of the programme for the following day: Arrangements for site visit and programme - Dr. Clarisse Lima (IBE)
19:00 – 21:00	Dinner hosted by Director NCERT

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PRELIMINARY PROGRAM

**DAY 4 - Thursday, November 3<sup>rd</sup> - Improving the delivery at classroom level through innovative ICT applications**

TIME	DESCRIPTION
08:30 – 09:00	<p>Participants will meet at the lobby of the Ashok Hotel to take a shuttle for the Site Visit.</p> <p>Participants staying at the NIE Guest House, NCERT will meet at the lobby of the guest house to take a shuttle for the site visit.</p>
09:00 – 11:00	<p><b>Site Visit:</b> <b>SANSKRITI SCHOOL</b> in Chanakya Puri - A School that uses Google Applications for Education (Mrs. Abha Sahgal, Principal)</p>
11:00 – 12:00	Tea/ Coffee break at the school and return to CIET-NCERT
12:00 – 14:00	<p><b>Session 6:</b> <b>Google Education Tools: Chromebooks &amp; Classroom Hands-on, featuring case studies from WPPS South Africa and Indian Government pilot.</b> (Mr. Jack Fermon &amp; Mrs. Karen Walstra, Google for Education)</p>
14:00 – 15:00	<b>Lunch</b>
15:00 – 17:00	<p><b>Session 7:</b> <b>ICT and STEM Education, Mauritius Experience</b> (Mr. Ricaud Gervais Danyel Auckbur, Director, Tertiary and e-Education, Ministry of Education Human Resources, Republic of Mauritius)</p>
17:00 – 17:15	Tea/ Coffee break

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**DAY 5 - Friday, November 4<sup>th</sup> - Enhancing education system efficiency  
using ICT**

TIME	DESCRIPTION
09:00 – 09:10	<b>Introduction for the day:</b> Recap of the previous day (main points). Review of the programme for the day and general announcements - Dr. Clarisse Lima, IBE-UNESCO)
09:10 – 11:10	<b>Session 8: 360° assessment in the school,</b> Dr. Clarisse Lima, IBE-UNESCO)  <b>School Automation System (MIS/ERP) of Kendriya Vidyalaya Sangathan: Shaala Darpan,</b> Dr. (Smt.) V. Vijayalakshmi, Joint Commissioner (Acad.)- Kendriya Vidyalaya Sangathan New Delhi
11:10 – 11:30	Tea/ Coffee break
11:30 – 13:30	<b>Session 9: Monitoring the Education System using ICT: Experience from the Sultanate of Oman,</b> Dr. Badar Hamood Rashid AL Kharusi, Director General of Human Resources Development, Ministry of Education, Sultanate of Oman and Mr. Faisal Ali Nasser Al Busa'idi, Assistant Director of Information Technology, Sultanate of Oman
13:30 – 14:15	Closing of Workshop
14:30 – 17:00	Lunch and Sightseeing for those who have not travel arrangements for today

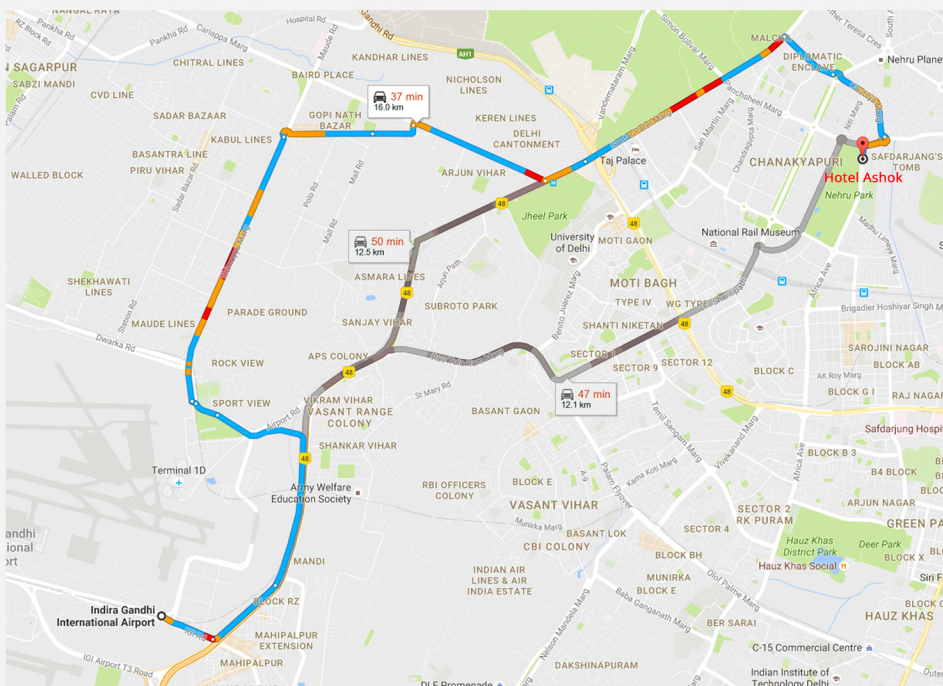
## NOTES

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## Venue:

Day 1: 31<sup>st</sup> October, 2016, Hotel The Ashok

Day 2 - 5 : 1-4<sup>th</sup> November, 2016, CIET, NCERT



## For further information contact:



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