



Assam Challenge 2015

Digital Innovations for Development

Summit

PROGRAMME

APRIL 10, 2015 | NEDFI HOUSE, GUWAHATI

Organisers



Co-Organisers

অসম চৰকাৰ



DEPARTMENT OF IT, ASSAM

Department of IT, Assam



Technology Partner



Associate Partners



Network Partners



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9:00 AM – 9:40 AM Registration
Welcome & Overview Dr. Syed Kazi, Hon. President, North East Development Foundation

10:00 AM – 10:45 AM Inaugural Plenary: Digital Innovations for Development

Video Digital Innovations for Development

Chair **Rajiv Kumar Bora**, IAS, Additional Chief Secretary, Assam

Panel Discussants **Mukesh Chandra Sahu**, IAS, Commissioner & Secretary, IT, Govt. of Assam
Dr. M. Angamuthu, IAS, Deputy Commissioner, Kamrup Metro District, Assam
Prof. Gautam Barua, IIIT Guwahati
Mahesh Venkateswaran, Principal, Innovation, National Skill Development Corporation
Dr K M Baharul Islam, Professor of Communications, Chair, Center for Public Policy & Government, Program Director, The World Bank Project, Indian Institute of Management (IIM), Kashipur (Uttarakhand)
Raman Bountra, Public Business Leader, Dell India
K P Noufal, Director, Centre for Continuing Education Kerala, Executive Director, IT@School, Director, Kerala State Civil Service Academy, Government of Kerala

Moderator **Osama Manzar**, Founder Director, Digital Empowerment Foundation, Member, Working Group, Internet Proliferation & Governance, Ministry of Communication & IT, Govt. of India

Release of e-Assam 2015 Publication

10:45 AM – 11:00 AM TEA BREAK

11:00 AM – 1:00 PM **Working Plenary Session 1:**
'Digital Innovations In E-governance, Citizen Services Delivery & Last Mile Access' [parallel Track 1]

Chair & Moderator : Mukesh Chandra Sahu, IAS, Commissioner & Secretary, IT, Govt. of Assam

Expert Invitee: Dinesh S. Pegu, Managing Director, AMTRON

Expert Invitee: Shalini Kala, The World Bank, New Delhi

Expert Invitee: Deepak Goswami, SIO, NIC, Assam

Expert Invitee: Sanjeev Sarma, Founder Director, Webx

CASE STUDY PRESENTATIONS (10 MIN MAX):

- Project Brahmaputra Community Radio Station (BCRS); Centre for North-East Studies & Policy Research (C-NES)
- Project Computerisation of Registration (Panjeeyan) Project; Revenue and Disaster Management Department, Assam
- Project 'Wireless for Communities' (W4C); Digital Empowerment Foundation; [Focus on last mile connectivity and access using free unlicensed spectrum]
- Project 'CSC Scheme under NeGP, State e-Governance Mission Team,' DIT, Assam
- Project 'Enabling Social Capital', MASTEK
- Project Data Digitization – eDistrict; Department of IT, Sikkim & Demi Solutions
- Project FLOOD RESPONSE SYSTEM (FRS), Near Real Time Flood Monitoring for Brahmaputra Basin using Microwave Remote Sensing; CDAC, Pune
- Project Mahanagar; Kamrup Metropolitan District, Assam
- Project Name: Assam PWD Computerization Project (APCP), Public Works Department, Assam
- "Implementing Scalable, Adaptable IT Infrastructure – Dell Advantage", Dell India
- Project Name: Intelligent Advisory System for Farmers(IASF), Centre for Development of Advanced Computing (CDAC), Silchar
- Project PRIASoft, Direct Benefit Transfer through e-Fund Management System (e-FMS) and Android App for GIS Application, Panchayat & Rural Development Department, Assam
- Electronic Delivery of Citizen Services in Assam, AMTRON
- Project MIS for State Finance Commission, Assam Project Centralized e-Auction System for North Eastern States (Sikkim, Assam, Arunachal Pradesh, Meghalaya, Mizoram, Manipur, Tripura and Nagaland), Centre for Development of Advanced Computing, Kolkata & NERAMAC, Min. of DoNER, Guwahati, Assam.
- Project Sahaj Citizen Services & e-Governance
- Project Implementation of SAP-MBC (Metering, Billing, Collection), M-DAS (Meter Data Acquisition System), GIS based Asset mapping and Consumer Survey and Web Self Service under RAPDRP (Restructured Accelerated Power Development and Reform Programme) scheme, APDCL Assam
- Project Cloud based Energy Market as a Service for State Load Dispatch Centres (SLDCs) of North East States, CDAC, Bangalore

Discussion & Q&A

The discussion will focus on the following parameters and will identify minimum 5 recommendation points;

- How to fill the gaps in e-services delivery at village, block, and district levels in a sustainable manner?
- What needs to be done for an effective management and delivery of e-governance enabled content and services delivery at State and district levels?
- How to engage the citizens and communities in e-governance access and delivery framework?
- Why and how there is need to look into alternative solutions for last mile connectivity & access?
- Why is the need to make IT and e-governance a State priority in this century?
- What is the potential of implementation, adaptability, replicability and scalability of best practices in e-governance?

Chair & Moderator: Rajiv Kumar Bora, IAS, Additional Chief Secretary, Admin Reforms, IT & Education, Assam

Special Invitee: Dr K M Baharul Islam, Professor of Communications, Chair, Center for Public Policy & Government, Program Director, The World Bank Project, Indian Institute of Management (IIM), Kashipur (Uttarakhand)

Expert Invitee: Dr. Tulika Dey, North East Regional Institute of Education, NCERT, Shillong

CASE STUDY PRESENTATIONS (10 MIN MAX):

- Project Integrated Technology in Education (ITE); By: Sir Dorabji Tata Trust, Mumbai; Location: West Bengal, UP, Assam and other States. [Project focuses on simple innovations to enhance learning among mid-level school students in govt. schools using ICTs].
- Project Rajiv Gandhi Computer Literacy Programme, Dept. of Education, Assam
- Project IT@School project, Department of General Education, Government of Kerala
- Project Xomidhan , xomidhan, Assam [Career counseling for youth]
- Project CLTe-Patashale - Low-cost innovative teaching solution & Curricula-aligned Digital content & Distance-learning, Bangalore, Karnataka
- Project Name: Design, Delivery & Conduction of online courses through Virtual class mode for B.Tech programme of NIT, Manipur. CDAC, Noida
- Project Automated school/college management system at sustainable cost and portal for a connected education system, TechHelp Consultancy Pvt. Ltd. Assam
- Project Mobile Education, www.teks.co.in, Kolkata, West Bengal
- Project Augmented Reality applications for School text books, IIT Guwahati
- Project Edurite Educational DVDs for Indian K12 Market, Pearson Education Services Pvt. Ltd.
- Project Open educational resources for quality school administration in North Eastern Regions, Independent Research paper, Mr. Amit Choudhury, M.S. University Baroda

Discussion & Q&A

The discussion will focus on the following parameters and will identify minimum 5 recommendation points;

- How to improve effective subject based learning by practice in schools for knowledge and analytical skills using ICTs?
- How to enhance interest, skills and capacities of teachers to make teaching supportive, interactive, and interesting and outcome oriented with ICT tool support?
- How to make our schools knowledge and resource hubs for the future with ICT playing a facility role?
- What is the potential of implementation, adaptability, replicability and scalability of best practices in ICT in education?

Chair & Moderator: Amitabh Singhal, Board Director, Public Interest Registry

Special Invitee: Representative, North East Space Application Centre, Dept. of Space, Umiam, Meghalaya

Expert Invitee: UNICEF, Assam

CASE STUDY PRESENTATIONS (10 MIN MAX):

- Project ICT Solutions including real time monitoring using mobile phones to address health systems gaps in Assam, India, UNICEF
- Project NRHM, Assam presentation
- Project Deployment of Telemedicine technology by establishing Telemedicine Consultation Centers (TCC) at Barak Valley in association with NIT Silchar
- Project MoSQuIT (Mobile based Surveillance Quest using Information Technology) , Regional Medical Research Centre (RMRC) (Indian Council of Medical Research, (ICMR), Dibrugarh district of Assam, in the Tengakhat Primary Healthcare Centre (PHC) & CDAC
- Project Sensing & Control of Air Pollution using Nanostructures, Don Bosco University
- Project End Maternal Mortality Now ("EndMMNow"), Nazdeek, Assam & New Delhi
- Project Deployment of Health Care Knowledge System in the North-East States for Promoting Public Health Awareness and Education. Centre for Development of Advanced Computing, Kolkata & Directorate of Health Services, DHS, Govt. of Assam, Guwahati
- Project "104" Sarathi Health Information Helpline , Health Management and Research Institute
- Project Chetna – Empowering Maternal Healthcare in rural Assam , Department of Design, IIT Guwahati
- Project Continuous monitoring and remediation of toxic emissions from vehicles, Don Bosco University, Assam.
- Project Erosion & Deposition study of Majuli Island Assam, IIT Guwahati

Discussion & Q&A

The discussion will focus on the following parameters and will identify minimum 5 recommendation points;

- How to strengthen delivery of health information and services and monitoring with need based and decentralized use of digital applications?
- How to enhance skills and capacities of health front line workers with sustained and integrated use of digital tools and platforms?
- How to make our health centres as health knowledge and resource hubs for the future with ICT role?
- What is the potential of implementation, replicability and scalability of best practices in ICT in Health?

Session Chair: Ashwani Kumar, IAS, Joint Secretary, DIT, Assam

Moderator: Osama Manzar, Director, Digital Empowerment Foundation

Expert Invitee: Mr Sunil Bhatt, Consultant (Change Management), SeMT Mobile, Department of IT &C, government of Nagaland

Session Coordinators: Avesta Choudhary, & Pratiba Bora

Note: The Social Media for Empowerment component of this plenary in Guwahati, Assam, is a follow-up of the workshop in Kohima, Nagaland, held on the 31st March, addressing the key areas with regards to-
 1. Social Media as a solution for crisis in North-East
 2. Best Practices in North-East

CASE STUDY PRESENTATIONS (10 MIN MAX):

- Project Digital Notice Board, Central Institute of Technology, Kokrajhar, BTC, Assam
- Project INGRAJI: ICT Intervention to Teach Simple English Words to Women of Rural Assam., Department of Design, IIT Guwahati
- Project Interpersonal Communication Barriers to the Dissemination of Digital Literacy in India: A Proposed Research Paper, <http://www.socialmediasimplify.com/>
- Project Impulse NGO Network ,Impulse Case Info Centre (Meghalaya)
- Presentation from Special Report-Mizoram
- Project ASSAM TIMES, ASSAM TIMES FOUNDATION
- Project Assamesedictionary.com
- Project Xondhan.com,
- Project www.ecotourismsociety.in
- Presentation from Sunny Sharma, Cloud Evangelist
- Project Development of Input Method Editor for the Assamese language (Rodali), Society for Language Technology Development, Assam
- Project Sahityarathi.com
- Project: Assam Portal
- Presentation from Lezo Putsure, YouthNet, Nagaland
- KKHSOU Job Portal
- Project Anti-theft (Sim Attached) lock , Independent Innovator
- Espousal of Digital Media among Assamese students: A research Paper
- Traditional folk culture upliftment and digitization & improvisation of folk database among new generation through Information and communication Technology (ICT) applications
- Open Matrix Knowledge Advancement Resource for Empowerment (OMKAR-E), BAOU
- CG-Slate Kids – Enhancing the Learning Experience at pre-school level, ConveGenius Edu Solutions

Discussion & Q&A

The discussion will focus on the following parameters and will identify minimum 5 recommendation points;

- Discussion on the presented projects
- What is the status of Social Media & Digital Innovations for youths?
- How to engage the civil society & youths in social media and ICT innovations in labs?
- How to ensure an enabling environment for social media for empowerment and digital innovations?
- How to encourage, support, social media for empowerment usage & digital innovations?

2:00 PM – 4:30 PM

Working Plenary Session 5:

ICTS FOR LIVELIHOOD , SKILL & ENTERPRISE,
[PARALLEL TRACK 2]

Session Chair: Manoj K Das, Director, Indian Institute of Entrepreneurship, Guwahati

Moderator: Mahesh Venkateswaran, Principal, Innovation, National Skill Development Corporation

Expert Invitee: Partho Patwari, Executive Director, CML

CASE STUDY PRESENTATIONS (10 MIN MAX):

- Project IT Based Computer Aided Design Center for empowerment of Rural Weavers / Artisans of Assam, Tripura & Arunachal Pradesh Centre for Development of Advanced Computing, Kolkata
- Project Assamkart.com
- Project CT Case studies one of Impulse Social Enterprises, Meghalaya; Project www.impulsemPOWER.com; Focus on livelihood economic development ,and artisan of Assam & online store, Meghalaya
- Project www.artexdirect.com, An Online shopping portal, Apcom Educational and Cultural Development society.
- Project Gram Tarang Financial Inclusion (Pradhan Mantri Jan Dhan Yojana)
- Project Chanderiyaan for Integrated ICT for Handloom Cluster Development; Madhya Pradesh
- Project <http://www.e-bozar.com/>
- Project Assam Silk Shopping
- e-Commerce for Revival of Sualkuchi Muga Silk Industry, IIT Guwahati
- Recommender System in E-Commerce to promote Generic Brands, IIT Guwahati
- Project Bhogali Jalpan Healthy Solutions, Bhogali Food Products

Discussion & Q&A

The discussion will focus on the following two major parameters and will identify minimum 5 recommendation points based on the following two parameters for each practice;

- What is the potential of adaptability & replicability?
- What needs to be done for implementation & scalability?

4:00 PM – 4:30 PM

TEA BREAK

4:30 PM – 5:30 PM

e-Assam Challengers 2015 Felicitation Ceremony



Assam Challenge 2015

Digital Innovations for Development

e-Assam Challenge 2015 Evening

Chief Guest and other dignitaries will felicitate the e-Assam Challenge 2015 best entries

Video: Digital Innovations for Development

FELICITATION OF E-ASSAM 2015 CHALLENGERS OF BEST ICT PRACTITIONERS IN ASSAM

HONOURABLE GUESTS

- Rajiv Kumar Bora, IAS, Additional Chief Secretary, Assam
- Mukesh Chandra Sahoo, IAS, Commissioner & Secretary, IT, Govt. of Assam (TBC)
- Rajesh Verma, Former Secretary, IT, Govt. of Sikkim
- Prof. Gautam Barua, IIIT Guwahati (TBC)
- Mahesh Venkateswaran, Principal, Innovation, National Skill Development Corporation
- Dr. P. Ashok Babu, IAS, Mission Director (NHM) (TBC)
- K P Noufal, Executive Director, IT@School Project, Govt. of Kerala
- Osama Manzar, Founder Director, Digital Empowerment Foundation
- Gayatri Buragohain, Executive Director, Foundation for Social Transformation, Guwahati
- Shalini Kala, The World Bank, New Delhi
- Sanjeev Sarma, Founder Director, Webx
- John Borgoyary, Programme Manager, Democratic Governance, United Nations Development Programme (UNDP)

5:45 PM – 6:30 PM

e-ASSAM 2015 Conclusion with HIGH TEA