



The
Manthan
Award SOUTH ASIA & ASIA PACIFIC
DIGITAL INCLUSION FOR DEVELOPMENT



INFORMATION INNOVATIONS & empowerment

Digital Stories of Development from Across Asia



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Statistics	08-11
Introduction	12-13
An Insight	14-15
Juror's Views	16-30
WINNERS, SPECIAL MENTIONS AND CHAIRMAN'S DISTINCTION	32-33
e-Agriculture and Ecology	34-35
e-Business & Financial Inclusion	36-40
e-Community Broadcasting	42-44
e-Culture, Heritage & Tourism	46-50
e-Education, Learning & Employment	52-58
e-Entertainment & Games	60-61
e-Governance	62-67
e-Health	68-71
e-Inclusion & Accessibility	72-77
e-Localisation	78-81
e-News & Journalism	82-85
e-Science & Technology	86-88
e-Women & Empowerment	90-92
Runners-Up	94-107
Grand Jury Profile 2014	108-112
Partners & Associates	113-114

Total Nominations **400** Total Nominations after Pre-Screening **294**

Finalists **67** Winners **27** Runners-Up **26**

Special Mentions **12** Chairman's Distinction **02**

Country-Wise Nominations (400)

Afghanistan **01**

Bangladesh **17**

India **317**

Nepal **03**

Pakistan **05**

Sri Lanka **57**

Country-Wise Finalists (67)

Bangladesh **07**

India **47**

Pakistan **03**

Sri Lanka **10**

Category-Wise Nominations Break-up (400)

28e-Agriculture and Ecology

30e-Business & Financial Inclusion

23e-Culture, Heritage & Tourism

16e-Community Broadcasting

69e-Education, Learning & Employment

16e-Entertainment & Games

78e-Governance

45e-Health

16e-Inclusion & Accessibility

18e-Localisation

13e-News & Journalism

24e-Science & Technology

24e-Women & Empowerment

Category-Wise Finalists (67)

e-Agriculture and Ecology **03**
e-Business & Financial Inclusion **05**
e-Culture, Heritage & Tourism **06**
e-Community Broadcasting **03**
e-Education, Learning & Employment **09**
e-Entertainment & Games **03**
e-Governance **09**
e-Health **07**
e-Inclusion & Accessibility **05**
e-Localisation **05**
e-News & Journalism **03**
e-Science & Technology **05**
e-Women & Empowerment **04**

Country-Wise Winners (27)

01 e-Agriculture and Ecology
02 e-Business & Financial Inclusion
02 e-Culture, Heritage & Tourism
02 e-Community Broadcasting
03 e-Education, Learning & Employment
01 e-Entertainment & Games
03 e-Governance
02 e-Health
03 e-Inclusion & Accessibility
02 e-Localisation
03 e-News & Journalism
01 e-Science & Technology
02 e-Women & Empowerment

The Manthan Award South Asia 2014: Winners (27)

e-Agriculture and Ecology – 01

>> “MPSSCA: Seed Certification MIS” – India

e-Business & Financial Inclusion – 02

>> Using Psychometric Credit Scoring to Expand Financial Inclusion – India
>> bKash Limited – India

e-Culture, Heritage & Tourism – 02

>> Endangered Archive 341 – India
>> e-Pothi: Online Cataloguing of Manuscripts of Odisha State Museum – India

e-Community Broadcasting – 02

>> Yaadon ka Idiot Box with Neelesh Misra – India
>> Brahmaputra Community Radio Station 90.4 FM – India

e-Education, Learning & Employment – 03

>> e-thaksalawa, The National e-learning portal for General Education – Sri Lanka
>> "Buddy4study.com- A Scholarship Portal" – India
>> iChemist - Titration Simulator – Sri Lanka

e-Entertainment & Games – 01

>> Shotz7 – India

e-Governance – 03

- >> Rajiv Gandhi Jeevandayee Arogya Yojana, Govt. of Maharashtra – India
- >> eScholarship – India
- >> JailVaarta - Video Conference of Prisoners with Their Relatives – India

e-Health – 02

- >> Central Asia Health Systems Strengthening (CAHSS) Project – Pakistan
- >> National Intensive Care Surveillance: An innovative public health e-intervention from Sri Lanka for the developing world in critical care medicine – Sri Lanka

e-Inclusion & Accessibility – 03

- >> Gift of new abilities – India
- >> Swaraloka: Adaptive Music Score Trainer for Visually Impaired in Sri Lanka – Sri Lanka
- >> Blind With Camera – India

e- Localisation – 02

- >> The Kahani Project – India
- >> FUEL Project – India

e-News & Journalism – 03

- >> Citizen Matters – India
- >> Magzter Stay Informed – India
- >> environmentmove.com – Bangladesh

e-Science & Technology – 01

- >> "SIYARA" Harbour VTMS (New dimension in Port Traffic management) – Sri Lanka

e-Women & Empowerment – 02

- >> Kanyashree Online 2.0 – India
- >> Maya.com.bd – Bangladesh

The Manthan Award South Asia 2014: Special Mentions (12)

e-Business & Financial Inclusion – 02

- >> India's FIRST Microfinance Credit Bureau – India
- >> BOI NSDC Star Visa Card program – India

e-Culture, Heritage & Tourism – 01

- >> Pashto multi-purpose Dictionary – Pakistan

e-Education, Learning & Employment – 03

- >> Xomidhan – India
- >> ADB TA7872, Khan Academy Localization Project – Sri Lanka
- >> NEKTech-Linux – India

e-Health – 1

- >> Tamil Nadu Health System Project-Health Management Information System – India

e-Governance – 01

- >> Change.org India – India
- >> Virtualization using Virtual Machines for the Effective and Concrete E-Governance Framework – India

e-Inclusion & Accessibility – 02

- >> Talk – An Innovative AAC Device For People With Developmental Disabilities – India
- >> SimpleEye: Accessibility App for the visually impaired – India

e- Localisation – 01

- >> Hello MP – Bangladesh

The Manthan Award South Asia 2014: Chairman's Distinction Award (02)

e-Culture, Heritage & Tourism – 01

- >> Treasure Caretaker Training, Digital Monastery Project – India

e-Science & Technology – 01

- >> iHelmet – Sri Lanka

The Manthan Award South Asia 2014: Runners-Up (26)

e-Agriculture and Ecology – 02

- >> Sxagro – India
- >> SAFAL – India

e-Business & Financial Inclusion – 01

- >> ASAR Cleantech Pvt Ltd. (TheKabadiwala.com) – India

e-Culture, Heritage & Tourism – 02

- >> Chutti.pk - Islamic travel city guides – Pakistan
- >> Glorious Bygone – Sri Lanka

e-Community Broadcasting – 01

- >> Offeradda.com - Next Generation Offers – India

e-Education, Learning & Employment – 03

- >> AllExamsPreparation.com – Bangladesh
- >> Procurementlearning – India
- >> Edu Squares – India

e-Entertainment & Games – 02

- >> eTunes – Bangladesh
- >> Mathematics with Joy (Ganithaya Ha Sathuta) – Sri Lanka

e-Governance – 04

- >> eXtended Green Node (XGN) – India

- >> Mobile Inspection System for Rural Development Works – India
- >> Online Reporting System – Bangladesh
- >> MHADA Lottery Management System – India

e-Health – 04

- >> Hamari Ladli & Active Tracker – India
- >> Dengue Sentinel Site Surveillance System – Sri Lanka
- >> e-AMS : 'Antimicrobial Stewardship Program – Moving from Print to Digital Media to support Implementation – India
- >> Save The Baby Girl – India

e- Localisation – 02

- >> MediaArts Program – India
- >> IT Based Computer Aided Design Center for Empowerment of Rural Weavers – India

e-Science & Technology – 01

- >> 'TECHLABIKE' – India
- >> eToilet – India
- >> Climate Credit Pilot Project (C2P2) – India

e-Women & Empowerment – 02

- >> SOS – Stay Safe! – India
- >> Mahila Sishu – India



Let hundred thousand digital innovations flower to benefit all humanity

This is the 11th year of the Manthan Awards. For us at the Digital Empowerment Foundation (DEF) it has been a remarkable decade-old journey of searching, identifying, aggregating, awarding, rewarding, and mentoring projects, ideas and innovations in the ICT for Development (ICTD) space that impact people's lives.

Osama Manzar

I would be wrong to say that this journey has just been remarkable. The truth is, it has been an extremely rewarding journey to us as well. The Manthan Awards have enabled us to meet our primary mandate: that of empowering people at the edge of information.

For the eleventh year running, the Manthan Awards 2014 will be identifying, honouring and helping to encourage and scale up all significant efforts to bridge the digital divide, bring about digital inclusion and extend the benefits of the rapid advancement in ICTs to people at the margin, disenfranchised people, underserved people.

Today, we at DEF feel honoured to note that we have begun to inspire other countries to launch similar awards to identify and honour ICT interventions that help to beneficially impact people. Sri Lanka has already introduced an award along the lines of the Manthan Awards and Bangladesh and Nepal plan to do so from next year onwards.

Advancements in ICTs have little meaning and relevance if they do not benefit the people at large, people who can gain the most from all kinds of socially transforming technologies that have been unleashed by the digital revolution. We believe that the Manthan Awards have played a stellar role in encouraging the creation and development of such developmental technologies, recognised their worth and helped them to scale up so as to benefit more and more people.

Interestingly or should I say significantly, this attempt of ours to meet the mandate of bridging the digital divide is not only an attempt to meet a global mandate endorsed by the United Nations and several other global multinational bodies, private sector social transformation vanguards and of course, global civil society organisations and institutions, but also a national mandate as endorsed by successive Indian governments culminating in the full-fledged Digital India programme of the current government under the leadership of Prime Minister Narendra



Modi. We take immense pride and satisfaction to note that DEF has been working for the last 10 years and more to meet almost all of the objectives of the current government's Digital India programme. The Manthan Awards have also helped us to increase our reach and build partnerships with other like-minded individuals and organisations as also create a platform for assisting such organisations and individuals to forge partnerships among themselves so as to create a growing eco-system of individuals, for-profit and not for profit organisations, government and non-government institutions who support each other and learn from each other to continuously attack the problem of digital divide in an unrelenting way.

In terms of reach, the Manthan Awards have grown from strength to strength. When we started in 2005, the awards invited and accepted nominations only from India. We received 104 nominations. In 2007 we expanded the ambit of the awards to not just India but the whole of South Asia to cover Pakistan, Nepal, Bangladesh, Sri Lanka, Maldives, Bhutan and Afghanistan and we received 353 nominations. In 2012 we further extended our coverage to the entire Asia-Pacific region and began to invite nominations from a total of 35 countries. For this year too, we invited entries from all these 35 countries and received 400 nominations from Afghanistan, Australia, Bangladesh, Bhutan, Brunei, China, Cambodia, Fiji, Hongkong, Indonesia, Iran, Japan, Kiribati, Laos, Macau, Maldives, Mongolia, Myanmar, Nepal, New Zealand, Korea, Pakistan, Papua New Guinea, Philippines, Samoa, Singapore, Solomon Island, South Korea, Sri Lanka, Taiwan, Thailand, Timor, Tonga and Vietnam apart from India.

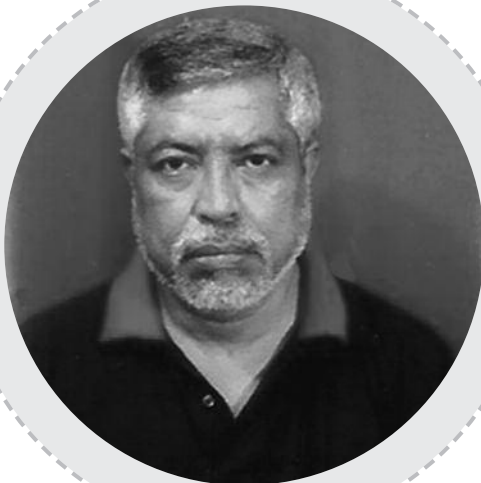
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I take this opportunity to thank all who have helped DEF in this remarkable and rewarding journey to empower people at the edge of information. Let hundred thousand digital innovations flower to benefit all humanity!

OSAMA MANZAR

Founder & Director of Digital Empowerment Foundation

He can be reached at osama@defindia.net



Time to take up the challenge of Integrated Innovation

Limitless learning and awe-inspiring amazement are the two big take-aways from this exercise to compile a booklet comprising short descriptions of as many as 67 Information and Communication Technology (ICT) projects for development across 13 different categories that emerged as finalists from the rigorous Grand Jury process of the Manthan Awards 2014.

Arjun Sen

If anybody had any doubts about the social transformation capability of ICT interventions in the field of development, this booklet should provide enough evidence to clear those doubts for good. From governance to commerce, from women's empowerment to empowerment of the differently abled, from health to education, from agriculture to environment protection, from strengthening of grassroots democracy to culture and tourism, from employment to entertainment, this booklet documents significant e-solutions that bring about economic growth and boost overall human well-being, bridge the digital divide and help to expand the ambit of digital inclusion. This is the learning from this compilation.

Our efforts at identifying and documenting excellence in ICTD interventions would be fully rewarded if ICT innovators and development practitioners take up the challenge of "Integrated Innovation" in the years to come. The Manthan Awards will be there to encourage and reward them.

The amazement comes not only from the immense creativity and innovative talent that is on display from these ICTD initiatives in every field, but also from the realisation of the massive potential of e-solutions. We at Digital Empowerment Foundation (DEF) are sure that as readers go through this little document they will begin to wonder: after all, which socio-economic challenge is really insurmountable? Poverty, malnutrition, illiteracy, low agricultural yields, poor delivery of government services, environment degradation, lack of healthcare – there are e-solutions to tackle different

aspects of all these multidimensional predicaments that now plague humanity as a whole seen from a global perspective.

Interestingly, this is the 11th time in as many years since 2004 that DEF as a leading evangelist of digital inclusion as a tool for empowerment of communities and all round social transformation has organised the Manthan Awards and documented excellence and best practices in ICTD initiatives thrown up by the Manthan process of identifying and honouring such initiatives not only from India but also from throughout South Asia



since 2007 and from the entire Asia Pacific region since 2012. In the process, over the years we have documented as many as 700+ finalists of which 346 have been award winners from a total of 3535 nominations.

These annual booklets documenting the work of over 700 Manthan Award finalists offer a treasure trove of innovative ideas and best practices in methods and mechanisms of various types of ICTD interventions, ways to bring about digital inclusion and achieve last mile delivery of services to underserved communities. The Awards have already created a platform for building a growing ecosystem of development stakeholders and ICT innovators and practitioners enabling the forging of partnerships and cross-fertilisation of ideas. We at DEF will feel fully vindicated if researchers, scholars, ICT innovators, development practitioners and grassroots activists now take the next step of what can be called "Integrated Innovation" by using the primary documentation that the Manthan Award booklets have made available in the public domain, culling out the best ideas and integrating them to create new more comprehensive ICTD interventions.

If, for instance, we look at various finalist ICTD interventions in the field of agriculture over the years, we would find that there are many interventions that have one or more truly original but in one way or another beneficial idea that is missing in other interventions but can easily be adopted and integrated to create a more comprehensive ICTD agriculture decision support system or an e-farm solution that integrates all the excellent innovations to provide farmers a whole gamut of benefits in one single package.

This idea of integrated innovation can even be extended not only to other categories such as health, education, livelihoods etc. but also across different categories of intervention to create more comprehensive ICTD programmes at the grassroots level that combines different types of innovations and interventions to bring about integrated development along several desirable dimensions such as health, education, digital literacy, agriculture, livelihoods, skill development, environment protection and so on.

Our efforts at identifying and documenting excellence in ICTD interventions would be fully rewarded if ICT innovators and development practitioners take up the challenge of "Integrated Innovation" in the years to come. The Manthan Awards will be there to encourage and reward them.

ARJUN SEN

Consultant, Digital Empowerment Foundation



Amir Ullah Khan

The world's third largest economy

The largest economy in the world is the United States of America, followed by China. These are the findings of a recent World Bank report called the International Comparison Program. What might, of course, surprise some people is that the third largest economy today is India and that in 2005, it was the tenth largest. The USA accounts for 17 percent of the world's gross domestic product (GDP), China produces nearly 15 percent while India's share in world GDP stands at 6.4 percent.

What the report clearly announces is that the Indian economy has grown leaps and bounds in the last decade. It is now a much bigger economy than most of the historically rich western nations. This certainly does not mean that all Indians are rich. The same report shows that things change completely when we calculate per capita GDP. In this calculation, India's rank slips to 127 among the 199 countries studied for this ranking. So while India is a very large economy, it also is inhabited by some of the poorest people in the world.

Governance is not going to be easy at all, and reaching all citizens becomes critical. India will soon become a middle income country where the rules of its political game would change rather dramatically.

On the per capita income ranking, the richest country is Qatar, where each person earns at least INR 6.5 million a year. The poorest people in the world live in Malawi, Mozambique and Congo, the entire region called Sub Saharan Africa, where average incomes are less than INR 50,000 a year. In India, the states that have such low incomes are Madhya Pradesh and Orissa, while people in Delhi and Chandigarh earn at least six times the same amount on an average. The total economy of India today has grown to USD 1.7 trillion or INR 105 trillion and the Indian per capita income is estimated to be an average of INR 75,000 per year, or about INR 6,250 per month for about 1.23 billion Indians today.

So what are the trends we are witnessing? With more than 300 million or about 24.4 percent people still living below the poverty line, and at least 10 percent per year getting out of poverty, there will be significant increase in demand for food grains, basic infrastructure, transportation, education and healthcare. These will either have to be provided by the government at subsidised rates or will see hefty increases in unit



price. Governance is not going to be easy at all, and reaching all citizens becomes critical. India will soon become a middle income country where the rules of its political game would change rather dramatically.

In this context, what will become important is how the last mile is reached. For this we will need a complete transformation in how we build infrastructure, provide bandwidth, equip people with devices that connect them to the world and build an ecosystem that encourages citizens, Panchayats, corporates and civil society to directly access the government, markets and institutions. This is what Manthan celebrates and promotes in its obligation to digitally empower a billion Indians.

AMIR ULLAH KHAN
Senior Policy Advisor
Bill and Melinda Gates Foundation

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Moe Chiba

What use of ICT for a more dynamic heritage sector?

In India and South Asia in general, heritage is still largely defined as monuments, archaeological sites and antiquities, the primary value of which is for people to study, conserve and admire. This rather simplistic understanding of heritage sector is reflected in the work of government and heritage experts where the main concern consists of survey, documentation and physical conservation for academic or tourism consumption. The paucity of vision seems to also have impact on the use of ICT in the heritage sector, where the typical examples are limited to the digital documentation of heritage sites or museum collection and archives for internal use of the institutions or for tourism promotion. While the utility of such exercise is not to be undermined, this addresses only a small fraction of the need of the heritage sector.

Learning from the innovative examples of health, education or farming sectors, wouldn't it be possible to explore a more creative use of ICT for the promotion of heritage sector? Here are some food-for-thought where the use of ICT may play a vital role:

Learning from the innovative examples of health, education or farming sectors, wouldn't it be possible to explore a more creative use of ICT for the promotion of heritage sector?

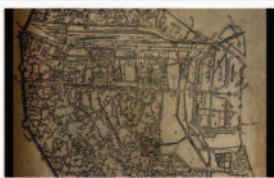
Tracking the post-disaster status of the heritage sites:

Many heritage sites are damaged during and after natural disasters. However it is difficult to assess the extent of damage as smaller heritage structures are rarely documented in the Government record and accessing the sites are usually difficult. Can we crowd-source the data on the damage to heritage sites?

Countering illicit trafficking of art objects:

Illicit trafficking of antiquities is prevailing in India. Looting of temples and monasteries are common as they have meagre security measures and their sacred objects are rarely recorded. Can we mobilize temple caretakers and local population to catalogue and watch over the collection, and also track the items in case of theft?

Public heritage education: Heritage education is not the main concern of the Indian education system. Thus, many of the historical buildings are vandalized and kept filthy; people rarely go to museums and show no interest in traditional arts, leaving century-



old art and crafts to discontinue. Can we sensitize and engage the public in heritage promotion in a more effective way?

Livelihood support of traditional artisans and artists:

India abounds in folk artists and artisans. Support to these “heritage practitioners” is critical, since they are living beings whose livelihood needs to be supported if they are to continue their century old traditional skills. However there is no precise data on the size of such creative population. The absence of data has led to inadequate government support. Can we capture the number and profile of artists across the country in a massive way?

Several government institutions are providing schemes related to the artisans; however, the outreach and the actual impact of such schemes remain an issue.

How can artisans access the information more effectively and how can the government monitor the delivery of the scheme?

There are limited platforms for artists and artisans to access market. Could there be alternative ways for them to make themselves known to the public? Can there be a more user friendly online marketing and promotion tool for rural artists and artisans?

UNESCO looks forward to creative ideas from IT techies on the above questions on the occasion of the next Manthan Award!

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MOE CHIBA

Programme Specialist for Culture-UNESCO



Let ICT be the force of societal good !

Anish Kumar

Societal advancement is founded on expression of human capabilities. Arguably, knowledge inequity has been the biggest structural driver in the subjugation of large sections of human population who are unable to express and contribute to our shared “human collective”. This is definitely true of India which even today struggles to create equal opportunities for all the nation's citizens.

The last two decades have seen many structural barriers broken and enormous strides taken. Digital technologies with their ever equalizing impact have been at the forefront of this battle. I see digital technology impacting the very “being” of human systems and massively contributing to its advancement. The challenge is: how do we keep innovating to make the “have-nots” on the other side of the digital divide come on board, utilise the new opportunities being unleashed and contribute to its swell.

The recent upsurge in voice, graphic and universal net access with such a multitude of solutions around e-governance, e-commerce, e-solution is democratizing, empowering millions.

The recent upsurge in voice, graphic and universal net access with such a multitude of solutions around e-governance, e-commerce, e-solution is democratizing, empowering millions. It is creating a new “knowledge-ableness” - shedding structural barriers of rural-urban, literate-illiterate, capital, physical isolation etc.; holding to account aberrant behaviours, enabling citizens to hold their government accountable and make it more responsive.

Today, we as a society are more connected than ever in our evolution, more aspirational and more transformational - ‘part’ dragging the ‘whole’ and ‘whole’ shaping the ‘part’ is more real, actually real-time; the responsibility of ICT in shaping our collective social consciousness to take care of all its ‘parts’, to build solutions which address problems of its forgotten ‘parts’ is an urgent imperative. Let ICT be the force of societal good !

ANISH KUMAR
Program Director
PRADAN

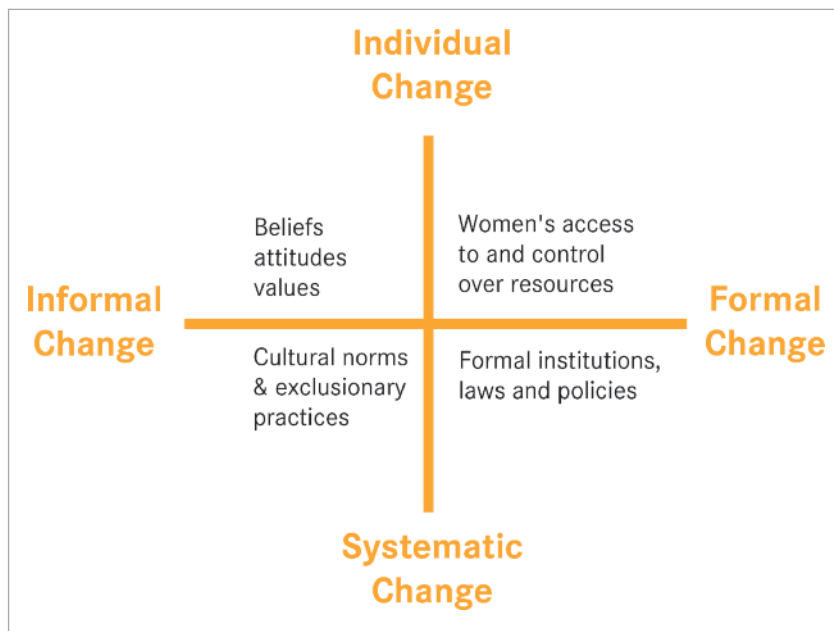


Changes that matter for women

Chat Garcia Ramilo

How can ICT make a difference in women's lives? The answer lies in gender transformative strategies that change inequitable social systems and institutions and break down resistances to women's perspectives and women's rights. The diagram below is an analytic tool that shows four domains of change which impact on each other. Changes can happen at the level of the individual or in larger systems and in informal to formal institutions and arrangements.

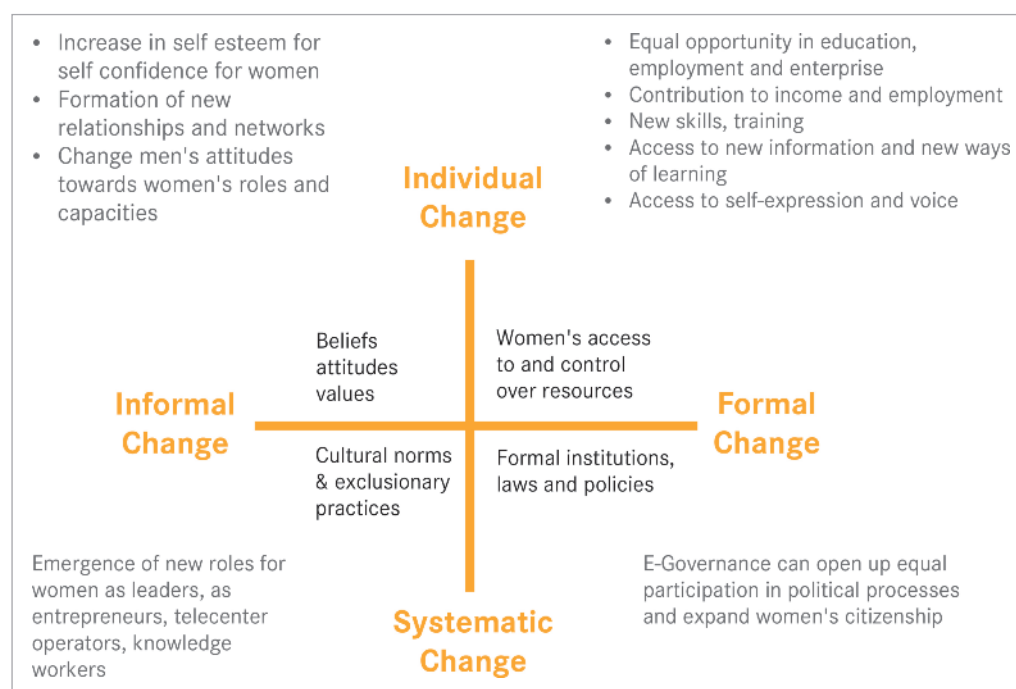
To bring about sustainable transformations in gender and social power, change must occur both at the personal or individual level and at the social or systemic level. Change must also occur in informal and formal gender relations.¹



¹This elaboration is taken from Srilatha Batliwala, *Changing Their World, Concepts and Practices of Women's Movements*, Association of Women's Rights in Development (AWID), 2008.



This tool is helpful in understanding how ICT for development initiatives can potentially contribute to changes within the various domains of change.



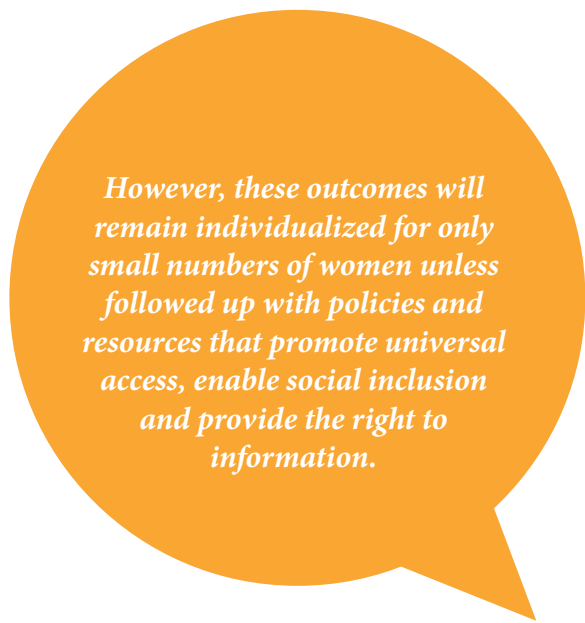
ICTs are often considered as both socially neutral and gender neutral. It is often assumed that no specific actions are needed to ensure that all groups in society equally benefit from their use. But, clearly ICTs are implemented in a societal context where socio-economic factors such as poverty, literacy, disabilities, religion and many others determine their

To bring about sustainable transformations in gender and social power, change must occur both at the personal or individual level and at the social or systemic level. Change must also occur in informal and formal gender relations.¹

distribution, value, and impact.

A woman's access and use of ICTs is mediated not only by how much she earns or how literate she is but also how much domestic and childcare she needs to do, how much control she has to make decisions about her mobility and how much personal freedom she has to make choices.

ICT access and connectivity projects provided through telecenters, computer education programs, localisation and entrepreneurship may result in increased income, new skills and capacities, better access to information and services, increased self-confidence and self-esteem and networking opportunities. These results are valuable for improving women's access to resources and for strengthening personal agency. However, these outcomes will remain individualized for only small numbers of women unless followed up with policies and resources that promote universal access, enable social inclusion and provide the right to information. Personal empowerment is, therefore, sustained by empowerment at the community or systemic levels.



However, these outcomes will remain individualized for only small numbers of women unless followed up with policies and resources that promote universal access, enable social inclusion and provide the right to information.

Collective rather than individual modes of access to and appropriation of ICTs are likely to affect empowerment for women. An effective access and connectivity model for example, are women-owned telecenters where empowerment not only resides in individual women or in their entrepreneurship potential but rather in the resulting social mobility of women from marginalised social classes to become a new locus of power in their communities – as new information intermediaries.²

We have seen these new roles emerging in community telecenters and in women's community radio collectives. These roles break down exclusionary practices and norms and ICTs mediate a new social image and provide opportunities for women assuming new social roles, as engineers, knowledge workers, telecenter operators and social entrepreneurs. These new roles challenge entrenched gender inequalities in existing institutions and contribute significantly to shifts in gender norms.

CHAT GARCIA RAMILO
Deputy Executive Director
Association for Progressive Communications

²Anita Gurumurthy, *Gender Equality Through ICT Access and Appropriation: Taking a Rights- Based Approach*, ITforChange, May 2008



The Rural Internet Access Challenge

Mobile phone penetration in the developing world is fast approaching developed country levels. Mobile broadband and Internet penetration are also growing fast but still lag far behind (Table 1).

Table 1. ICTs in Developed and Developing Countries - 2014

Developed		Developing	
%	5 yr % Δ	%	5 yr % Δ

Mobile-cellular subscriptions	120.8	1.5	90.2	9.2	
Active mobile-broadband subscriptions		83.7	18.0	21.1	48.2
Households with a computer (2012)	75.5	3.9	27.6	9.4	
Households with Internet access at home		78.4	4.6	31.2	18.0
Individuals using the Internet		78.3	4.5	32.4	13.2

Source: ITU: Note: For computers, data is only up to 2012

Mobile phones satisfy communication needs, but only sophisticated handsets with broadband enable the interactive exchange needed to build up social networks and magnify user capacities to learn, find work, advocate on their own behalf, and innovate. Demand for enhanced services beyond those provided by mobiles, probably underlie the significant developing country growth in Internet users and home access (Table 1).

Table 2 shows Internet penetration in four countries that are quite dissimilar. In all four, Internet access is far more limited in rural than urban areas. This divide is commonplace worldwide.

Table 2. Income per capita, Population and Internet Use in Four Countries

Per capita income \$PPP	Population		Internet users as % of		
	Millions	% Rural	Urban	Rural	Total

CHINA	11,904	1,360	47	63	28	46
INDIA	5,410	1,280	68	32	7	15
BRAZIL	15,034	200	15	48	15	43
PERU	11,775	30	22	48	11	40

Sources: World Bank, CNNIC, IMAI, Wolframalpha, CETIC, INEI.

Francisco J. Proenza



Rural Internet provision has been hindered by high connectivity and equipment maintenance costs; but the single most important obstacle has been digital illiteracy.

The benefits of ICTs cannot be explained. They must be experienced. Furthermore, if few peers are online, networking benefits are negligible. If people do not use the facilities there is no market and public subsidisation cannot be justified. Many initiatives have suffered because only a few people used the facilities; e.g. in India: Drishtee, n-logue, Gyandoot, eChoupal (Proenza 2015).

In 2002-2004 a digital literacy program was implemented in Malappuram, Kerala, India. Kerala's program (US\$20/trainee) was an awareness campaign in which participants did not touch the computers. At around the same time, Chile's national digital literacy campaign (\$208/trainee) focused on teaching computer and Internet use, giving trainees a chance to practice their new skills. Despite its higher cost, Chile's program appears to have been effective (Proenza 2015).

The benefits of ICTs cannot be explained. They must be experienced. Furthermore, if few peers are online, networking benefits are negligible. If people do not use the facilities there is no market and public subsidisation cannot be justified. Many initiatives have suffered because only a few people used the facilities; e.g. in India: Drishtee, n-logue, Gyandoot, eChoupal.

ICT's make a difference when they enhance engagement and build up the capacities of traditionally marginalized people. Today's foremost challenge is to increase rural access to the Internet. Unless bold initiatives are taken to increase Internet use by the rural poor, women in particular, an opportunity to redress social exclusion will be lost and inequality will continue to rise.

FRANCISCO J. PROENZA

Agricultural Economist & Visiting Professor

Information & Communication Technology, UPF, Barcelona



Internet of Everything can overcome social challenges

Archana Sahay

At Cisco we invest in scalable and self-sustaining programs that use technology to meet some of society's biggest challenges. Networking technology connects people in meaningful ways and has the power to create new opportunities, deliver richer experiences, and boost economic growth and well-being.

One way we see that happening is through what we call the “**Internet of Everything** (IoE).” In simple terms, IoE is the intelligent connection of people, processes, data, and things on the network. IoE offers countries and governments around the world the opportunity to provide better, richer lives for their citizens and create new ways for companies to do business. Whether it's connected education and healthcare, smarter cities, more efficient government services, or increased job creation, we believe the societal benefits of IoE will impact our lives in ways never imagined.

With companies, individuals, and governments working together, we can help economies all over the world develop and grow equitably. Governments alone cannot solve the global challenges we face today; only through bringing together a diverse set of stakeholders can we tackle challenges together.

In simple terms, IoE is the intelligent connection of people, processes, data, and things on the network. IoE offers countries and governments around the world the opportunity to provide better, richer lives for their citizens and create new ways for companies to do business.

In India, we focus on addressing social issues where we believe we can have significant and lasting impact by applying our unique expertise to those issues. By using Cisco networking and cloud-computing technologies we improve education outcomes, increase student engagement and performance, and provide information and communications technology (ICT) training to people to improve economic opportunities and participation in the “Internet of Everything” economy. We invest in programs that give students the foundation to succeed beyond school. We focus on the skills needed for information and communication technology (ICT) careers and emphasize the importance of science, technology, engineering, and math (STEM) education, especially in underserved communities. Through our own initiatives, our wide-ranging education partnerships, and the volunteer efforts of our employees, we reach students at all levels and foster environments



that encourage learning and create brighter futures.

We aim to help people find ways to permanently lift themselves and their families out of poverty. We work to help individuals and their communities become more resilient, secure, independent, and empowered. Focusing on the need for information and communication technology (ICT) skills and infrastructure, we invest in technology-based solutions that encourage communities to develop, expand opportunities for entrepreneurs, increase access to skills development as well as financial products and services, and improve the operational effectiveness of non-profit organizations working to eliminate poverty.

To sum up, through various programs Cisco will continue our commitment to invest in scalable and self-sustaining programs that leverage our technology and expertise to meet some of India's biggest social challenges.

ARCHANA SAHAY
Community Relations Manager (India & APJC)
Cisco Technology



Behavioural psychology, aesthetic design must guide ICT innovation

Ninad Vengurlekar

Too often, we see ICT applications with strong development focus failing to take off in the market.

At the Manthan Award Jury 2014, I had the privilege to see some path breaking work in ICT applications by both start-ups and established players. I was particularly amazed by the innovative work that is happening in Sri Lanka and by the state governments in India.

Sri Lanka could be the future innovation hub for ICT - that's my hunch. On the other hand, India's State Governments are innovating with backing of unlimited funds and scale. Both Sri Lanka and India are at the cusp of doing something spectacular in ICT for development. It's just a matter of time.

However, my observation during the two-day judging process was also the complete lack of behavioural psychology and aesthetic design integration in ICT product development. Almost everything that I saw had below average UI and UX design.

However, my observation during the two-day judging process was also the complete lack of behavioural psychology and aesthetic design integration in ICT product development. Almost everything that I saw had below average UI and UX design.

In today's times, with awesome aesthetics offered by Android and IOS on mobile phones, the user expectation for a good design has risen exponentially. As a result, bad design leads to low usage. Bad UI/UX makes the service or product uninteresting to the users. It's like starting an innovative government service and setting up the counter on the 10th floor in a building that does not have a lift. Good

design is extremely critical for the successful uptake and usage of a product in today's world.

The other aspect that is growing in stature is the integration of behavioural psychology in product design. Nir Eyal, a behaviour psychologist and the author of *Hooked*, says that the greatest changes in consumer behaviour online, in the recent years, have all happened due to great interaction design built on the foundations of behavioural psychology.



From Yahoo to Google, from Orkut to Faceook, from Google Drive to Dropbox, almost every successful disruption happened because someone listened to the user and integrated a great design to drive mass adoption.

Without writing and explaining any further, I would request all of you who are involved in building ICT applications to visit this site and complete this course - www.productpsychology.com

Happy tweaking, tinkering and innovating to all of you!

NINAD VENGURLEKAR
Co-founder
EdMobile Labs

From Yahoo to Google, from Orkut to Faceook, from Google Drive to Dropbox, almost every successful disruption happened because someone listened to the user and integrated a great design to drive mass adoption.



Digital inclusion key to reaping benefits of ICT advancement

We have been witnessing the advancement of Information Communication Technologies (ICTs) in various fields touching all aspects of human life.

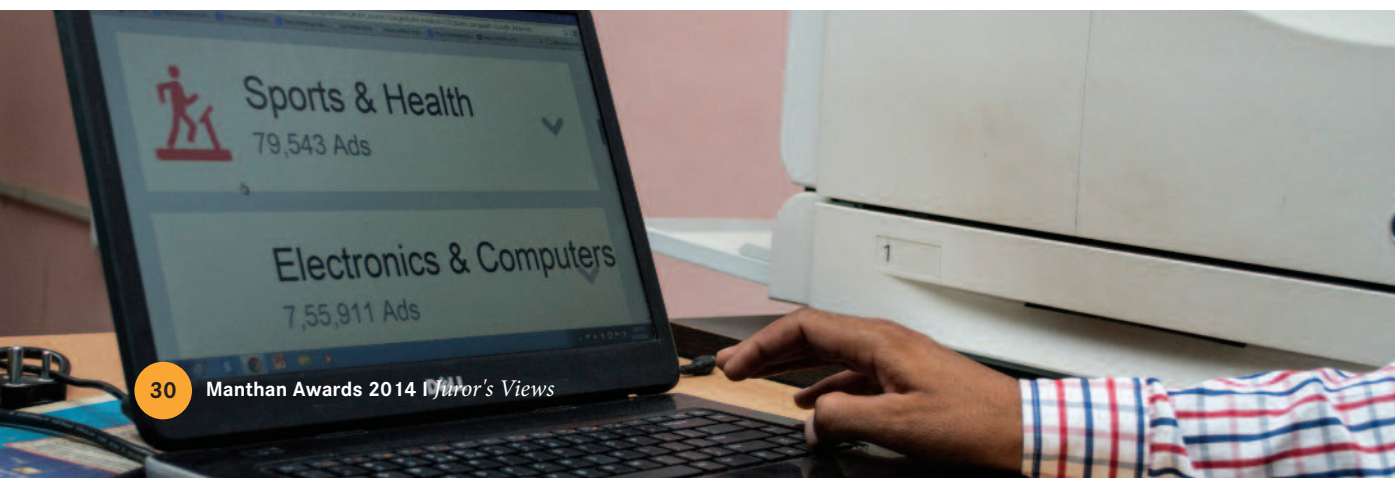
Suresh Reddy

As citizens of the 21st century, we are experiencing technology advancements and reaping the benefits in many ways like faster communication, real time monitoring, online purchases, prediction of weather forecast, life saving medical innovations, transforming education technologies, customer friendly online banking systems, technologies for differently abled people, mobile technologies with innumerable user friendly applications, access to the information world, multi-way interactive technologies, sporting and gaming technologies, space communication technologies, public awareness, social media, geographical information systems, and online public delivery systems etc.

By striking a balance between ICT advancement and bridging the digital gap, we can prepare people for living in the 21st century.

However at the same time, we are not fully ready to reap the ICT benefits as the digital gap is too wide. Connectivity and technologies are yet to reach a large number of remote areas and excluded communities. By striking a balance between ICT advancement and bridging the digital gap, we can prepare people for living in the 21st century.

SURESH REDDY
Director
SRF Foundation



internet RIGHTS

Internet for Social Empowerment & Sustainable Development

Networking for freedom online and offline

protecting freedom of
information, expression
and association on the
internet in India, Malaysia
and Pakistan in India.



PROJECT PARTNERS



INDIA PARTNER:



Contact

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WINNERS, SPECIAL MENTIONS & CHAIRMAN'S DISTINCTIONS



e-Agriculture and Ecology

- >> MPSSCA: Seed Certification MIS



e-Business & Financial Inclusion

- >> Using Psychometric Credit Scoring to Expand Financial Inclusion
- >> bKash Limited
- >> India's FIRST Microfinance Credit Bureau
- >> BOI NSDC Star Visa Card program



Community Broadcasting

- >> Yaadon Ka Idiot Box with Neelesh Misra
- >> Brahmaputra Community Radio Station 90.4 FM



e-Culture, Heritage & Tourism

- >> Endangered Archive 341
- >> e-Pothi: Online Cataloguing of Manuscripts of Odisha State Museum
- >> Pashto Multi-purpose Dictionary
- >> Treasure Caretaker Training, Digital Monastery Project



e-Education, Learning & Employment

- >> e-thaksalawa, The National e-learning Portal for General Education
- >> Buddy4study.com - A Scholarship Portal
- >> iChemist - Titration Simulator
- >> Xomidhan
- >> ADB TA7872, Khan Academy Localization Project
- >> NEKTech-Linux



e-Entertainment & Games

- >> Shotz7



e-Governance

- >> Rajiv Gandhi Jeevandayee Arogya Yojana, Govt. of Maharashtra
- >> e-Scholarship
- >> Jail Vaarta - Prisoner Video Conference with Relatives
- >> Change.org India
- >> Effective and Concrete E-Governance Framework



e-Health

- >> Central Asia Health Systems Strengthening (CAHSS) Project
- >> An innovative public health e-intervention from Sri Lanka for the developing world in critical care medicine
- >> Tamil Nadu Health System Project-Health Management Information System



e-Inclusion & Accessibility

- >> Gift of New Abilities
- >> Swaraloka: Adaptive Music Score Trainer for Visually Impaired in Sri Lanka
- >> Blind with Camera
- >> Talk – An Innovative AAC Device for People with Developmental Disabilities
- >> SimpleEye: Mobile App for visually impaired



e- Localization

- >> The Kahani Project
- >> FUEL Project
- >> Hello MP



e-News & Journalism

- >> Citizen Matters
- >> Magzter Stay Informed
- >> EnvironmentMove.com



e-Science & Technology

- >> "SIYARA" Harbour VTMS
- >> iHelmet



e-Women & Empowerment

- >> Kanyashree Online 2.0
- >> Maya.com.bd



e-Agriculture & Ecology

This category recognizes contributions made by individuals, institutions, organisations, government agencies and enterprises in the field of agriculture. It is a platform for best agricultural practices serving a larger community. It recognizes e-content in environmental excellence in Asian countries. This category will also consider individuals, business, and organizations that have shown leadership, innovation, or extraordinary service in protecting, improving, or cleaning up the environment.

MPSSCA: Seed Certification MIS

Winner, India



Fully online seed certification system benefits MP farmers

From January 2014, MP State Seed Certification Agency has implemented a completely online e-governance system for the entire process of seed certification. The web-based system enables growers and seed producers to apply online for registration as seed producers, pay registration and other fees directly into the Seed Certification Agency account through an online banking and payment gateway, online availability of all related documents and processing of application from ASCO, SCO & HO, online availability of registration certificate to producers, MIS report generation, seed grower/crop registration, online application by producers for stock verification, verification of stock by ASCO, online application by growers for crop registration (from verified stock), fees calculation as per crop, area of production, online laboratory results and final availability of certificates. The system also has archival systems and analytics reporting. So far, for the 2014 Kharif season, the system has enabled registration of 1194 seed producers, 511 seed producing plants, 41319 seed growers covering a total registered area of 181,006 hectares. The system supports use of Hindi language and has thereby increased people's access to the website irrespective of their location. The implementation of the system has made the whole process more transparent and convenient for users and has enabled considerable time and cost savings for both the users and the certification agency. It has also enabled access from remote areas for certification. The limitation of office times has also been overcome as the system is available 24X7.

The implementation of the system has made the whole process more transparent and convenient for users and has enabled considerable time and cost savings for both the users and the certification agency.

ORIGINAL TITLE
MPSSCA: Seed Certification MIS

ORGANIZATION
MP State Seed Certification Agency,
Bhopal

COUNTRY
India

LANGUAGE
Hindi

EMAIL ADDRESS
mpsscaho@gmail.com

WWW
www.mpssca.org



e-Business & Financial Inclusion

This category recognizes applications that seek to achieve efficiencies in business processes and creating new business models in e-commerce. It supports and optimizes business processes across business-to-business, business to consumers. E-business will recognise entrepreneurs who use new media to innovate business opportunities and practices. Financial inclusion will seek to reward best effort in the area of digital, financial and social inclusion to provide financial security and better financial management.

Using Psychometric Credit Scoring to Expand Financial Inclusion

Winner, India

bKash Limited

Winner, Bangladesh

India's FIRST Microfinance Credit Bureau

Special Mention, India

BOI NSDC Star Visa Card program

Special Mention, India



New credit rating tool for lending to MSMEs



The Entrepreneurial Finance Lab (EFL) has emerged out of the work of its co-founders Bailey Klinger, a fellow at Harvard's Center for International Development and Asim Khwaja, a professor at the John F. Kennedy School of Government at Harvard University. They realised the need to develop non-traditional credit scoring tools that would enable lenders to identify high potential MSME entrepreneurs especially in emerging markets who often lack detailed credit histories and other traditional documented metrics of credit-worthiness and consequently are denied access to much-needed finance to run and grow their businesses. In 2008, Asim and Bailey launched the 'Entrepreneurial Finance Lab' project within Harvard's Center for International Development to pilot test alternative screening tools in a network of financial institutions across Africa and Latin America. During the next two years, the EFL worked with the world's leading psychometric firms and entrepreneurship researchers to assemble a prototype credit-scoring tool using a psychometric survey combined with readily available information. In 2010, the Entrepreneurial Finance Lab became an independent organization that has developed and rapidly scaled-up tools to identify high-potential entrepreneurs using non-traditional credit scoring. In 2013 EFL entered the Indian market in partnership with Janalakshmi Financial Services after recognising the relevance of and need for its product in the Indian market where 92% of MSME businesses are run on self-finance. Since April 2013, EFL's India partners have administered more than 10,000 EFL surveys across 14 states in North, West, and South India, and have disbursed more than 5,000 loans.

ORIGINAL TITLE

Using Psychometric Credit Scoring to Expand Financial Inclusion

ORGANIZATION

The Entrepreneurial Finance Lab (EFL)

COUNTRY

India

LANGUAGE

English

EMAIL ADDRESS

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WWW

www.eflglobal.com

Since April 2013, EFL's India partners have administered more than 10,000 EFL surveys across 14 states in North, West, and South India, and have disbursed more than 5,000 loans.



Offering mobile banking services across Bangladesh

ORIGINAL TITLE
bKash Limited

ORGANIZATION
bKash Limited

COUNTRY
Bangladesh

LANGUAGE
Bengali & English

EMAIL ADDRESS
syed.dastagir@bkash.com

WWW
www.bkash.com

Today, there is not a single village in Bangladesh where a bKash community based agent is not available to serve the unbanked.

Launched in July 2011, bKash is a mobile based financial service provider in Bangladesh. Through bKash one can top up mobile airtime credit, make payments, receive remittance from abroad, cash out from ATMs, save money and earn interest, etc. Recognising that less than 16% of Bangladeshis are connected to the formal banking system whereas over 70% have access to a mobile phone, bKash seeks to allow access to formal financial services through mobile phones to the people of Bangladesh, especially those at the bottom of the pyramid and living in remote rural areas. It enables financial transactions instantly through a secure transaction platform and has a vast distribution network of more than 95,000 agents nationwide. It is operating under the jurisdiction of the Bangladesh Central Bank as a subsidiary of BRAC Bank, a local bank. Already the second largest MFS in the world (in terms of wallet numbers), bKash's customer base has rapidly grown to more than 10 million in only two and a half years of operations. bKash services are offered seamlessly through all major mobile networks (Grameenphone, Banglalink, Robi and Airtel) and hence covers 96% of all mobile users and can be accessed in 99% of the geographic area of Bangladesh. According to statistics recently announced by the CGAP (Consultative Group to Assist the Poor), as of March 2014, bKash is one of the most affordable MFS service available globally. Today, there is not a single village in Bangladesh where a bKash community based agent is not available to serve the unbanked.



Using technology for credit rating of rural borrowers



Launched in March 2011, CRIF High Mark (CHM) microfinance bureau is India's first credit rating agency for the microfinance industry offering credit information even for borrowers with inadequate KYC identifiers. CHM's services are used by micro-lenders (MFIs, NBFCs, banks etc.) to check credit behavior history of a borrower and support their loan officers in making better underwriting decisions using objective and reliable data from bureau reports before approving new loan applications or loan renewals. MFIs are able to deploy the limited capital available with them judiciously by picking up low-risk borrowers showing good history and to better collect overdues from borrowers with past defaults. Two key innovations enable CHM's identity resolution engine to pin-point with a great degree of statistical accuracy, whether an inquired individual's credit record exists in its database, even in the absence of KYC identifiers. These innovations are (a) CHM's technology can read and match customer names (with varying spellings, transliterations, regional & vernacular nuances etc) and thus effectively uses India specific elements such as father & spouse name to identify individuals, and (b) CHM can interpret non-standard and incomplete Indian addresses with near human intelligence, even in the absence of comma separators, PIN codes etc. This unique ability to handle non-standardized textual data enables lenders using CHM services to obtain more complete and correct credit records of their borrowers, thereby allowing them to make more informed and optimal credit decisions. At present CHM operates the world's largest micro-credit database with over 182 MFI's and 200 million records.

Two key innovations enable CHM's identity resolution engine to pin-point with a great degree of statistical accuracy, whether an inquired individual's credit record exists in its database, even in the absence of KYC identifiers.

ORIGINAL TITLE
India's First Microfinance Credit Bureau

ORGANIZATION
CRIF High Mark Credit Information
Services Pvt Ltd

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
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crifhighmark.com

WWW
www.crifhighmark.com



A Visa card for skill development and banking

ORIGINAL TITLE

BOI NSDC Star Visa Card program

ORGANIZATION

Transerv Pvt Ltd

COUNTRY

India

LANGUAGE

English

EMAIL ADDRESS

aditya@transerv.co.in

WWW

www.transerv.co.in

In February 2014, Bank of India (BOI) rolled out the National Skill Development Star Visa Card (NSDC) with Transerv Pvt Ltd as the programme manager. The card provides a mechanism for youth enrolled in the NSDC training programmes to get access to a financial product that enables them to both receive the immediate benefits from the government for skill development and also get included into the financial mainstream with a banking product. The multi-wallet programme also helps address the key requirement of ensuring that the funds provided by the government are utilised only for the intended purpose by having a wallet designated for benefit from the government (NSDC Wallet) and restricted for usage only at identified training institutes. The authorisation rules route the request to the NSDC Wallet if it comes from the enrolled institute. The second wallet is a GPR Wallet linked to a Bank of India account, giving cardholders the flexibility to cash in and use the card at participating Visa ATM's and POS. This is the first multi-wallet card programme in India. So far, over 5,00,000 beneficiaries and 2500 direct training centres have been enrolled in the first six months.

This is the first multi-wallet card programme in India. So far, over 5,00,000 beneficiaries and 2500 direct training centres have been enrolled in the first six months.



NATIONAL DIGITAL LITERACY MISSION

275 million households in India

Let's make One from each house
digitally literate!



In a country of 1.2 billion, there are 275 million households, 250,000 panchayats, 14,00,000 schools, 85000 public and community health centres, 26 million micro & small enterprises, 3300,000 NGOs, 100,000 Aanganwadis and altogether more than 345 million people below poverty line. This entire range of institutions and people are digitally illiterate.



Community Broadcasting

This category recognizes achievements of community media and community broadcasting stations including community radio, their programs, initiatives or practices especially in rural India. It includes best digital media initiatives, radio programs – talks, music; contribution to indigenous broadcasting and excellence in ethnic and multicultural broadcasting.

Yaadon Ka Idiot Box with Neelesh Misra
[Winner, India](#)

Brahmaputra Community Radio Station
90.4 FM
[Winner, India](#)



Popular radio programme reviving the lost art of storytelling

 **ContentProject**

Yaadon Ka Idiot Box is a radio show on Reliance Broadcast's 92.7 BIG FM. This show is produced by Content Project Pvt Ltd. The show features stories narrated by Neelesh Misra. In the last four years of running, the show has amassed a huge fan base, great appreciations, and many awards. The objective of the show is to bring the lost art of storytelling back to the masses. The stories on Yaadon ka Idiot Box is heard by people from all age groups. There are people from metros, tier 2 cities, tier 3 cities and even villages who are among the listeners. Because the stories can be funny, dramatic or serious it touches a wide array of emotions that appeal to people from all age groups and the show appeals to a wide domain of people. The radio programme has completed three successful seasons and is currently running the fourth. More than 500 stories have been produced by the show so far. It has a steady audience of 40 million listeners.

ORIGINAL TITLE
Yaadon Ka Idiot Box with Neelesh Misra

ORGANIZATION
Content Project Pvt. Ltd.

COUNTRY
India

LANGUAGE
Hindi

EMAIL ADDRESS
gaurav@contentproject.in

WWW
www.neeleshmisra.in

The radio programme has completed three successful seasons and is currently running the fourth. More than 500 stories have been produced by the show so far. It has a steady audience of 40 million listeners.



Community radio station for Dibrugarh district

ORIGINAL TITLE

**Brahmaputra Community Radio
Station 90.4 FM**

ORGANIZATION

**Brahmaputra Community Radio
Station**

COUNTRY

India

LANGUAGE

Assamese

EMAIL ADDRESS

bhuyan.bhaskar83@gmail.com

WWW

www.c-nes.org

Brahmaputra Community Radio Station is a non-commercial radio station. It is the first grassroots station of its kind in North-East India. It is run by representatives of local communities in Dibrugarh district and produces radio programs in five different languages & dialects - Assamese, Bhojpuri, Mishing, Bodo and Chadri (tea garden community dialect) - by the direct participation of the respective communities' youths from tea gardens, islands in the Brahmaputra river and from the other mainland villages. The community radio station initiative was started in 2010 with the training and capacity building of local enthusiastic communities, members. From its inception, the radio station has been producing radio programmes to generate awareness about the community radio station through narrowcasting of produced programmes in village level communities. From March 2014, however, the radio station has started test broadcasting of various radio programmes in various formats such as talk shows, musical shows, drama, documentaries and live programming covering health, education, livelihood, agriculture, local culture and custom etc in the five different languages and dialects covering the most deprived communities from the island population, tea garden population and mainland village communities. The radio station covers a total population of about 2.5 lakh.

The radio station has started test broadcasting of various radio programmes in various formats such as talk shows, musical shows, drama, documentaries and live programming covering health, education, livelihood, agriculture, local culture and custom etc in the five different languages and dialects covering the most deprived communities from the island population, tea garden population and mainland village communities.

CIRC

Community Information Resource Center

सामुदायिक सूचना संसाधन केंद्र



www.circindia.org



As of now DEF has various partners who have been instrumental in establishing and managing CIRCs. Some of the partners are;

Managing Partner

Partners

INOMY
KNOWLEDGE ON INFORMATION ECONOMY



Contact Us

CIRC

Community Information Resource Center

Digital Empowerment Foundation

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Tel: 91-11-26532786 / Fax: 91-11-26532787

Email: siddiqui@defindia.net

visit: www.circindia.org, www.defindia.org/circ/





e-Culture, Heritage & Tourism

This category recognizes the contribution in the fields of culture and heritage through literature, music, visual art, design, architecture or crafts etc using ICT tools. It also includes programs promoting cultural and knowledge exchanges between different cultures. It also supports how to preserve and present cultural heritage in line with the challenges of the future demonstrating valuable cultural assets clearly and informatively using new media platforms.

Endangered Archive 341

Winner, India

e-Pothi: Online Cataloguing of Manuscripts of Odisha State Museum

Winner, India

Pashto Multi-purpose Dictionary

Special Mention, Pakistan

Treasure Caretaker Training, Digital Monastery Project

Chairman's Distinction, India



Rescuing endangered books and publications via digitisation



The Urban History Documentation Archive of the Centre for Studies in Social Sciences, Kolkata began work in 1993 to preserve through copying all available endangered printed and manuscript records relating to the history of civil society in colonial India. In 2009 it embarked on a project (EAP188) supported by the Endangered Archives Programme of the British Library to identify endangered archival materials and stored in 20 public libraries in the districts of Howrah, Hooghly, 24 Parganas North and 24 Parganas South, all located in semi-urban and rural areas within the proximity of Kolkata, West Bengal. The project team identified and surveyed all publications published prior to 1950 from these 20 libraries and prioritised eight libraries. As retrieving “all” printed literature is almost an impossible task, the team eliminated all fictions and then prioritised books published on specific subjects, such as, regional history, education, religion, Indian philosophy, medicine and others areas based on the queries it receives from scholars and in consultation with some members of the CSSSC faculty. This project created a huge database of 26,579 books in these eight libraries. The current project, also supported by the EAP and nominated (EAP 341) for Manthan Awards, shortlisted 3700 unique and endangered books and copied them during the period 2010 and 2012. Now the entire archive, one of largest among Bengali language materials, has been uploaded by the British Library on the Endangered Archives Programme server and is available for unrestricted online access.

ORIGINAL TITLE
Endangered Archive 341

ORGANIZATION
Centre for Studies in Social Sciences,
Calcutta

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
abh1232@gmail.com

WWW
www.eap.bl.uk/database/results.a4d?uid=-10085764445;random=41

Now the entire archive, one of largest among Bengali language materials, has been uploaded by the British Library on the Endangered Archives Programme server and is available for unrestricted online access.



Odisha State Musuem makes rare manuscripts available online

ORIGINAL TITLE

e-Pothi: Online Cataloguing of Manuscripts of Odisha State Museum

ORGANIZATION

National Informatics Centre, Odisha State Centre

COUNTRY

India

LANGUAGE

English

EMAIL ADDRESS

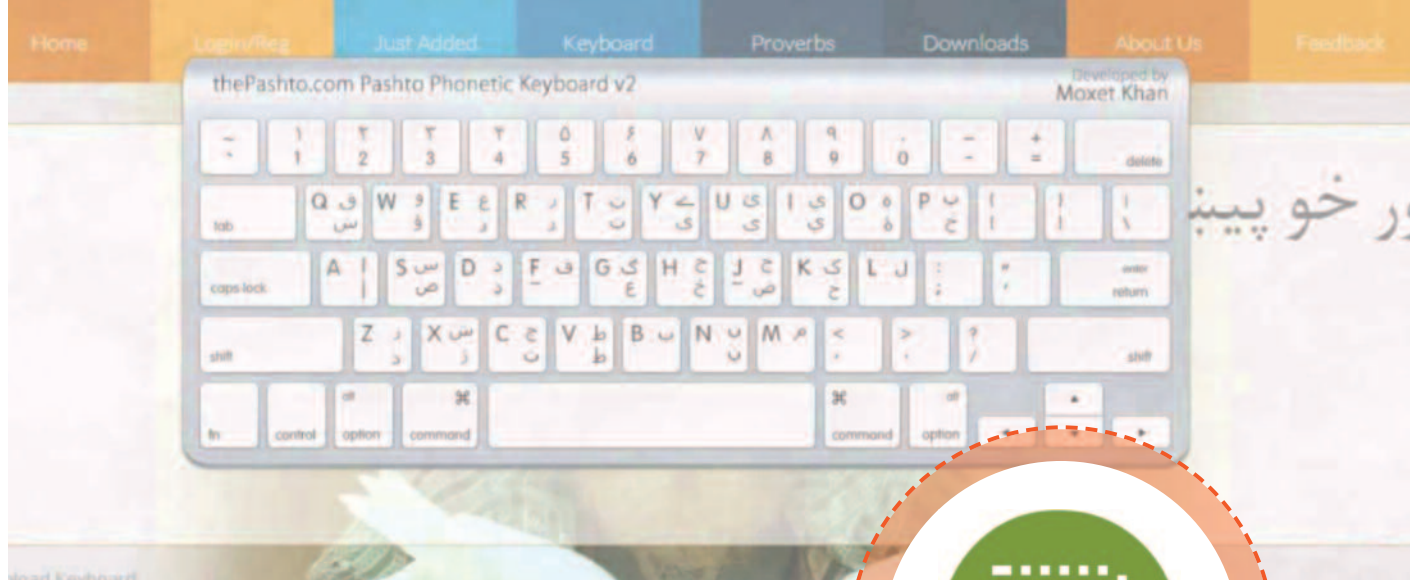
rnbehera@nic.in

WWW

www.odishamuseum.nic.in

On behalf of Odisha State Museum, the National Informatics Centre has developed and launched in March 2014 a website under a project called e-Pothi. The website offers visitors two major facilities. The first facility is a searchable e-catalogue and repository of about 37,000 rare palm leaf manuscripts of Odisha preserved and stored in the museum. These manuscripts have been catalogued under 27 categories such as Veda, Ganita, Ayurveda, Jyotisha, Sanskrit Purana, Tantra etc. Visitors can get access to the first and last page of the individual manuscripts and if he/she wants to see/read complete set for research purpose, then there is a facility of online purchase through e-Payment by Credit/Debit/ATM Card/Internet Banking. The digitised manuscripts can be downloaded and printouts can be taken. The second facility is a virtual walkthrough of the Odisha State Museum. Visitors from anywhere in the world can access the website, select any section of the museum, get a panoramic view of the musuem and move around using the cursor giving him or her a realistic feel of being in the musuem. The beneficiaries of the project are the Odisha State Museum, researchers, students and scholars across the globe and common citizens.

The first facility is a searchable e-catalogue and repository of about 37,000 rare palm leaf manuscripts of Odisha preserved and stored in the museum.



An online Pashto-English and English-Pashto dictionary



ThePashto.com is a dynamic and user-friendly Pashto-English and English-Pashto online dictionary having more than 16000 words facilitated with all-round grammatical descriptions. The dictionary is designed and devised so as to appeal to a wide array of users, ranging from beginners to advanced users, Pashto and non-Pashto speakers, students, teachers, researchers, lexicographers etc. The user-friendly interface allows the user to add more words/phrases and modify one's previous entries or delete entries containing discrepancies with ease. The auto suggestion feature allows any novice to select the requisite word or phrase in English/Pashto to find-out meanings of that very word, and to get closely related word/phrase of the entry searched for. Also, Unicode compliant TTF fonts are installed in the website so that user can easily differentiate between words and their meanings. There are several other Pashto dictionaries online but thePashto.com has certain unique features. It allows three way searching (English, Pashto, Roman), it has an embedded Pashto keyboard, auto suggestions facility, pre-Installed Pashto fonts (Unicode), related words facility, phonetics and user dashboard to add/edit & delete words. The dictionary can be accessed by Android phones while other phones can access through browser.

ORIGINAL TITLE
Pashto Multi-purpose Dictionary

ORGANIZATION
Pukhtoogle

COUNTRY
Pakistan

LANGUAGE
English & Pashto

EMAIL ADDRESS
xtchamkani@gmail.com

WWW
www.thepashto.com

There are several other Pashto dictionaries online but thePashto.com has certain unique features.



Treasure Caretaker Training
DIGITAL MONASTERY PROJECT

Simple mobile phone technique to document monastery treasures

ORIGINAL TITLE

Treasure Caretaker Training, Digital Monastery Project

ORGANIZATION

Digital Monastery Project

COUNTRY

India

LANGUAGE

English, Hindi, Tibetan, Dzongka & Nepalese

EMAIL ADDRESS

annshaftel@me.com

WWW

www.digitalmonasteryproject.com

The Digital Monastery Project was launched in May 2014 in the Namgyal Institute of Tibetology to teach monks, nuns and cultural caretakers to create digital inventories of their monastery and museum treasures by use of their own mobile phones. Some 40 participants including monk and nun treasure caretakers, military personnel and cultural workers signed up to attend, representing their organizations from many regions of India, Bhutan and Nepal. The participants were taught digital documentation using their own mobile phones and tablets to record not only artifacts but also elders' interviews. The participants were expected to return to their respective organisations and carry out digital documentation. The Digital Monastery Project used tools that are easily accessible to all and strategies that are easy to replicate. In the Himalayan region, very few understand the complicated museum standards cataloguing programs that are designed to create digital inventories. That is why a system for collections management documentation was devised using the electronics that people own, and the techniques they already use and know. The impact of this project is not limited to northeast India only but extends to other parts of India, Bhutan and Nepal as well. The project will help reduce

art theft and loss which is particularly a major issue in India as once a statue, painting or other work of art has been documented and photographed on a mobile, and the information is sent as an email, this is considered legal proof of ownership if that artwork is stolen and comes up for sale.

The project will help reduce art theft and loss which is particularly a major issue in India as once a statue, painting or other work of art has been documented and photographed on a mobile, and the information is sent as an email, this is considered legal proof of ownership if that artwork is stolen and comes up for sale.

Connecting rural communities of India through **Unlicensed Spectrum**



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& Access
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Deliberation
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Digital Empowerment Foundation, House No. 44, 3rd Floor, Kalu Sarai, (Near IIT Flyover), New Delhi – 110016 | Tel: 91-11-26532786 / Fax: 91-11-26532787
Email: shahid@defindia.net | Website: wforc.in





e-Education, Learning & Employment

This category recognizes the use of ICT tools such as digital applications, digital devices or social media in achieving excellence in education and learning at various levels such as schools, colleges, universities, and vocation. It recognizes efficient education processes which use ICT to generate occupation opportunities at all levels.

e-thaksalawa, The National e-learning Portal for General Education

[Winner, Sri Lanka](#)

Buddy4study.com - A Scholarship Portal

[Winner, India](#)

iChemist - Titration Simulator

[Winner, Sri Lanka](#)

Xomidhan

[Special Mention, India](#)

ADB TA7872, Khan Academy Localization Project

[Special Mention, Sri Lanka](#)

NEKTech-Linux

[Special Mention, India](#)



Comprehensive learning content portal for school education in Lanka



Since February 2013, the ICT Branch of the Ministry of Education, Sri Lanka has established e-thaksalawa, the National e-Learning Portal for General Education. The portal is a Learning Content Management System (LCMS) aimed at providing all learning materials and course content covering all the subjects from Grade 1 to Grade 13 of the GCE (A/L) streams and also general knowledge. It seeks to be continuously developing and therefore, become an endless repository of all learning materials for formal education, informal education as well as education for special needs students. The production/creation of the e-thaksalawa has been completely done as an in house project using teachers who are working in government schools in Sri Lanka. Further, it uses free and open source software to make it affordable and sustainable. The main intention behind introducing the LCMS is to provide equity of education for the students given the multi ethnic community (Tamil, Sinhala & English), geographical boundaries and other existing issues pertaining to the delivery of formal education in the island nation. Through this, it is expected to reach the students who have been left behind due to various reasons and also students who require information and resources on formal education, nationally and internationally. The site gets 80,000-90,000 daily hits. The final goal of e-thaksalawa is to reach all the 4 million students and 2, 25,000 teachers in the country.

The portal is a Learning Content Management System (LCMS) aimed at providing all learning materials and course content covering all the subjects from Grade 1 to Grade 13 of the GCE (A/L) streams and also general knowledge.

ORIGINAL TITLE
e-thaksalawa, The National e-learning Portal for General Education

ORGANIZATION
Ministry of Education

COUNTRY
Sri Lanka

LANGUAGE
Sinhala, Tamil, and English as a bilingual

EMAIL ADDRESS
niel.gunadasa@moe.gov.lk

WWW
www.e-thaksalawa.moe.gov.lk



Buddy4Study.com
...Advancing School Education

Connecting students seeking scholarships to those offering them

ORIGINAL TITLE

Buddy4study.com - A Scholarship Portal

ORGANIZATION

Smiling Star Advisory Pvt Ltd.

COUNTRY

India

LANGUAGE

English

EMAIL ADDRESS

ashutosh@buddy4study.com

WWW

www.buddy4study.com

Smiling Star Advisory Private Limited launched the Buddy4study website in 2011-12 to increase awareness about scholarships and fellowship opportunities. It has now evolved into a comprehensive scholarship information portal which brings together both scholarship seekers (students) and scholarship givers (educational institutions, NGOs, Foundations, etc). The website provides timely information on all scholarships on offer, eligibility criteria etc. and other relevant information. It also takes applications from eligible candidates, selects the most eligible ones and provides application support. For scholarship providers/promoters, the website offers a technology platform for creating any number of schemes and promotes them free of cost through its website, media partners, SMSs, e-mails and network of partner NGOs and foundations. The service has launched India's first scholarship SMS alert service. So far, more than 1000 students, parents & teachers have subscribed for the SMS alert service. It has also published India's first Scholarship Guidebook for school students. More than 500 books have been sold. So far the project has seen 3 consecutive cycles of more than 1000 scholarship schemes. The project also helps facilitate scholarships disbursals and charges a small fee of the amounts disbursed to make the operations sustainable.

It has now evolved into a comprehensive scholarship information portal which brings together both scholarship seekers (students) and scholarship givers (educational institutions, NGOs, Foundations, etc).



App allows users to do titration experiments virtually

In April 2014, Sri Lanka based X Fast Games launched iChemist which is a fully featured chemical titration simulator. It allows users to simulate acid-base titrations on almost all i-devices (including iPad, iPhone, and iPod) and also on Mac and Windows platforms. The application allows users to mix dozens of chemical species, add titration indicators, and design their own experiments. iChemist is designed to simulate all practical conditions that users can expect to have when performing a titration. It is also designed to follow concepts such as limiting reactants, weak dissociating acids and bases, ionic equilibrium and many more. Users can also draw pH curves during the titrations. Complex algorithms in iChemist allow users to perform titrations with multiple acids or bases and with multiple indicators. All content is moderated by chemistry professionals in the field. This is a first of its kind software. iChemist has been deployed worldwide through iOS App store and currently has a user base of more than 200. iChemist is designed for world-wide high school students (16-20 year olds) who have interest in chemistry and specially for those who do not have the privilege to use an actual chemistry lab to learn about chemical titrations.

ORIGINAL TITLE
iChemist - Titration Simulator

ORGANIZATION
X Fast Games

COUNTRY
Sri Lanka

LANGUAGE
English

EMAIL ADDRESS
isuru@xfastgames.com

WWW
www.ichemist.xfastgames.com

The application allows users to mix dozens of chemical species, add titration indicators, and design their own experiments. iChemist is designed to simulate all practical conditions that users can expect to have when performing a titration.



Website for career counseling of North East India students

ORIGINAL TITLE
Xomidhan

ORGANIZATION
Xomidhan

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
dutta.anshuman08@gmail.com

WWW
www.xomidhan.org

Launched in January 2010, www.xomidhan.org is the first organization in North East India to provide free cloud based online career counseling to students by tapping the expertise and experience of the non-resident North East diaspora as counselors. All users have to do to know about career related matters is to log in to the website, click on "Ask a Question" and fill in the form. In the next 15 days, Xomidhan replies back after getting the response from its pool of counselors. Apart from career counseling, the website also provides free access to articles customised specially for students from North East India and written by Xomidhan counselors. It also collaborates with other regional newspapers/magazines to answer career related queries as part of its efforts to reach people who cannot access the Internet. The organisation is planning to introduce a new facility called "Super 10" which will provide scholarship and mentorship to 10 selected students from North East India. It is also working on publishing a magazine of its own. The website can be accessed even from a mobile phone with GPRS connectivity to ask the desired question. So far, the website has answered 853 questions and has a counselor pool of over 300.

All users have to do to know about career related matters is to log in to the website, click on "Ask a Question" and fill in the form. In the next 15 days, Xomidhan replies back after getting the response from its pool of counselors.



Khan Academy mathematics video tutorials in Sinhalese



With the help of an ADB Technical Assistance Grant, the National Institute of Education and the Ministry of Education of the Sri Lanka government launched in January 2014 a project to localise video tutorials of the globally acclaimed Khan Academy. The project initially mapped existing Khan Academy mathematics videos with the entire mathematics curriculum for Sri Lanka's formal school education and localised them and then started developing new videos to cover the gaps. The search function allows students to search the videos in English, Sinhala and Singlish (Sinhala typed in English - the SMS language) for better access. The videos are listed in text book order and students can simply navigate and synchronize the topics with their text books and vice versa. Three versions of the system namely stand alone, hosted (Limited) and YouTube Channels have been developed. The prime objective is to enhance the mathematics skills of Sri Lankan school children while making the subject more acceptable and enjoyable in a school environment. All schools will be provided with the comprehensive video library with all required documentation for uniform access by year 2015. Right now more than 800 students in 20 schools are using the system for their day to day mathematics learning.

ORIGINAL TITLE
ADB TA7872, Khan Academy
Localization Project

ORGANIZATION
Ministry of Education, Sri Lanka

COUNTRY
Sri Lanka

LANGUAGE
English, Sinhala, & Tamil

EMAIL ADDRESS
smdcjp@gmail.com

WWW
www.adb.org

All schools will be provided with the comprehensive video library with all required documentation for uniform access by year 2015. Right now more than 800 students in 20 schools are using the system for their day to day mathematics learning.



एजुकेशनल ऑपरेटिंग सिस्टम

देश को प्रोडक्ट डेवलपमेंट और रिसर्च में अग्रणी बनाने के संकल्प के तहत ज्ञान गंगा ग्रुप और नेक्टेक के इंजीनियर्स ने एजुकेशनल ऑपरेटिंग सिस्टम विकसित किया। शिक्षण संस्थानों में इंडस्ट्री के मुताबिक सॉफ्टवेयरों का न होना और आवश्यक सॉफ्टवेयरों की कीमतों की अधिक कीमतों की समस्या के मद्देनजर इस ओएस को विकसित किया गया है। इसका प्रयोग छात्र निःशुल्क कर सकते हैं।



Single package open source operating system for engineering education

ORIGINAL TITLE
NEKTech-Linux

ORGANIZATION
NEKTech Research Labs

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
pankaj.saraf@nekttech.in

WWW
www.nekttech.in

Launched in January 2014, NEKTech-Linux for Engineering Education is India's first-ever educational operating system that serves the entire requirement of engineering education. It has been built to provide backbone support to engineering education and offers all necessary Open Source software in a single package. The product is at present available in three versions. These are NEKTech-Linux for Computer Science, NEKTech-Linux for Electronics & Electrical and NEKTech-Linux for Mechanical & Civil. The OS provides a set of in-built development tools such as code-block for C-programming, Eclipse for Java-programming, MonoDevelop for .Net-programming, Wireshark or Network Analysis and also provides tools such as cscope for code browsing. It offers an user friendly GUI work environment. At present it is being used in GGITM, Bhopal.

NEKTech-Linux for Engineering Education is India's first-ever educational operating system that serves the entire requirement of engineering education. It has been built to provide backbone support to engineering education and offers all necessary Open Source software in a single package.



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Devendra Singh Bhadauria,
Head-eNGO International Programme
Mobile: +91 9044904904
Email: engonetnetwork@defindia.net

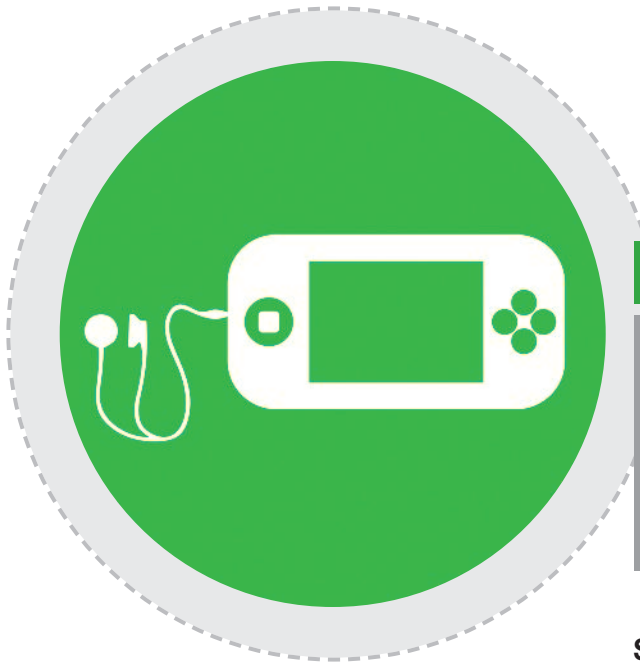
Head Office

Digital Empowerment
Foundation,
House No. 44, 2nd & 3rd Floor,
Kalu Sarai, New Delhi - 110016,
Tel/Fax: 91-11-26532786 /87
URL: www.defindia.org

Kanpur Office

House No. 110-D (A-4),
Adarsh Nagar
Barra-2, Kanpur-208014 (U.P.)
Phone No.: 0512-2280049
Mobile No.: 09044-901-901
E-Mail ID : engonetnetwork@defindia.net





e-Entertainment & Games

The category recognizes innovative projects in the field of creative content development for entertainment and infotainment. It encourages innovations that support digitalized entertainment (like games).

Shotz7

Winner, India



Mobile app to showcase short movies and documentaries

Launched in January 2014, Shotz7 is a mobile application and entertainment platform. It aims to be the premier showcase platform for short movies, short films, independent films and documentaries in India. This is being done by nurturing new talent and bringing them to the fore by tapping the long standing tradition of short films in the film Industry in India that has seen numerous accolades and awards being won on a global level. Shotz7 is trying to create a culture of promoting and viewing independent films and short films and entertain the masses by providing a new platform to understand and enjoy short films in India. It is acquiring short movies from various institutes and independent film makers and then showing them to subscribers of mobile phone service providers. As of now, all the subscribers of MTS over 9 circles across India are its active users.

ORIGINAL TITLE
Shotz7

ORGANIZATION
Shotvision Online Pvt. Ltd

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
Garima@shotz7.com

WWW
www.shotz7.com

It is acquiring short movies from various institutes and independent film makers and then showing them to subscribers of mobile phone service providers.



e-Governance

This category recognizes good governance through efficient system and transparency. It identifies ventures which deliver content rich solutions from administrations to the public including individuals, businesses and organisations and to significantly improve service delivery and quality as well as democratic processes; strengthens public policies, fosters efficiency of information exchange, increases transparency and facilitates participation of citizens and public services clients; using public access to data for innovative products and services on a commercial or non-commercial basis. e-governance recognizes all such initiatives where government efficiencies have been achieved and governance targets accomplished across sector, geography, departments and ministries.

Rajiv Gandhi Jeevandayee Arogya Yojana, Govt. of Maharashtra

Winner, India

e-Scholarship

Winner, India

Jail Vaarta - Prisoner Video Conference with Relatives

Winner, India

Change.org India

Special Mention, India

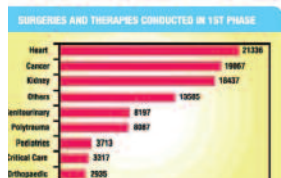
Effective and Concrete E-Governance Framework

Special Mention, India

1,00,000

SUCCESSFUL SURGERIES & THERAPIES CARRIED OUT IN FIRST PHASE.

Second phase to be launched very soon across Maharashtra.



ICT-powered health insurance scheme for poor in Maharashtra



The Maharashtra government has implemented since July 2012 an entirely ICT-enabled paperless health insurance scheme for economically weaker sections called the Rajiv Gandhi Jeevandayee Arogya Yojana (RGJAY). The insurance policy/coverage under the RGJAY can be availed by eligible beneficiary families residing in all the 35 districts of Maharashtra. The scheme provides coverage for meeting all expenses relating to hospitalisation of beneficiary up to Rs 1.5 lakh per family per year in any of the empanelled hospitals subject to package rates on cashless basis. The scheme entails around 971 surgeries/therapies/procedures along with 121 follow up packages in 30 identified specialized categories. The beneficiary families are identified through the “Rajiv Gandhi Jeevandayee Health Card” issued by the Government of Maharashtra or through the Yellow and Orange ration cards issued by Civil Supplies Department of the Maharashtra government. A total of 2.17 crore households in Maharashtra state are covered under the scheme. So far, more than 55 lakh health cards have been issued to beneficiary families, more than 3.5 lakh families and over 6 lakh individual beneficiaries have been enrolled in the scheme. In the three years since the implementation of the scheme, more than 4 lakh patients have been treated under the scheme while more than 3 lakh surgeries have been performed at an estimated optimised average cost of Rs 25000 funded by the government.

The beneficiary families are identified through the “Rajiv Gandhi Jeevandayee Health Card” issued by the Government of Maharashtra or through the Yellow and Orange ration cards issued by Civil Supplies Department of the Maharashtra government.

ORIGINAL TITLE

Rajiv Gandhi Jeevandayee Arogya Yojana, Govt. of Maharashtra.

ORGANIZATION

Rajiv Gandhi Jeevandayee Arogya Yojana Society

COUNTRY

India

LANGUAGE

English & Marathi

EMAIL ADDRESS

dyceo@jeevandayee.gov.in

WWW

www.jeevandayee.gov.in



Online solution speeds up scholarships for Maharashtra students

ORIGINAL TITLE
e-Scholarship

ORGANIZATION
Social Justice & Special Assistance
Department

COUNTRY
India

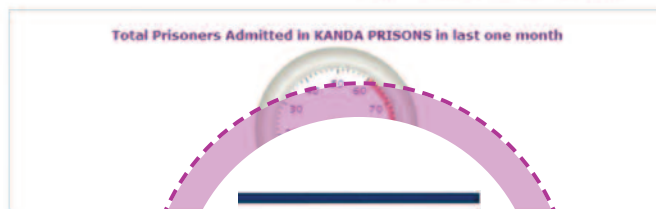
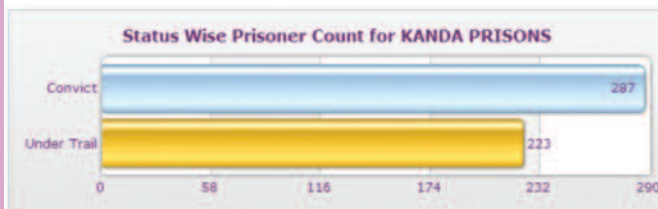
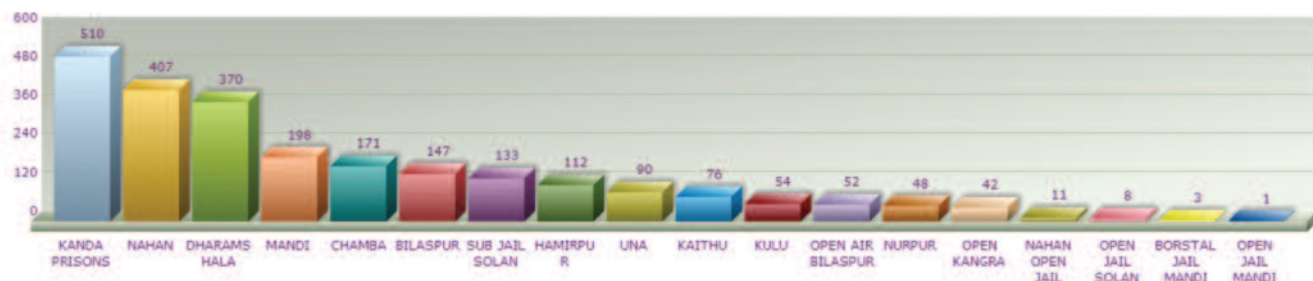
LANGUAGE
English & Marathi

EMAIL ADDRESS
nikhil.pande@semt.maharashtra.gov.in

WWW
www.mahaeschol.maharashtra.gov.in

The automation has helped to bring down administrative costs while students are getting their scholarships on time.

In August 2011, the Department of Social Justice and Special Assistance (Government of Maharashtra), rolled out an “e-Scholarship” solution in Maharashtra and enabled transformation of the delivery of scholarships to students across the state. The initiative was part of the Maharashtra state government's effort to implement the national e-Governance Plan. Previously, the entire process of scholarship application by students, approval by colleges/welfare officer and disbursement was a manual process and there was no automation. Through the e-Scholarship solution, the process of application, approval and disbursement has been more or less automated except for manual intervention in specific stages. Under the scheme, students are required to have a zero-balance account in a nationalised bank where their maintenance allowance is credited directly. The tuition fees are credited directly to the accounts of the empanelled colleges. The system also provides the department with MIS to monitor and analyse the scholarship distribution and disbursement. In 2013-14 approximately 17.3 lakh applications were received from students which was a 5% increase over 2012-13. The applications came from students in approximately 13,000 colleges. The total funds disbursed were about Rs 2,800 crore. The automation has helped to bring down administrative costs while students are getting their scholarships on time.



Himachal Pradesh prisoners can video conference with relatives



In July 2013, Himachal Pradesh rolled out Jail Vaarta which enables prisoners and their relatives or visitors to interact visually with dignity through video conferencing. This low cost, solution, having high impact among female users, uses NIC Vidyportal software and PC with web cam connected to Internet for VC slot scheduling. Using this innovative and unique application, visitors/relatives can talk to the prisoner from their homes anywhere in the world. They don't have to set up or install any local software for actual VC. The entire solution is provided online. The access could be directly from the home of a relative/visitor or from a LokMitra Kendra (Citizen Service Centre) which is located in any of the 3243 Gram Panchayats in the State and operational in about 2500 locations. The solution covers all 20 jails in the state. Since implementation, 489 VC requests have been received and 284 VCs have been conducted successfully. The number of VCs booked and arranged comes to more than 30% and 24% respectively of the total number of approximately 1400 prisoners in the state. This initiative is the first of its kind in India and second in the world next to Singapore which also allows online prisoner VC facility to the relatives of the prisoners. The initiative has reduced cost and hassles for prisoners, their relatives as well as the jail administration.

Using this innovative and unique application, visitors/relatives can talk to the prisoner from their homes anywhere in the world. They don't have to set up or install any local software for actual VC. The entire solution is provided online.

ORIGINAL TITLE

Jail Vaarta - Prisoner Video Conference with Relatives

ORGANIZATION

National Informatics Centre Himachal Pradesh State Centre

COUNTRY

India

LANGUAGE

English

EMAIL ADDRESS

sood.sandeep@nic.in

WWW

www.hpprisoners.nic.in

The world's petition platform.
What will you change?

Start a petition



change.org

Empowering citizens to bring about
change or get justice

ORIGINAL TITLE
Change.org India

ORGANIZATION
Change.org

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
venkatesh@change.org

WWW
www.change.org

Change.org is the world's largest petition platform. It is an open platform so that anybody wishing to bring about a change or get justice can start a petition, address it to a target, recruit people to sign and achieve victory. Change.org empowers users with a full range of tools to make such victories happen, both online and offline. Change.org users have won campaigns in local, national and international contexts. Some examples are (a) P. Karunakaran got the Tamil Nadu government to regulate auto rickshaw fares in Chennai, after a year-long campaign; (b) Sib Sankar Chowdhury from Kolkata, used the platform to get medicines for his son Arian, who suffers from a rare genetic disease, Hunter Syndrome one of the most expensive conditions to treat in the world; (c) R.P.S. Kohli used Change.org to win the right for Sikh players to wear the turban while representing India in international basketball games. People first began to use Change.org in India in 2011. Since then, the organisation has grown to 1.6 million (16 lakh) users from every part of the country.

*People first began to use Change.org in India in 2011.
Since then, the organisation has grown to 1.6 million
(16 lakh) users from every part of the country.*



Virtual machines for more effective e-governance solutions



Nitin V. Choudhari, DIO, NIC, Akola, Maharashtra has developed a Readily Distributable Virtual Machine of Red Hat Linux Server and Windows Client for 7/12 as well as Property Card. He has been using it at the district as well as the tehsil levels in Akola district and this way has saved the server hardware for all the tehsils in Akola district for Property Card. Several other districts are also using the virtual machines developed by Choudhari. The innovation is basically aimed at optimising and making effective use of the hardware, software, network and human resources and technical efforts and exercises to achieve e-governance goals in targeted time.

ORIGINAL TITLE
Effective and Concrete E-Governance Framework

ORGANIZATION
National Informatics Centre (NIC), Akola

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
nv.choudhari@nic.in

WWW
www.akola.nic.in

The innovation is basically aimed at optimising and making effective use of the hardware, software, network and human resources and technical efforts and exercises to achieve e-governance goals in targeted time.



e-Health

E-health category identifies applications and initiatives that provide healthcare solutions through ICT and digital tools. For example, a consumer-centered model of health care where stakeholders collaborate, utilize Information Communication Technology, includes Internet technologies to manage the overall health care system. It also considers mobile healthcare services, health awareness services and remote diagnosis solutions. Initiatives from e-health products, devices, services and applications should apply for this category.

Central Asia Health Systems Strengthening (CAHSS) Project

Winner, Pakistan

An innovative public health e-intervention from Sri Lanka for the developing world in critical care medicine

Winner, Sri Lanka

Tamil Nadu Health System Project-Health Management Information System

Special Mention, India



Teleconsultations save time and costs for Central Asia patients

AKDN eHRC

AGA KHAN DEVELOPMENT NETWORK
eHEALTH RESOURCE CENTRE

The Aga Khan Development Network eHealth Resource Centre (AKDN eHRC) launched the Central Asia Health Systems Strengthening (CAHSS) project in April 2013 which seeks to utilise information and communication technologies (ICTs) to support, strengthen and expand the AKDN eHealth System in South-Central Asia covering the countries of Afghanistan, Kyrgyz Republic (operations yet to commence), Pakistan and Tajikistan. The CAHSS project employs ICTs to provide tele-consultations (live and store-and-forward) to improve the health status of communities within defined catchment areas and eLearning modules to enhance the clinical and managerial capacities of the health professionals working under the project. Through teleconsultation services, individual patients and their families save on travel and other costs and time otherwise spent on traveling to a health care facility at a distance. Additionally, eLearning modules are being disseminated to improve and build the skills of health care providers, enabling them to effectively deliver clinical care and manage eHealth operations. Activities under the CAHSS Project help strengthen health systems through a hub and spoke model developed in a systematic, coordinated, evidence-based and cost-effective manner. Currently, there are a total of 27 connections connecting 22 sites in South-Central Asia. So far, 3867 patients have benefited from live and store-and-forward teleconsultations while 14 new and 51 existing eLearning courses have been delivered to 1114 participants (male and female).

Through teleconsultation services, individual patients and their families save on travel and other costs and time otherwise spent on traveling to a health care facility at a distance. Additionally, eLearning modules are being disseminated to improve and build the skills of health care providers, enabling them to effectively deliver clinical care and manage eHealth operations.

ORIGINAL TITLE
Central Asia Health Systems
Strengthening (CAHSS) Project

ORGANIZATION
The Aga Khan Development Network
eHealth Resource Centre

COUNTRY
Pakistan

LANGUAGE
English, Brushki, Chitrali, Pashto,
Shugni, Urdu & Wakhi

EMAIL ADDRESS
afroz.sajwani@akdn.org

WWW
www.akdn.org/ehrc



Web-based ICU bed availability system saving lives in Sri Lanka

ORIGINAL TITLE

An innovative public health e-intervention from Sri Lanka for the developing world in critical care medicine

ORGANIZATION

National Intensive Care Surveillance

COUNTRY

Sri Lanka

LANGUAGE

English

EMAIL ADDRESS

rashan@nicslk.com

WWW

www.nicslk.com

The project has immensely reduced the time taken to search for the closest available ICU beds. Before the system was launched, it usually took more than three hours and consumed valuable clinical time of doctors and nurses and also caused a huge burden and stress for the clinical staff. Failure to find ICU beds even led to death of patients. Now, the closest available ICU beds can be identified within few seconds.

The Sri Lankan Ministry of Health rolled out in April 2012 the National Intensive Care Surveillance which is a web based electronic bed availability system and a critical care registry. It helps to search available ICU beds and maintains a registry with clinical critical care scoring systems. These scoring systems are used for categorisation and prognostication of ICU patients helping resource planning in ICUs, comparing quality of patient care across ICUs, and standardising research in the field of critical care medicine. It also gathers information of ICUs including staffing and available resources which is used for capacity building of critical care personnel and facilitates critical care training for ICU staff by identifying training needs. Currently there are no reported web based intensive care bed availability systems anywhere in the world. Although a few countries have electronic critical care registries, NICS is the first web-based system that also includes an intensive care bed availability system together with a critical care registry. The project has immensely reduced the time taken to search for the closest available ICU beds. Before the system was launched, it usually took more than three hours and consumed valuable clinical time of doctors and nurses and also caused a huge burden and stress for the clinical staff. Failure to find ICU beds even led to death of patients. Now, the closest available ICU beds can be identified within few seconds. This has greatly increased the accessibility of critical care services and saved clinical staff from suffering a huge burden.



State-wide Health Management Information System for Tamil Nadu



In June 2008 the Tamil Nadu government introduced a state-wide Health Management Information System (HMIS) to cover all government health facilities including primary health care centres, secondary hospitals, tertiary care hospitals and medical colleges. The system is designed to operate as a web-based single state-wide health management system. It captures online real time data of all patients availing of government health facilities. A patient is assigned a unique Patient Identification Number (PIN) on first time registration and the patient can henceforth visit any secondary care hospital within Tamil Nadu using the PIN. The patient's entire health record is made available online for easy retrieval by doctors during subsequent visits of the patients. The system also enables the patient to get prescriptions, lab reports, discharge reports and other relevant documents as printouts. Apart from patient records, the HMIS also captures data on various aspects of the health system to provide a comprehensive health management information system that can enable formulation of evidence-based policies and more efficient management of the entire health system in the state. At present, the system has been implemented in all the 1539 PHCs and all the 222 secondary care hospitals in the state.

The system is designed to operate as a web-based single state-wide health management system. It captures online real time data of all patients availing of government health facilities.

ORIGINAL TITLE
Tamil Nadu Health System
Project-Health Management
Information System

ORGANIZATION
Tamil Nadu Health System

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
pdtnhsp@gmail.com

WWW
www.tnhmis.org



e-Inclusion & Accessibility

This category supports and encourages the opportunities to share and promote affordable ICTs that allow PWDs to access information and knowledge, and participate fully in society. It also helps in identifying & understanding the needs of persons with specific disabilities (or combinations of disabilities), and undertaking R&D activities for technologies or devices to empower these PWDs.

Gift of New Abilities

Winner, India

Swaraloka: Adaptive Music Score Trainer for Visually Impaired in Sri Lanka

Winner, Sri Lanka

Blind with Camera

Winner, India

Talk – An Innovative AAC Device for People with Developmental Disabilities

Special Mention, India

SimpleEye: Mobile App for visually impaired

Special Mention, India



Software to convert printed books to Braille books



In January 2011, the Medical Intelligence and Language Engineering (MILE) Lab, Department of Electrical Engineering, Indian Institute of Science developed a versatile software for rapid and efficient conversion of printed books to Braille books for the use of persons with visual disability under a project called "Gift of New Abilities". This user friendly tool using compatible plug-in OCRs for any language has been developed in Java using Eclipse SWT and runs on Linux, Windows and Mac operating systems. At present, OCR plug-ins have been developed for Tamil and Kannada languages. The average time taken for digitizing a page is two seconds. So far, more than 500 Tamil books (school, college, story and general) have been converted by MILE's OCR and delivered as Braille books to hundreds of blind students in Tamil Nadu. The OCR has been installed free of charge in several computers of RCMCT Worth Trust Rehabilitation Centre, Chennai and they have been running it as a service for blind students for the past 4 years. Worth Trust uses the OCR to recognize and convert printed text to Unicode first and then to Braille code and prints them on a Braille printer and gives the Braille book to the requesting blind person. They have also digitized Tamil books for the same cause on behalf of <https://www.bookshare.org/>. MILE has also given the tool to many other similar organizations in Tamil Nadu. Similarly, the Kannada version has been given to some voluntary agencies and individual blind students in Karnataka.

So far, more than 500 Tamil books (school, college, story and general) have been converted by MILE's OCR and delivered as Braille books to hundreds of blind students in Tamil Nadu.

ORIGINAL TITLE
Gift of New Abilities

ORGANIZATION
MILE Laboratory Department of
Electrical Engineering Indian Institute
of Science

COUNTRY
India

LANGUAGE
Tamil & Kannada

EMAIL ADDRESS
ramkiag@ee.iisc.ernet.in

WWW
www.mile.ee.iisc.ernet.in



App to help visually impaired study music notations

ORIGINAL TITLE

Swarālōka: Adaptive Music Score Trainer for Visually Impaired in Sri Lanka

ORGANIZATION

University of Colombo School of Computing

COUNTRY

Sri Lanka

LANGUAGE

English & Sinhala

EMAIL ADDRESS

klj@ucsc.cmb.ac.lk

WWW

www.ucsc.cmb.ac.lk

In November 2013 the University of Colombo School of Computing rolled out an application called Swaraloka which uses an Optical Music Recognition (OMR) sub-system and an output converter to convert printed music notation into audio format to enable visually impaired people to study and experiment on music independently without the assistance of a third party. At present, visually impaired students of music have to depend on the help of others to use the Braille method of reading music notations. Apart from using third party help, the Braille method has many other disadvantages including high cost. Compared to this existing method (Braille), Swaraloka is highly cost effective and time saving. Swaraloka converts standard Eastern music notations used in Sri Lankan context into readable output format with synthesized singing of corresponding Swara and background play of corresponding Thaal enabling visually impaired students to grasp each and every point of the music notation more easily. It also offers many other features such as navigating through the auditory output created in a similar way which a sighted music student is capable when they are using a printed music notation, use of note by note, vibhag by vibhag and row by row navigating options including navigating forward

and backward, generates an audio output with several concurrent audio signal layers to represent or signal the users about ornamentation and vikiriti qualities of music notes/Swara, easily switch between singing mode, speech mode and Saptak assistance mode and so on.

Compared to this existing method (Braille), Swaraloka is highly cost effective and time saving. Swaraloka converts standard Eastern music notations used in Sri Lankan context into readable output format with synthesized singing of corresponding Swara and background play of corresponding Thaal.

Blind With Camera Workshop By Partho Bhowmick



Medical Humanities Group
University College of Medical Sciences
(University)

Enab

S

e-School for teaching photography to visually impaired people



Beyond Sight
Foundation

Since 2006, the Beyond Sight Foundation under its Blind With Camera project has trained over 500 visually impaired persons in photography across India, 30% of whom continue to take pictures independently. Five visually impaired trainees have turned as trainers and they teach photography to other visually impaired and are paid for their services. The foundation started www.blindwithcameraschool.org e-school of photography to help the visually impaired get started with photography by using step-by-step tutorials. The website also offers guidance to sighted photographers to conduct photography workshops with local visually impaired. The e-school is aimed to create a global community where people with visual impairment can learn, enjoy the art of photography and inspire change in society through photography. Pictures coming out of the Blind With Camera project are showcased through inclusively designed exhibitions in India and abroad. Along with normal photographs, the exhibitions offer touch & feel raised pictures, Braille, Large Print, and Audio Description (AD) for visually impaired visitors to access and enjoy the photographs. Since the first public show in February 2007, photographs have reached out to over 50,000 sighted and 2000 visually impaired audience. The foundation also conducts "Blindfold Sensory Photo" workshops for the sighted people, where trained visually impaired photographers are instructors/trainers and they are paid for their services. Blind With Camera is being referred to in several research papers, academic blogs and conferences across world. The project has helped researchers to develop mobile apps to help the visually impaired to take pictures.

ORIGINAL TITLE
Blind with Camera

ORGANIZATION
Beyond Sight Foundation

COUNTRY
India

LANGUAGE
Hindi & English

EMAIL ADDRESS
partho@blindwithcamera.org

WWW
www.ucsc.cmb.ac.lk

The e-school is aimed to create a global community where people with visual impairment can learn, enjoy the art of photography and inspire change in society through photography.



Affordable communication device for people with developmental disabilities

ORIGINAL TITLE

Talk – An Innovative AAC Device for People with Developmental Disabilities

ORGANIZATION

Talk – An Innovative AAC Device for People with Developmental Disabilities

COUNTRY

India

LANGUAGE

English

EMAIL ADDRESS

dilbagi.arsh@gmail.com

WWW

N/A

Arsh Shah Dilbagi, a 16-year-old boy who hails from Panipat has developed a device named 'Talk' that allows people with developmental disabilities to communicate with the help of their breath, which is converted into speech by the device developed by him. This enabled him to make his way to being one of the top 15 Google Science Fair 2014 global finalists. Arsh is the only finalist from Asia this year. The device is a blessing for people who suffer from developmental disabilities such as Locked-In Syndrome and ALS as it enables them to communicate with the help of this device. The device functions by using signals from a person's breath via Morse code and then converting it back into voice. According to Dilbagi, a student of DAV International School, this type of Augmentative and Alternative Communication (AAC) devices available in the market are very expensive, slow, bulky and not generic. So, he decided to find a better solution - an AAC device which is faster, portable and generic and costs only \$80 (Rs 5000), making it affordable to a much larger population. Currently, about 1.4% people in the world, which amounts to a hundred million people, suffer from developmental disabilities and would be benefited from this device. The device is very user-friendly.

The device is a blessing for people who suffer from developmental disabilities such as Locked-In Syndrome and ALS as it enables them to communicate with the help of this device. The device functions by using signals from a person's breath via Morse code and then converting it back into voice.



Braille Typing	Weather
GPS Navigation	Calendar
News	Time
Music	Call Management
Browser *	Messaging
Mail *	Notification
Dictionary *	Calculator
Notes	Lock-Screen

Smartphone app that enables blind to use other apps



Kriyate has developed SimplEye, a smart phone application for the visually impaired. It is an anywhere touch, gesture and audio based accessibility application. SimplEye makes it possible for the blind to use all other smart phone applications with ease. The user only has to make certain gestures on the mobile screen to navigate. The application features a first of its kind Braille typing feature that makes replying to messages and taking notes convenient. The uniqueness of the idea is that it is not just an application performing specific tasks but it is also a launcher for other Android applications to give the end user a complete and tasteful access experience. Currently, the app is under Beta Testing with about 200 users.

ORIGINAL TITLE
SimplEye: Mobile App for
visually impaired

ORGANIZATION
Kriyate Design Solutions Pvt. Ltd.

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
arjun@kriyate.com

WWW
www.kriyate.com

The uniqueness of the idea is that it is not just an application performing specific tasks but it is also a launcher for other Android applications to give the end user a complete and tasteful access experience.



e- Localization

E-inclusion recognizes and encourages those initiatives where digital tools, applications, and information communication technologies are used for making many excluded societies and communities inclusive. It also considers exemplary use of technology for the disadvantaged groups of the community and raises public awareness on digital inclusion. e-localisation is about those applications and initiatives, which use ICT tools to work in the language of the users and communities for example non-English speaking community. Interventions language of the users and communities for example non speaking community.

The Kahani Project

Winner, India

FUEL Project

Winner, India

Hello MP

Special Mention, Bangladesh

THE STORY BOOTH

STORIES, CROWD-SOURCING, CO-CREATION



Enabling visually impaired children
enjoy stories via audio format



The
Kahani
Project

Launched in February 2013, The Kahani (Hindi word for Story) Project aims to enable differently abled children access the world of stories and fairy tales. The key activities of The Kahani Project are (a) crowd-source stories in a digital audio format to create the largest online, CC licensed library of stories in Indian languages that can be accessed from their website; (b) make the library of stories accessible to children and young adults who are at the margins largely due to disability or other socio-economic conditions; and (c) use stories to build values, generate discussion on ethics, morality, rights and civic participation and bring hope and healing to children (particularly children with disabilities). The Kahani Project brings together technology, the Internet, media, storytellers and storytelling to solve the challenge of accessibility and inclusion. Visually impaired children are given MP3 players which they use to listen to stories and discussions about stories. The project also conducts story telling sessions in slums, cafes, and schools. At present, the project runs at the Poona School and Home for Blind Boys (Koregaon Park, Pune) & Poona School and Home for Blind Girls (Kothrud, Pune). So far, about 200 visually impaired children have heard over 300 stories in the past 18 months. The project's website has been accessed from over 75 countries and has an audience of over 20,000 people. Online, the stories uploaded on the website have been heard over 12,000 times. Around 50 students currently have access to the MP3 players. The number will soon go up to 200 students.

ORIGINAL TITLE
The Kahani Project

ORGANIZATION
The Kahani Project

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
editor@thekahaniproject.com

WWW
www.thekahaniproject.org

Visually impaired children are given MP3 players which they use to listen to stories and discussions about stories. The project also conducts story telling sessions in slums, cafes, and schools.

FUEL GILT Conference 2013

The first FUEL GILT Conference was organized by Red Hat and C-DAC GIST in September 2013. Participants in the conference got a chance to meet localization experts working in the industry, and learning sessions were held for localizers who were just starting out. The conference focus was on the democratization of content.

[More details »](#)



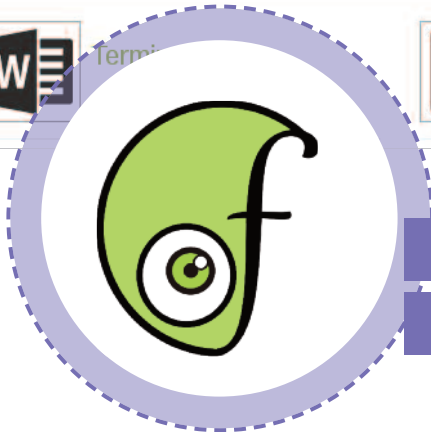
Terminology



Style Guide



Assessment Matrix



**A free resource for standardising
software translation**

ORIGINAL TITLE
FUEL Project

ORGANIZATION
FUEL Project

COUNTRY
India

LANGUAGE
English & Multilingual

EMAIL ADDRESS
cpdhutadmal@gmail.com

WWW
www.fuelproject.org

Launched in July 2008, FUEL is an open source effort that aims to solve the problem of inconsistency and lack of standardisation in software translation across platforms. FUEL provides linguistic and technical resources, such as standardised terminology resources, computer translation style and convention guides, assessment methodologies, complex text-layout rendering references, and translation assessment matrices. FUEL can be adopted by any localized content-generating organization or team that wants to ensure consistently high quality. The approach of FUEL to create linguistic resources is not different from any software development. The uniqueness of the idea behind FUEL is the power of collaborative innovation. FUEL is modular in nature and concentrates on base registers. This makes FUEL citizen-centric, which makes FUEL an ideal solution for e-Governance work. Since its initiation by Red Hat, FUEL has grown into a larger effort. Resources created by FUEL are now used by approximately 40 language communities and many organizations, including C-DAC GIST, Red Hat, and Wikimedia Foundation. FUEL is cited as a reference standard in Best Practices for Localization of e-Gov Applications in India.

FUEL provides linguistic and technical resources, such as standardised terminology resources, computer translation style and convention guides, assessment methodologies, complex text-layout rendering references, and translation assessment matrices.



Video conferencing connects voters to MPs in Bangladesh



The Institute of Informatics and Development (IID), Bangladesh launched the Hello MP project in August 2012 with a view to connect the voters of a constituency to the member of parliament (MP) representing that constituency. Under the project, a video-conference style meeting between the MPs and the voters are organised in between parliamentary sessions where people can directly speak to the MP sidestepping any middleman. A local tele-centre or infomediary, equipped with laptop, mobile-internet, USB speakers, and mobile phone goes to the villages and gathers people on a pre-determined date and sets up the video conference. Skype is used for video communication. Mobile phone calls are used for uninterrupted voice communication, given the poor internet connectivity of some rural and remote areas. The MP sits in front of a laptop with Internet connection and Skype at the parliament house. Citizens make direct communication with the MP in a two way video and audio conference. The project has so far been held in the constituency of Shaghata, Gaibandha district where voters have shared their opinions and concerns to their local MP, Advocate Fazley Rabbi Miah— who is also the Deputy Speaker of Bangladesh Parliament. Till now, MP, Advocate Fazley Rabbi Miah has conducted Hello MP sessions at 24 villages.

ORIGINAL TITLE
Hello MP

ORGANIZATION
Institute of Informatics and
Development (IID)

COUNTRY
Bangladesh

LANGUAGE
Bangla

EMAIL ADDRESS
syeed@iid.org.bd

WWW
www.iid.org.bd/hellomp

Under the project, a video-conference style meeting between the MPs and the voters are organised in between parliamentary sessions where people can directly speak to the MP sidestepping any middleman.



e-News & Journalism

This category recognizes initiatives which encourage production and broadcast of appropriate online, TV and radio products against racism and extremism, as well as strengthens training and education in community media. E-News and journalism strongly encourages efforts of alternative voices and use of alternative mediums. It also expands traditional media into new media and leverages technology as a medium to reach larger masses, offering content in local language and in all form of electronic and digital mediums.

Citizen Matters

Winner, India

Magzter Stay Informed

Winner, India

EnvironmentMove.com

Winner, Bangladesh



Publishing news for and by Bangalore citizens

**Citizen
Matters** .in

Launched in March 2008, Citizen Matters is a Bangalore-based, city-focused, citizen-oriented web-based media platform, covering public affairs, community and culture. It uses a hybrid model of local journalism combining the work of professional and citizen journalists. In many cases news articles or news leads submitted by citizens are further developed by professional journalists. All content is checked for authenticity and accuracy and edited by a professional editorial team. It uses social media for outreach and communication. Its content includes (a) in-depth, investigative and watchdog reporting to highlight violations and scams that adversely affect citizens, environment and governance in the city covering such topics as water crisis, migration, infrastructure, waste management etc., (b) interpretation, analysis and commentary on key governance, legislative, infrastructure and environment topics that impact all citizens, (c) citizen/community information resources, with guides and FAQs, on topics like property, water, electricity, etc. plus community improvement projects, like waste segregation and lake rejuvenation, (d) a citizen forum to share concerns and issues, and (e) in-depth information and analysis on elected representatives, constituencies and candidates during elections together with regular tracking of the work of local MPs, MLAs, Councillors and data on major government projects. The Citizen Matters website receives around 110,000-150,000 monthly visitors of which 90,000-120,000 are unique visitors (2013 average). Most visitors are citizens of Bangalore. Many of the published stories have catalysed citizens into taking action and in several instances the government too has responded positively. A non-profit Oorvani Foundation raises funds from philanthropists and readers to run Citizen Matters.

ORIGINAL TITLE
Citizen Matters

ORGANIZATION
Oorvani Foundation

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
meerak@oorvani.in

WWW
www.citizenmatters.in

It uses a hybrid model of local journalism combining the work of professional and citizen journalists. In many cases news articles or news leads submitted by citizens are further developed by professional journalists. All content is checked for authenticity and accuracy and edited by a professional editorial team.



Featured from your Region [view all](#)



World's largest digital newsstand and magazine store

ORIGINAL TITLE
Magzter Stay Informed

ORGANIZATION
Magzter Inc.

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
girish@magzter.com

WWW
www.magzter.com

Founded in June 2011, Magzter is the world's largest and fastest growing global, digital, multi-platform newsstand and magazine store that digitally delivers over 4500 magazines and books from more than 1500 publishers from 50 countries all over the world to over 21 million readers across the globe. Providing users instant access any time anywhere to diverse content; magazines and books, is Magzter's prime attribute. Users around the world can access the Magzter digital newsstand via its free to download app for iOS, Androids, Windows 8 and on the web through PCs and Macs at www.magzter.com. Today, approximately 750,000 downloads take place every month. Magzter has a presence across the globe - New York, London, Paris, Barcelona, Munich, Amsterdam, Cape Town, and Singapore. Its entire global back-office operations are run out of Chennai. Digital publishing platforms and newsstands are less expensive to setup with no overhead costs, no printing costs and no delivery costs. This is hugely beneficial to small publishers and new authors as also publishers who do not have the capital for a conventional printing setup but want to publish their content. The platform is beneficial to makers of exclusive digital books as well. Magzter's zero upfront fee policy and revenue share model

encourages publishers to opt for the digital route instantly. Its motto is Tap, Read, Enjoy and to do this it uses its proprietary OREY Click Publishing® System which enables one single upload to reach millions of readers across the world.

Magzter is the world's largest and fastest growing global, digital, multi-platform newsstand and magazine store that digitally delivers over 4500 magazines and books from more than 1500 publishers from 50 countries all over the world to over 21 million readers across the globe.



First Bengali environment news portal focusing on Bangladesh



Going live in September 2012, www.environmentmove.com is a web portal that provides organised news and information on environment, nature, wildlife and agriculture with a special focus on Bangladesh. It publishes news items, articles and other content primarily in Bangla or Bengali, the national language of Bangladesh, as also in English. A group of committed and dedicated students of the Department of Soil, Water and Environment of the University of Dhaka launched the project when they found that 2.5 million people out of a total population of 8.4 million in Bangladesh were interested in these topics but there was no source on the Internet that provided organised information on these subjects, especially on local issues, news and events and in the local language Bangla. Apart from creating content and collecting news and information on its own, the editorial team of the website also actively encourages crowd sourcing and citizen journalism to generate content. The website is updated regularly and in less than 2 years has already published more than 2000 articles. According to Google analytics data, over the last one year the website reached over 75000 people with a 33.3% returning rate of visitors. The operations are now entirely self-funded and rely heavily on voluntary work and the owners of the website are looking for investors and sponsors.

ORIGINAL TITLE
EnvironmentMove.com

ORGANIZATION
Environment move Communication

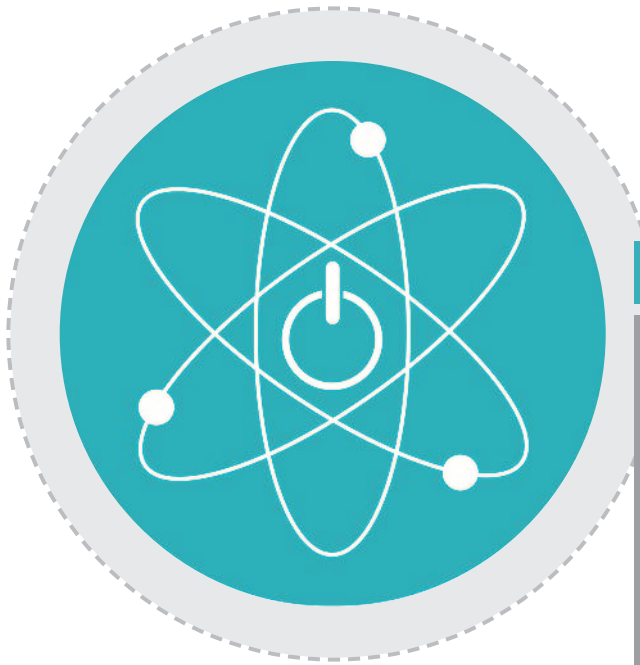
COUNTRY
Bangladesh

LANGUAGE
Bengali & Bangla

EMAIL ADDRESS
tawhidhossain13@gmail.com

WWW
www.environmentmove.com

www.environmentmove.com is a web portal that provides organised news and information on environment, nature, wildlife and agriculture with a special focus on Bangladesh.



e-Science & Technology

This category recognizes the role of science and technology in the innovation process with use of Information Communication Technology applications. It considers scientific projects done using new media, use of ICT applications in the field of science or by Science departments, institutes etc. Wireless application and widespread use of advanced ICT to achieve innovation objectives comes under this category.

"SIYARA" Harbour VTMS

Winner, Sri Lanka

iHelmet

Chairman's Distinction , India



3D visualisation for better vessel traffic monitoring at ports



UNIVERSITY OF COLOMBO
SCHOOL OF COMPUTING

The University of Colombo School of Computing has developed Siyara which is a Vessel Traffic Monitoring System (VTMS) with 3D visualisation. Implemented in Colombo port, which is one of the busiest ports in south Asia, since August 2013, the system enables port authorities to obtain a greatly enhanced situation awareness, especially during bad weather and at night time when Siyara can produce precise three dimensional vessel traffic visualization similar to day time. This leads to a significant reduction in human error and increases the user efficiency with regard to overall traffic management, safety and security issues. Siyara gets vessel data from the AIS signal which is broadcasted by commercial vessels. Non-AIS emitting day-to-day operational boats, and gantry cranes are identified via Android based specially designed and developed sensors. The data is then used to virtually replicate the real harbor environment more precisely than any other VTMS solution. At present, there are two VTMS solutions in the global market with 3D visualization. Both the solutions are extremely expensive compared to Siyara which is being marketed at a much lower price. Moreover, the system has been designed to take care of the specific features of South Asia and Asia Pacific ports and is, therefore, an appropriate and cost effective solution for all other ports in the region.

The system enables port authorities to obtain a greatly enhanced situation awareness, especially during bad weather and at night time when Siyara can produce precise three dimensional vessel traffic visualization similar to day time.

ORIGINAL TITLE
"SIYARA" Harbour VTMS

ORGANIZATION
University of Colombo School of Computing

COUNTRY
Sri Lanka

LANGUAGE
English

EMAIL ADDRESS
kdsandaruwan@gmail.com

WWW
www.siyara.org



Smart helmet to enhance safety of motor cyclists

ORIGINAL TITLE
iHelmet

ORGANIZATION
Chamathkara IT Solutions

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
ganindu100@yahoo.com

WWW
N/A

Sri Lanka based Chamathkara IT Solutions has developed a product called iHelmet which comprises a smart device attached to a regular motor cyclist's helmet and an Android mobile app. The system is designed to provide ordinary motorcycle riders the convenience and safety experienced by high-end automobile drivers. It uses an array of sensors built into the special device attached to the biker's helmet. This device communicates with the user's smart-phone via Bluetooth wireless technology and the custom developed app constantly monitors sensor readings and reacts appropriately to assist the motor cycle rider. The product was initially invented as a high-tech solution designed for army ground forces. But after getting many feedbacks from tech experts and other people, and going through many iterations of refinements, the same core product was modified to suit an ordinary motorcycle rider, as that group seemed to have a greater need for a product of this nature. By the time this product was originally developed in 2013, no competitive products existed in the market. Now the smart helmet named "Skully", which is still under development seems like a potential competitor, but the iHelmet contains many features "Skully" doesn't have including iHelmet's advance mobile app. The cost

of iHelmet is less than 1/10th of "Skully"'s price. The prototype of the product is ready and it will soon be launched in the market.

The system is designed to provide ordinary motorcycle riders the convenience and safety experienced by high-end automobile drivers.



Minority
Cyber-Gram

CIRC
Community Information Resource Centre

eMSME
A NATIONAL PROGRAMME OF DIGITAL EMPOWERMENT FOUNDATION

DISTRICT
PUBLIC LIBRARY
PROGRAMME

gyanPedia
creating learning communities

**DIGITAL LITERACY,
SAFETY & SECURITY**
programme

**NATIONAL
DIGITAL
LITERACY
MISSION**

Digitally Empowering
Marginalised Communities
Khamapari

dkc
digital knowledge centre

Heritage
DIGITALLY ENHANCING
INDIA'S HERITAGE

CR 2.0
CITIZEN RIGHTS 2.0

**CITIZEN
MEDIA
NETWORK**



ICT4D
Publications

neerjaal

**ICTD RESEARCH
Fellowship**

msbc
mobiles for social
& behaviour change

DP Digital Panchayat
Digitally Empowering Village Loknays

**internet
RIGHTS**
Center for Social Empowerment & Sustainable Change

**Soochna
Seva**

**green
prakriya**

**WIRELESS IN
UNLICENSED BAND**

**WIRELESS FOR
COMMUNITIES**

IDAF
Info Development Alternatives Foundation

**SCHOLL
Research**

Participating organisations in National & International Application for Minorities
mBillionth
award south asia

NGO
digitally empowering grassroots organisations



CHANDERIYAAN
Digitally Empowering Communities

**The Manthan
Award** SOUTH ASIA & ASIA PACIFIC
DIGITAL INCLUSION FOR RURAL/URBAN

The eNGO Challenge
Recognising eNGOs Making ICTs

**Mobile
for Good**

**NEW MEDIA
FOR EMPOWERMENT**



e-Women & Empowerment

Even if half the population of any society is women, the voices are never equal. Digital medium and electronic media have provided opportunities for voices of women for their benefit and there are several applications being developed using digital tools and ICT programs that empower women. E-women & empowerment recognises projects and innovations that exclusively targets women and their need and cause and serve them with solutions that solves issues pertinent to women. The category particularly identifies how ICT and digital tools could empower women.

Kanyashree Online 2.0

Winner, India

Maya.com.bd

Winner, Bangladesh



Kanyashree Prakalpa: Department of Women Development and Social Welfare, Government of West Bengal (DWD&SW) is implementing the Kanyashree Prakalpa – a conditional cash transfer scheme with the aim of improving the status and well being of the girl child in West Bengal by incentivizing schooling of all teenage girls and delaying their marriages until the age of 18, the legal age of marriage.

The scheme has two components:

- a. **Annual Scholarship of Rs. 500/- (Rupees Five hundred only).**
- b. **One time Grant of Rs. 25,000/- (Rupees Twenty-five thousand only).**

The Annual Scholarship is for unmarried girls aged 13-18 years enrolled in classes VIII-XII in government recognised regular or equivalent open school or equivalent vocational / technical training course.

The One –time Grant is for girls turned 18 at the time of application, enrolled in government recognised regular or open school/college or pursuing vocational/technical training or sports activity or is an inmate of Home registered under J.J. Act 2000. The girls must turn 18 on or after 1st April 2013.

Both the benefits under the scheme will be given to girls from families with annual family income not more than Rs. 1,00,000 and twenty



E-governance mechanism for Kanyashree scheme in West Bengal

Launched in October 2013, the Kanyashree MIS through the Kanyashree Portal 2.0 has been developed by NIC-West Bengal with the objective of creating an e-governance mechanism for Kanyashree Prakalpa, the unique Conditional Cash Transfer (CCT) scheme for improving the status and well-being of the girl child in West Bengal. The portal facilitates in capturing the data of adolescent girl beneficiaries enrolled in school, college/universities and sanction of their scholarships through a transparent online mode. The sanctioned data is then transferred to the bank for direct benefit transfer to the beneficiaries' account through NEFT mode. It is an end-to-end web based system right from the school level which is the data entry point for registration within the system. The site is https enabled and Salted MD5 encryption for password is used. The generation of digital signatures for all stakeholders is also in process. The online system is user friendly for all types of users. Moreover, beneficiaries can generate the status of their application instantly through the system. The Department of Women and Child Development and Social Welfare in collaboration with NIC-West Bengal is in the process of integrating the Kanyashree portal with the Central Plan Scheme Monitoring System (CPSMS) under the Ministry of Finance, Government of India. So far, the project has enrolled over 1.8 million beneficiaries (age group 13-18 years) who have applied for annual scholarships (K1) among which over 1.6 million have been sanctioned. Similarly, 118654 beneficiaries (age-group 18-19 years) have successfully applied for one-time grant (K2) among which 105695 have been sanctioned till date.

The portal facilitates in capturing the data of adolescent girl beneficiaries enrolled in school, college/universities and sanction of their scholarships through a transparent online mode. The sanctioned data is then transferred to the bank for direct benefit transfer to the beneficiaries' account.

ORIGINAL TITLE
Kanyashree Online 2.0

ORGANIZATION
Department of Women and Child Development and Social Welfare

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
js.wcd-wb@nic.in

WWW
www.wbkanyashree.gov.in



Bangladesh's first and only women's empowerment website

ORIGINAL TITLE
Maya.com.bd

ORGANIZATION
Maya

COUNTRY
Bangladesh

LANGUAGE
English & Bangla

EMAIL ADDRESS
info@maya.com.bd

WWW
www.maya.com.bd

Founded in November 2012, Maya is the first and only website in Bangladesh dedicated to empowering women by bridging online and offline communities by creating user friendly and responsive platforms and disseminating high quality contextualized content on all issues of health, well-being, gender justice and social stigmas. The website, which has content in both English and Bengali, is available to all who have Internet access. At present, however, Maya is primarily serving urban women in Bangladesh who may have better access to Internet and mobile but remain heavily under-served in basic services such as health, legal support and other social challenges such as violence against women. The website has over 1100 localised articles in English which are constantly being updated with local information through research being done by in-house doctors. It also has at present over 600 articles in the country's national language Bangla or Bengali. Work is now going on to make it a Bangla-first site by January 2015. So far, the website has notched up over 1 million page views and has more than 2000 daily visits despite zero advertising. Its interactive Q&A platform Maya Apa has answered over 6000 questions and its Facebook page has over 10,000 fans. A mobile app for accessing the website is scheduled for beta

launch in September 2014. The website has substantial revenue potential through platform syndication, ad monetization and licensing. By 2016, Maya is expecting to generate \$ 8 million a year in revenue.

Maya is the first and only website in Bangladesh dedicated to empowering women by bridging online and offline communities by creating user friendly and responsive platforms and disseminating high quality contextualized content on all issues of health, well-being, gender justice and social stigmas.

Red Rickshaw Revolution

A digital journey into India's villages to empower women

Vodafone Foundation



28 November 2014 - 15 December 2014

An initiative of



Vodafone
Foundation

Implementation partner



Media partner



RUNNERS-UP



e-Agriculture and Ecology

- >> Sxagro
- >> SAFAL



e-Business & Financial Inclusion

- >> UASAR Cleantech Pvt Ltd.



Community Broadcasting

- >> Offeradda.com - Next Generation Offers



e-Culture, Heritage & Tourism

- >> Chutti.pk - Islamic travel city guides
- >> Glorious Bygone



e-Education, Learning & Employment

- >> AllExamsPreparation.com
- >> procurementlearning.org
- >> Edu Squares



e-Entertainment & Games

- >> eTunes
- >> Mathematics with Joy



e-Governance

- >> Mobile Inspection System for Rural Development Works
- >> eXtended Green Node (XGN)
- >> Online Reporting System for Local Governments in Bangladesh
- >> MHADA Lottery Management System



e-Health

- >> Hamari Ladli & Active Tracker
- >> Dengue Sentinel Site Surveillance System
- >> e-AMS: Antimicrobial Stewardship Program
- >> Save The Baby Girl



e-Localization

- >> MediaArts Program
- >> IT Based Computer Aided Design Center for Empowerment of Rural Weavers



e-Science & Technology

- >> TechlaBike
- >> eToilet
- >> Climate Credit Pilot Project (C2P2)



e-Women & Empowerment

- >> SOS – Stay Safe!
- >> Mahila Sishu



Real time pest control benefiting West Bengal farmers

ORIGINAL TITLE
Sxagro

ORGANIZATION
Stesalit Systems Ltd

COUNTRY
India

LANGUAGE
English & Vernacular

EMAIL ADDRESS
Dyutiman.Paul@sxtreo.com

WWW
www.sxagro.com

Stesalit Systems launched in September 2013, a geo-cloud based, knowledge-centric agricultural decision support system called SXagro. Selected and trained farmers operating as pest scouts use a rugged GPS-based handheld Personal Data Assistant (PDA) specially designed and developed indigenously by Stesalit for data acquisition from agriculture fields. The data is then collated, analysed and interpreted by agricultural scientists in real time and the scouts are sent SMS advisories which are then further disseminated to other farmers in the vicinity of these scouts. This has reduced the time taken to collect data and send advisories from more than a month to a few hours resulting in great benefits to farmers. At present, more than 12000 farmers in all blocks of West Bengal are using SXagro who are able to give more than a lakh farmers pest surveillance advisories regularly, leading to much better control of pests, and much improved crop yields.

Helping farmers with real time customised farm advisories



In August 2012, ITC Limited launched SAFAL which uses a web and mobile based system to link small farmers to farm experts for customised crop advisories at every phase of crop growth. Along with extensive data of farmers and farm practices and images captured through a network of field monitors, the solution integrates data from RS & GIS based soil fertility maps and weather forecasts for providing timely and personalized crop advisories through an IVR system. This integrated solution from data capture to real time customised farm advisories provides an excellent platform to agri-business organizations to build robust backward integration platform through effective inclusion of small farmers into the supply chain. At present ITC is helping more than 1000 farmers in its spices business division and more than 10,000 farmers spread across Andhra Pradesh and Karnataka in its tobacco division with this solution.

ORIGINAL TITLE
SAFAL

ORGANIZATION
ITC Limited

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
praneeth.k@itc.in

WWW
www.itcportal.com



Online platform for collecting and recycling household waste

ORIGINAL TITLE
ASAR Cleantech Pvt Ltd.

ORGANIZATION
Asar CleanTech Pvt. Ltd.

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
anuragasati124@yahoo.com

WWW
www.thekabadiwala.com

ASAR Cleantech Pvt Ltd launched the www.thekabadiwala.com in February 2013 with the objective of connecting people in urban areas with kabadiwalas (waste collectors) through its online platform and help get rid of waste. Users who want to get a kabadiwala to come pick up scrap have to just fill out a request form on the site. This includes personal details as well as the kind of waste that needs to be picked up and the estimated weight it would be. Once the request is received, the Kabadiwala team sends out their in-house collectors to gather the scrap from the particular location. Kinds of scrap that the Kabadiwala team picks up include aluminium, batteries, computers, newspapers, plastics, polythene and more. They have fixed rates per kilo of scrap collected. The highest amount is paid for copper at Rs 275/Kg. Once the waste is collected from different areas, it is then sent to a centralised storehouse and the waste is segregated according to the category they fall under. So far, the start-up has received over 500 requests most of which are from Delhi and Bhopal. As the team is currently physically operating only in Bhopal it has handled all requests from that city.

Website for fostering a community of bargain hunters



Offeradda is an online community of bargain hunters who track down the top deals and coupons and share them with each other online at this website. By simply signing in to Offeradda.com, shoppers not only have access to thousands of deals and coupons posted by the community, but they are able to customize the way they browse, "plus" their favorite deals, follow their favorite brands, and even subscribe to e-mail alerts for their favorite stores and save money. Offeradda is a platform for all savvy shoppers facilitating them to browse deals and offers from over thousands of sellers and merchants. This combine with high-end tools and a team of experts, Offeradda, connect shoppers to products and service being offered by prominent merchants as well as local but reliable sellers.

ORIGINAL TITLE
Offeradda.com - Next Generation Offers

ORGANIZATION
Digital Webwise

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
sagar@offeradda.com

WWW
www.offeradda.com



Online travel guide for Muslim travelers

ORIGINAL TITLE

Chutti.pk - Islamic travel city guides

ORGANIZATION

Chutti.pk

COUNTRY

Pakistan

LANGUAGE

English

EMAIL ADDRESS

ahmad@irhal.com

WWW

www.chutti.pk

Pakistan-based Chutti.pk is a website and soon to be launched mobile app aimed at Muslim travelers. It has city guides for more than 90 cities which include traditional travel information - tourist attractions, hotels, shopping, etc. - but also has information for the Muslim traveler such as Halal restaurants, mosque locations and prayer timings for each city. It aims to make life easier for the Muslim traveler. Chutti.pk is a curated guide where we select the top tourist attractions and it is a family friendly guide which helps the tourist feel comfortable as he knows where to find a Halal restaurant when he is near the Louvre in Paris or near the Museum of Modern Art in New York. The website currently has about 100,000 users from Pakistan and the number should go up once the mobile app is released.

Users provide content on crowd sourced travel website



Sri Lanka based Glorious Bygone is a crowd sourcing platform with a state of the art web-based mobile friendly interface. It is accessible via www.gloriousbygone.com and it allows users to add details about places they are aware of. In return they are entitled to win cash rewards via TipTheWeb (www.tiptheweb.org) from other users. Users can discuss about the place, share places among their friends, relatives, colleagues, etc. using the popular social media platforms of their choice. The system is built around several stakeholders, of which the main stakeholders would be the cultural tourists. The others include archeologists, researchers, students, tour operators, hoteliers, shop owners, etc. Currently the website is enriched with the details of a large number of hidden wonders scattered across Sri Lanka including 100 museums, 33 peraheras, historical irrigations, religious places, status, etc. The number of places and authors grow day by day. Once the pilot run in Sri Lanka is completed, the coverage will be extended to the rest of the world.

ORIGINAL TITLE

Glorious Bygone

ORGANIZATION

Glorious Bygone (Pvt) Ltd.

COUNTRY

Sri Lanka

LANGUAGE

English

EMAIL ADDRESS

sanjurat@yahoo.com

WWW

www.gloriousbygone.com



Website for those preparing for Bangladesh Civil Service examinations

ORIGINAL TITLE
AllExamsPreparation.com

ORGANIZATION
SphuronLabs

COUNTRY
Bangladesh

LANGUAGE
Bangla & English

EMAIL ADDRESS
mizan.sphuron@gmail.com

WWW
www.AllExamsPreparation.com

AllExamsPreparation.com is a startup focused on providing all material needed to prepare for various national-level job-oriented examinations in Bangladesh. So far it has launched BCSPreparation.com for candidates preparing for the Bangladesh Civil Services examination. The site provides access to study materials, real time online model test with different statistics and preparation with question sets of previous BCS examinations. BCSPreparation.com has been launched in January 2014 as a pilot project and it has already got over 51000 fans on Facebook and more than 200 paid users. Two more websites called JobsPreparation.com and VarsityPreparations.com will be launched soon. JobsPreparation.com will be targeted at professionals who are interested in preparing for different exams in the corporate sector. Similarly, VarsityPreparation.com will be dedicated to students who are going to appear for entrance examinations for different institutes after completing their higher secondary certification. All the sites offer content in Bangla or Bengali which is the national language of Bangladesh.

World Bank website offering courses in public procurement



The World Bank in collaboration with partner institutions of the Charter for Public Procurement Studies has launched a portal www.procurementlearning.org to help capacity building in public procurement. The portal already offers a range of courses in public procurement. These are: Certificate Program in Public Procurement (CPPP), Professional Diploma in Public Procurement (PDPP) and Certificate Program in Contract Management (CPCM). The CPPP is the first ever, free procurement certificate delivered as Massive Open Online Course (MOOC). CPPP was launched in March 2014 during the Second South Asia Regional Procurement Conference at Islamabad, Pakistan. The PDPP is a country-specific public procurement course. It was launched in India in August 2014. The program is designed to enable learners to become familiar with advanced principles & good practices in public procurement and excel in the Indian public procurement systems. Country-specific PDPP variants to cater to public procurement officers of other South Asian countries will be launched shortly. Since its launch, more than 14,000 professionals have visited the portal and 3800 members have registered for various programs and activities. The portal has a geographic user distribution of over 100 countries.

ORIGINAL TITLE
procurementlearning.org

ORGANIZATION
The World Bank

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
kalesh@worldbank.org

WWW
www.procurementlearning.org



Low cost management modules for education service providers

ORIGINAL TITLE
Edu Squares

ORGANIZATION
ConceptWaves Software Solutions Pvt. Ltd.

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
raghu@conceptwaves.com

WWW
www.conceptwaves.com

Launched in December 2009, Edu Squares is a cloud based platform for managing any educational institution. It offers some 24 different modules such as Sales, Admissions, Fee Handling, Expenses, Operations, Attendance, Question Bank, Assessments and so on for ICT-enabled management of different aspects of the activities of any education service provider. The service provider has to pay on a pay per student basis and opt for any mix of modules it wants to use. There is no need to invest on hardware or software as the modules can be customised to meet the specific needs of the service provider. More than 400 government schools, several leading coaching centre chains and many NGOs are currently using the platform.

A legal digital media music channel for Bangladesh



Bangladesh based SSL Wireless launched in July 2013 eTunes which is an online music distribution channel. eTunes provides high quality mp3 musical content with preview facility for music lovers. Users can easily purchase his/her desired song using debit or credit cards. The channel also provides purchase option through mobile phone airtime. The music industry of Bangladesh is today under threat by cyber pirates who copy and make music available for free to download from many different websites without any consent from the artists. eTunes is a one stop music solution for singers, composers, lyricists and music lovers as it aims to empower all the stakeholders related to the music industry by establishing a transparent means of music distribution through digital media while satisfying the thirst of music lovers by introducing quality songs of different genres. eTunes provides clear real time sales reports to all the stakeholders.

ORIGINAL TITLE
eTunes

ORGANIZATION
SSL Wireless

COUNTRY
Bangladesh

LANGUAGE
English

EMAIL ADDRESS
ashish@sslwireless.com

WWW
www.etunes.com.bd



Computer game to teach maths to Sri Lanka kids

ORIGINAL TITLE

Mathematics with Joy (Ganithaya Ha Sathuta)

ORGANIZATION

Gamos Technology Solutions (GTS)

COUNTRY

Sri Lanka

LANGUAGE

English & Sinhala

EMAIL ADDRESS

gihan.fernando@gtslk.com

WWW

www.games.lk

Sri Lanka based Gamos Technology Solutions (GTS) launched in January 2014 the Maths is Fun game series. It is a Windows/Mac game for PCs that seeks to teach kids in Sri Lanka mathematics so that they would be able to pass the competitive scholarship exam held island-wide for Grade 5 students. There is also an Android version for smart phones. The game is being used island-wide by a wide spectrum of users, in urban areas as well as rural areas by those who have access to computers. It provides an alternative method for kids to learn maths without having to spend money on tuition classes.

Online implementation of environmental laws and clearances



Extended Green Node (XGN), a web-based application, was developed and implemented by NIC (National Informatics Center) in June 2008 for the Gujarat Pollution Control Board (GPCB) as part of an e-governance initiative to provide an IT-solution aiding the GPCB in effective and qualitative implementation of environmental laws for air, water and hazardous waste including rules for management of plastic, bio-medical and municipal waste etc. The core of XGN lies in providing hassle free, 24 X 7 anywhere e-access to businesses through unique ID to perform GPCB related various activities like making online applications, its tracking, filing returns and statements prescribed under the acts/rules and to obtain the online permissions and other communications from GPCB as well as to facilitate reuse/recycle of wastes. It has proved instrumental in bringing about effective implementation of environmental legislations leading to rapid continual improvement of environmental performance especially of small businesses. The same application has now been adapted and implemented in seven other states in India.

ORIGINAL TITLE
eXtended Green Node (XGN)

ORGANIZATION
Gujarat Pollution Control Board

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
ps-c-gpcb@gujarat.gov.in

WWW
www.gpcbngn.gujarat.gov.in



Mobile app ensures proper inspection of public works

ORIGINAL TITLE
Mobile Inspection System for Rural Development Works

ORGANIZATION
District Panchayat

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
ddo-sab@gujarat.gov.in

WWW
www.sabarkanthadp.gujarat.gov.in

Since September 2013 the District Panchayat, Sabarkantha, Gujarat and the District Rural Development Agency (DRDA) has been using an Android based mobile inspection system for rural development works. Before the system was introduced, block level officers and district level officers were dependant on manual reports sent by field officers. There was no way to verify the authenticity of the data. After implementation of the new system the authorities are able to ensure that all public works are properly inspected before making payments to contractors. This has reduced corruption and brought in greater accountability. At present all 13 blocks in the district are using the system. The monitoring officers enter the works to be inspected in the web backend and the assigned inspecting officers use the tablets for filling up the details of inspection which includes photos and videos. The application automatically locks in the GPS location of the work.

Online MIS to monitor water, sanitation projects in Bangladesh



The Hygiene Sanitation and Water Fund Project (HYSAWA) is a not for profit organisation registered in Bangladesh and mandated by the Government of Bangladesh to establish a transparent financing mechanism for decentralised hygiene promotion, sanitation and water supply service provision through local government institutions which in the case of Bangladesh are known as Union Parishads (UPs). Till recently HYSAWA had to cope with the problem of compiling monthly reports on the progress of various projects being implemented by the UPs together with financial reports. Every month it had to deal with reports from 500 Union Parishads in hard copy format and it was a huge task to compile an overall picture from these reports in a timely manner. Since 2013, however, HYSAWA has introduced an online monitoring and reporting system for generating such reports by UPs which is known as the HYSAWA Online MIS. As a result, HYSAWA authorities can now see live updates and auto compiled progress reports according to month, union, upazila, district and can also compare the whole project's progress over time.

ORIGINAL TITLE
Online Reporting System for Local Governments in Bangladesh

ORGANIZATION
HYSAWA Fund

COUNTRY
Bangladesh

LANGUAGE
English

EMAIL ADDRESS
nurul.osman@gmail.com

WWW
www.hysawa.org



MHADA goes online, makes lottery for flats transparent

ORIGINAL TITLE
MHADA Lottery Management System

ORGANIZATION
Maharashtra Housing and Area Development Authority (MHADA)

COUNTRY
India

LANGUAGE
English & Marathi

EMAIL ADDRESS
nksudhansu@gmail.com

WWW
www.lottery.mhada.gov.in

Maharashtra Housing and Area Development Board (MHADA) provides affordable housing to families belonging to various income groups through its regional boards based at Pune, Nagpur, Aurangabad, Amravati, Nashik. There are several schemes under which such flats are constructed and sold. Applications are invited from citizens and allotment of apartments to eligible applicants is done through a lottery. In 2014, MHADA implemented a web-based ICT application for accepting applications and conducting the lottery in a transparent and fair way. The entire process of lottery from application entry to submission, payment of fees, lottery draw and final allocation has been entirely computerised and made online. This has enabled MHADA to offer flexible and convenient 24x7 access to citizens through the Internet, real time information to citizens with respect to application status, conducting the lottery within 2 weeks of closure/last date and refunds within 12 days through ECS. Through call centres, SMS and e-mails, MHADA has also been able to establish direct communication with the applicants.

Web-based system curbing female foeticide in Gwalior district



Gwalior became the first district in Madhya Pradesh to implement an ICT-enabled system to prevent female foeticide. Since June 2012 the District Magistrate's office has implemented the Hamari Ladli Online Software and the Active Tracker device to prevent use of sonography to detect gender of foetus and carry out female foeticide. The Hamari Ladli software connects all registered sonography centres with the district administration enabling the authorities to track all cases of pregnancies. The Active Tracker device is connected to the sonography machine of each registered centre and it continually records each and every image of the sonography monitor and stores them in the hard drive of the Active Tracker securely. This data can be accessed only by the appropriate authorities through external software for data copying and server based software for data decryption. The project has been successfully implemented in 93 registered centers and 103 sonography machines in the district.

ORIGINAL TITLE
Hamari Ladli & Active Tracker

ORGANIZATION
District Collector, Gwalior

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
girishlad@aol.com

WWW
www.hamariladli.org



Sri Lanka web-based alert system strengthens Dengue prevention

ORIGINAL TITLE
Dengue Sentinel Site Surveillance
System

ORGANIZATION
Epidemiology Unit

COUNTRY
Sri Lanka

LANGUAGE
English

EMAIL ADDRESS
lasanthalianage@ymail.com

WWW
www.Dengue.epid.gov.lk

: Since November 2013, the Ministry of Health of the Government of Sri Lanka has implemented the Dengue Sentinel Site Surveillance project, which is a web based dengue alert system. The system seeks to collect data on dengue suspected patients and make it available for analysis and preventive action with minimum delay. The ministry has identified 51 sentinel sites throughout the island. The data collected in the morning are fed in the evening into the system. Therefore, when a patient arrives at a hospital, the person's data becomes available in the system the same day, and the local authorities are able to initiate prevention and control measures immediately. This hospital level analysis of data on real time basis was not possible in the earlier paper-based system. In 2014, till 23rd July, the system reported 21600 cases from only 51 sentinel hospitals whereas routine surveillance from all government and private hospitals reported only 22800 cases. This shows the effectiveness of the system.

Mobile app to help doctors prescribe appropriate antimicrobials



The Antimicrobial Stewardship Programme was launched by MSD Pharmaceuticals in collaboration with hospital doctors to develop an antimicrobial protocol for each hospital with a view to help doctors prescribe appropriate antimicrobials to patients from the very first dose. Earlier the protocol based on non-digitised information was made available as printed booklets. Since February 2014, MSD has implemented a system of digitised data collection to make available the antimicrobial protocol for each hospital through a mobile application that doctors can easily consult when prescribing. Doctors can now get the empiric choice of drug in three clicks just by selecting the Indication, Patient type (Type 1, 2, 3) and the Placement of the patient (ICU/WARD/OPD).

ORIGINAL TITLE
e-AMS: Antimicrobial Stewardship
Program

ORGANIZATION
MSD Pharmaceuticals Pvt Ltd

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
arpita.r.gosalia@merck.com

WWW
www.merck.com



Web-based system curbing female foeticide in Indore district

ORIGINAL TITLE
Save The Baby Girl

ORGANIZATION
District Collectorate Indore

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
akashtripathi1975@gmail.com

WWW
www.pndtindore.org

Indore is a district in Madhya Pradesh which has implemented an ICT-enabled system to prevent female foeticide. Since June 2012 the District Magistrate's office has implemented the Save the Baby Girl Online Software and the Active Tracker device to prevent use of sonography to detect gender of foetus and carry out female foeticide. The Save the Baby Girl software connects all registered sonography centres with the district administration enabling the authorities to track all cases of pregnancies. The Active Tracker device is connected to the sonography machine of each registered centre and it continually records each and every image of the sonography monitor and stores them in the hard drive of the Active Tracker securely. This data can be accessed only by the appropriate authorities through external software for data copying and server based software for data decryption. The project has been successfully implemented in 318 sonography machines in the district.

Children using media to expressing themselves and learn



The Agastya MediaArts Program aims to augment Agastya International Foundation's mission of sparking curiosity and nurturing creativity among economically underprivileged children of India. Launched in August 2011, the program selects over hundred children from six schools every year and enables each child to get 11 interactions with the MediaArts lab team during an academic year. Children are grouped into teams and are encouraged to choose a stream (Image, Video and Audio) to work on. At the end of the module the teams have to present their 'expressions' which they evolved through various learning exposures like Photo series, illustrated story books, radio programmes, audio books, fiction and non-fiction films. Activities are organized in such a way that they enhance children's comprehension on media and its tools in a progressive manner. For example, a child interested in photography is exposed to the ideas of light theory, image capturing techniques and then camera operation. The program is designed to make the learning holistic and aims to accentuate curiosity at every possible level for the child. Since 2011, the program has interacted and impacted more than 1500 children, 20 teachers and 5 community centers from 40 villages in and around Kup-pam, Andhra Pradesh.

ORIGINAL TITLE
MediaArts Program

ORGANIZATION
Agastya International Foundation

COUNTRY
India

LANGUAGE
Telugu, Tamil & Kannada

EMAIL ADDRESS
info@agastya.org

WWW
www.agastya.org



Simple ICT-based design tools upgrade skills of weavers

ORIGINAL TITLE

IT Based Computer Aided Design Center for Empowerment of Rural Weavers

ORGANIZATION

Centre for Development of Advanced Computing (C-DAC), Kolkata

COUNTRY

India

LANGUAGE

English, Hindi & Assamese

EMAIL ADDRESS

goutam.saha@cdac.in

WWW

www.cdac.in/index.aspx?id=st_ict_ICT_socialwelfare

The Centre for Development of Advanced Computing, Kolkata established a Computer Aided Design (CAD) Centre in July 2010 to train master weavers and upgrade the skills of weavers/artisans in Tripura, Assam and Arunachal Pradesh in using state-of-the art IT-based tools & techniques using simplest methodology for IT-based design development and deployment for carpet, handloom and handicraft products. Recognising that designing software available in the market are too expensive and cannot be used by common weavers/artisans because they contain far too many menus, sub-menus, tools etc., C-DAC, Kolkata developed simple IT-based design tools that could be used without extensive knowledge of using computers. It trained selected weavers as master weavers in basic ICT-based design tools and use of PCs in their local vernacular language so that they could in turn teach other weavers. The project has so far trained 22 master weavers in Naharlagun, Arunachal Pradesh, 25 master weavers in Agartala, Tripura and 25 master weavers in Mushalpur, Assam. These beneficiaries are now imparting training to other weavers/artisans in their respective states.

Bike riders teaching science in government schools



Not for profit Agastya International Foundation launched in May 2014 the TECHLABIKE project. The TechlaBike is a bike (Yamaha Crux model) driven by Agastya's instructor who is equipped with Agastya's hands-on low-cost science models, a laptop, data card, and a portable projector. Ideal for Class 7 students, each TechlaBike visits about 18-20 schools for about 10 times in a span of one academic year. Each bike can impact over 7200 students through direct contact in one year. An additional 5000 students are reached through science fairs. Each 4-5 hour session comprises two components – a science session using Agastya's hands-on models for children and teachers and a digital literacy session emphasizing web/internet services for both children and teachers. The project has been implemented in Haryana since the last week of May 2014 and impacted approximately 1000 children and 30 teachers in a matter of two weeks after the end of the summer vacation.

ORIGINAL TITLE

TechlaBike

ORGANIZATION

Agastya International Foundation

COUNTRY

India

LANGUAGE

English, Hindi & Kannada

EMAIL ADDRESS

agastyaaadmin@gmail.com

WWW

www.agastya.org



Fully automated public toilets need no manual cleaning

ORIGINAL TITLE
eToilet

ORGANIZATION
Eram Scientific Solutions Pvt. Ltd

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
riajohn@eramscientific.com

WWW
www.eramscientific.com

In 2012, Kerala-based Eram Scientific Solutions Pvt. Ltd launched an automated public toilet based on sensor technology. The product brand named eToilet is a modular, pre-fabricated public toilet made of steel and is integrated with user-friendly electronic interfaces, to ensure cleanliness and hygiene to every user. Unmanned and automated, eToilets have remote monitoring capabilities and its health status can be tracked over the web. The toilets are easy to install, consume less water, power efficient and have automatic flushing and floor washing so that no manual cleaning and maintenance is required. The toilets also have onsite waste treatment facility using anaerobic biodegradation. Entry is coin operated or can be free. So far, Eram has installed over 500 eToilets covering more than 10 states in India and has recorded a total usage by 391656 people.

Mobile app monitors clean stove usage in rural kitchens



Rural households are often reluctant to adopt clean energy cook stoves as these are expensive compared to their traditional counterparts which are practically free in rural settings. To help incentivise adoption of improved stoves in rural kitchens, The Energy and Resources Institute (TERI) in partnership with Nexleaf Analytics, Project Surya and Qualcomm Wireless Reach has developed SootSwap (Swap soot with carbon credits) which is a smart mobile application. Since it is expensive to collect real time field data on usage of clean stoves, SootSwap was developed as a temperature sensor assembly based on an android application that tracks and stores stove usage data and uploads it wirelessly to project servers thus reducing the need for frequent visits to the field. In addition, it causes little disruption to the participant's cooking activities. The application enables the project team to remotely monitor usage of improved cook stoves deployed in rural kitchens and accurately determine the corresponding amount of money (carbon credits) earned by each women end user. The earned money can then pay for the EMI for buying the stove. The project is still in pilot stage.

ORIGINAL TITLE
Climate Credit Pilot Project (C2P2)

ORGANIZATION
The Energy and Resources Institute

COUNTRY
India

LANGUAGE
English

EMAIL ADDRESS
omkarpatange@gmail.com

WWW
www.cleancooking.org



When in danger, shake mobile to send SOS

ORIGINAL TITLE

SOS – Stay Safe!

ORGANIZATION

Extentia Information Technology

COUNTRY

India

LANGUAGE

English

EMAIL ADDRESS

omal.Khilmnani@extentia.com

WWW

www.extentia.com

Launched in April 2013, SOS – Stay Safe! is a personal safety mobile application that empowers you against acts of violence, and helps summon aid in an emergency. It lets you send out SOS alerts to friends and family quickly, as soon as you sense danger. The alert is triggered by shaking your mobile device using a customizable shake limit, or by clicking the power button of the device 3 times quickly. When triggered the application automatically sends an emergency message, the user's location, device battery level, and a recorded audio clip of the situation to chosen contacts. The inconspicuous shake gesture and power button click action allows the user to send the alert discreetly without raising any suspicion. The GPS tracking helps recipients track the SOS sender if the person is being moved to a different location against his or her will.

Integrated e-governance app for women and child schemes



Rollled out in October 2013, the Mahila-Sishu project is a single mobile phone application that integrates all women and child related applications as a one-stop solution. The portal has been developed by NIC as an integration of three departments, namely Rural Development, Women and Child Development and Health. The application enables information to be captured by field workers working in any of the three roles of Village Organisation (VO) or Auxiliary Nurse & Midwives (ANM) or Anganwadi Workers (AWW) through one-time registration for a single beneficiary avoiding registration at three places. It is being used in Andhra Pradesh & Telangana.

ORIGINAL TITLE

Mahila Sishu

ORGANIZATION

**National Informatics Centre,
Hyderabad**

COUNTRY

India

LANGUAGE

English & Telugu

EMAIL ADDRESS

sekhar@nic.in

WWW

www.nadrgis1.nic.in/mahila

Manthan Grand Jury Members 2014



Amir Ullah Khan, Senior Policy Advisor, Bill and Melinda Gates Foundation

Amir Ullah Khan is a development economist and a senior policy advisor to the Bill and Melinda Gates Foundation. He is an Electronics and Communication Engineer from Osmania University. He studied at the Institute of Rural Management Anand and has a PhD in Economics and Business Studies from the Jamia Millia University. He has worked as Researcher for the Ministry of Finance, Government of India and the UNDP at Project LARGE (Legal Adjustments and Reforms for Globalising the Economy). He then was Academic Head at the Indian School of Finance and Management, after which he worked with Encyclopædia Britannica as executive director and editor.



Rajen Varada, CEO, Open Knowledge Community

Rajen Varada is an ICT practitioner since 1995 and continues to be actively engaged in designing and implementing proof of concept solutions for rural development using technology and in particular ICT. He has developed solutions for health & early childhood care: (Sisu Samrakshak UNICEF), disaster: (SMS4help – Solution Exchange), district e-governance: (Parishkaram & Samadhan – Govt of AP& West Bengal) and most recently 'Labnet' a migrant labour tracking and services portal. He is actively involved for the past nine years in study, evaluation and mentoring ICT innovations which impact the social sector. Rajen has been one of the thinkers behind movements like public sector software in India and actively support community ownership of technology – from community radio, community TV to open source applications.



Meeta W Sengupta, Founder, Centre for Education Strategy

Meeta Sengupta works at the cusp of policy and practice across the education and skills spectrum and enjoys sharing her gleanings via her writing for a wider audience. She has been an investment banker, a researcher, an editor, a teacher and school leader across continents. Currently, Meeta is founder of the Centre for Education Strategy, a Delhi based think tank that builds bridges between policy and practice for educators, educationists and Institutions. She has been the Senior Advisor, Centre for Civil Society. She is a member of the FICCI (Federation of Indian Chambers of Commerce and Industry) Skills Development Forum. She is the member Education Expert on the National Council of NISA (National Independent Schools Alliance) that represents over 6000 budget schools. Meeta is the founder of #EduIn, an online discussion that brings hundreds of participants together every month, in an organised discussion on key education issues. Meeta is on the India Advisory Board of STIR Education that gathers micro-innovations in low cost classrooms. She regularly speaks at events – both as a keynote speaker and moderator.



C Babu Joseph, Executive Trustee & CEO, Axis Bank Foundation

Mr. C. Babu Joseph is the Executive Trustee and CEO of Axis Bank Foundation. He is a post graduate in Agriculture with specialisation in Horticulture. He is also a Certified Associate of the Indian Institute of Bankers.

He started his career as an Assistant Professor in the Kerala Agricultural University and in 1979 joined State Bank of Travancore, as a Probationary Officer. In June 1995, he moved to UTI Bank (subsequently renamed as Axis Bank) and worked at their Bangalore, Ahmedabad, Basaweshwaranagar and Hyderabad branches. On his promotion as Senior Vice President, he was in charge of Small and Medium Enterprises and Agri Business at the corporate office. He was later made President of the Advances Department that handled Small and Medium Enterprises and Agri Business, Microfinance and the Rural Initiative of the Bank. He moved to Axis Bank Foundation in June 2010.



Soumya Sarkar, National Editor, Mint

A Soumya Sarkar is National Editor in Mint, a sister publication of the Hindustan Times published in partnership with the Wall Street Journal. He has been working in Media and Communications for over two decades and was previously with The Times of India, The Indian Express Group, the Telegraph and the Down to Earth magazine. He has also worked as development and communications consultant with organizations that include the World Bank and the Aga Khan Development Network.



Moe Chiba, Programme Specialist for Culture-UNESCO

Moe Chiba, Chief and Programme Specialist for Culture at UNESCO (United Nations Educational, Scientific and Cultural Organization) has been appointed since August 2006 to coordinate the Culture Sector of UNESCO New Delhi Office for Bhutan, India, Maldives and Sri Lanka. She looks after programmes on World Heritage Sites, Intangible Cultural Heritage, Cultural Industries and Heritage Tourism among others. In 2011, while on sabbatical leave from UNESCO, Chiba worked and travelled to several parts of India and South Asia to gain understanding on the grass-root reality of, and to explore the possibility of introducing culture-based development.



Suresh Reddy, Director, SRF Foundation

Suresh Reddy took his Ph. D. in Public Administration from SV University, Tirupati (India) in 1995. Having nearly 18 years of programming experience in school education, teaching and research, he has worked for Byrraju Foundation, Hyderabad; Dr. Reddy's Foundation, Hyderabad; CARE India, New Delhi; State Council of Educational Research and Training (SCERT) and District Institute of Education and Training (DIET), New Delhi. His areas of interest include School Education, ICT in Education, Child Labor and Rural Development.



Amina Charania, Program Officer, Sir Dorabji Tata and Allied Trusts

Dr. Amina Charania (aminasachin@gmail.com) is currently working with Sir Dorabji Tata Trusts in India as Senior Program Officer in the education portfolio. Her role is to design, recommend and manage education projects in the area of improving quality of education at elementary and out of school adolescents.

She initiated a program called Integrated approach to Technology in Education (ITE) in rural and urban slum. This program echoes the TPACK model and aims to improve learning process, interest and inculcate authentic, analytical, digital citizenship and other 21st century skills in adolescents. Link to this program concept and pilot can be found at http://www.dorabjitatatrust.org/pdf/ITE_Note.pdf This program is spread across 12 projects in India and involves about 10,000 children and adolescents. Prior to associating with the Trust in India, she worked in Iowa State University Center for Technology in Learning and Teaching as on the evaluation team of the federal grant on Teacher Education Goes into Virtual Schooling (TEGIVS). Currently she is part of the core team at the Trust- Tata-MIT potential tech enabled project for high school students in India, and recently joined as a team member for the paper in process at UNESCO Institute for Statistics on ICT in school indicators.



Ankit Vengurlekar, Gadgetwala - TechGuru

Ankit Vengurlekar is the Anchor of award winning Technology Shows – Tech Guru and Tech Toyz (now SWITCH) on Network 18. He is also a Photographer, Trained Chef, Yoga teacher and River Rafting enthusiast. He won NT award 2012, 2011 and 2010 for Best technology show in Hindi for Tech Guru. Tech Toyz, on CNBC TV18 won the NT award for Best Technology show in English. Tech Guru Marathi, on IBN Lokmat won the best youth show award from Maharashtra Times in 2010.



Chat Garcia Ramilo, Project Leader, APC Women's Programme Manager, Manila

Chat Garcia Ramilo is a Filipino national residing in the Philippines. She has been specializing in gender, information and communication technology and women's electronic networking for the last eight years. Ms Ramilo is involved in local, regional and global initiatives and work as the Global Manager of the Association for Progressive Communications Women's Networking Support Programme's (APC WNSP) Gender Evaluation Methodology (GEM) project. Ms Ramilo is also the Coordinator of the Asia-Pacific WNSP Network. She worked as a gender and ICT consultant for United Nations Development Fund for Women (UNIFEM), United Nations Economic and Social Council for Asia and Pacific (UNESCAP) and Canadian International Development Agency (CIDA). Ms Ramilo is also a Board Member of the Association for Women's Rights in Development (AWID), a global network of people and organizations dedicated to achieving gender equality, sustainable development and women's rights around the world that reaches 80 countries worldwide.



Francisco J. Proenza, Agricultural Economist & Visiting professor Information communication technology UPF, Barcelona

Francisco J. Proenza is an authority on rural access to information and communication technologies and ICT applications for poverty reduction. After a 35-year career working in over 40 countries as Economist for international development agencies (Food and Agriculture Organization of UN, World Bank, Inter-American Development Bank, African Development Bank, International Fund for Agricultural Development, UNDP), he joined academia to Direct the Amy Mahan Research Fellowship Program to Assess the Impact of Public Access to ICT (www.upf.edu/amymahan). Dr. Proenza is presently visiting professor of information and communication technology at Universitat Pompeu Fabra, Barcelona (UPF).

He was responsible for managing all program activities including the selection of grantees and ensuring that grantees received timely mentoring support. (Details available in interim technical report covering the selection of grantees and final report on research activities <http://www.upf.edu/amymahan/programreports/>).

Mr. Francisco is also Visiting Professor, and teaches courses in Information and Communication Technology for Development at the undergraduate level for the Department of Political and Social Sciences, UPF, and at the Masters level for the Institut Barcelona d'Estudis Internacionals (IBEI).



Ms. Archana Sahay, Community Relations Manager (India & APJC), Cisco Technology

Archana has 12+ years of work experience in working with local NGOs, international voluntary organizations and funding agencies. Prior to Cisco she worked with Wipro, Vodafone and SAP as their CSR Head for India. Her core expertise includes CSR strategy and planning, project execution, corporate giving and fundraising, sustainability reports, NGO partnership and employee engagements.



Asif Saleh, Senior Director Strategy, Communication and Empowerment, BRAC and BRAC International

Mr Saleh is the senior director of strategy, communication and empowerment for BRAC and BRAC International. He oversees strategy, communications, advocacy, ICT and social innovation lab, and in charge of empowerment cluster, which includes gender justice and diversity, migration and human rights and legal aid services. Prior to joining BRAC, he was an executive director at Goldman Sachs and also worked for Glaxo Wellcome, NorTel and IBM. Upon his return to Bangladesh in 2008, he worked as a policy specialist for the UNDP-funded project access to information (a2i) programme at the prime minister's office.

Mr Saleh is the founder of Drishtipat, a global organisation with chapters across the world focusing on human and economic rights of Bangladeshi people. He contributes regularly to local and international dailies.

Mr Saleh was recognised for his work by Asia Society's Asia 21 programme in 2008, the Bangladeshi American Foundation in 2007, and was selected as an Asia 21 Fellow in 2012. He holds a bachelor's degree in computer science and an MBA in management from NYU Stern School of Business. He is currently a mentor of the Unreasonable Institute, a member of the advisory board of Bangladesh Legal Aid and Services Trust (BLAST) and a board member of Institute of Informatics and Development (IID). He was also named one of the World Economic Forum's Young Global Leaders in 2013.



Francesca Feruglio, Director of Programs & Operations & co-founder, Nazdeek

Francesca Feruglio is Director of Programs and Operations and co-founder of Nazdeek. She is a human rights activist and researcher with experience in promoting human rights and ensuring social inclusion of discriminated communities and individuals. She spent several years working with international and grassroots organizations, both in Europe and in India, working on issues of discrimination of migrant workers, LGBTI people and ethnic minorities. At the Human Rights Law Network she contributed to the success of numerous landmark cases addressing violations of reproductive rights, food security and housing rights for women, Dalits and indigenous people, including *Premalata w/o Ram Sagar & Ors. v. Govt. NCT Delhi W.P. Civ. 7687/2010* (2010), *Dunabai w/o Vest Adivasi v. Govt. Madhya Pradesh & Ors W.P. (C) 2033/2011* and *Haq Foundation v NCT Delhi & Ors W.P. (C) 2033/2011*. Francesca holds a BA in History and Anthropology from University of Padua, Italy and a LL.M in International Human Rights Law from the National University of Galway, Ireland. Her academic interests reflect her multidisciplinary background and range from issues of right to food and health to intellectual property rights, multiculturalism and globalization.



Ninad Vengurlekar, Vice President, IL&FS Education

Ninad Vengurlekar is the Co-founder and Managing Partner of EdMobile Labs, a start-up focusing on transforming education delivery through Mobiles and Internet of Things. The firm is currently focusing on building a global English Fluency marketplace on smartphones. Ninad has worked in the areas of high technology, internet and education for over 18 years. He started with visual effects and media in 1995 and thereafter was one of the core team members in a internet content start-up in 2000-01. Between 2001-14, Ninad worked in the edtech sector with IL&FS Education. He was a part of the founding team at IL&FS that conceptualised the CSC Scheme with Ministry of IT. He was involved in building innovative education products and content using technologies like web, mobiles and interactive TV for schools and vocational education. Ninad is a Masters in Technology in Education from Harvard University and an MBA in Communications from NMIMS.



Anish Kumar, Program Director, PRADAN

Anish joined PRADAN in 1994 and is currently a Programme Director at the organization. He integrates the finance function involving raising resources, statutory compliance, and building and managing linkages with stakeholders. Anish is also a part of the senior management team, looking at overall organization strategy and institution-building. His areas of expertise include creating business organizations run by poor communities and facilitating participation of smallholder farmers in modern value chains. Anish developed and piloted the small-holder poultry prototype, was the CEO of the first poultry co-operative, and then scaled up the model across new geographies. The enterprise, run completely by poor people, is today the largest commercial poultry production house in Madhya Pradesh and Jharkhand, with a turnover of US \$ 26 million. Anish continues to be associated with the program as a Board member of the National Smallholder Poultry Development Trust, an advisory and policy advocacy body to nurture and scale up the poultry enterprise. He has been a member of the Planning Commission Working Group on disadvantaged farmers, and has been involved in designing of policies on producer collectives.

Manthan Partners & Associates 2014

ORGANISER

Digital Empowerment Foundation

www.defindia.org

Public Interest Registry is a non-profit organization that operates the .org domain database. As one of the original domains, which has served the online community for more than 25 years, .org has grown into the place to express ideas, knowledge, and causes on the Internet.

CO-PRESENTER

Public Interest Registry

www.pir.org

Public Interest Registry is a non-profit organization that operates the .org domain database. As one of the original domains, which has served the online community for more than 25 years, .org has grown into the place to express ideas, knowledge, and causes on the Internet.

PRINCIPAL PARTNER

Vodafone

www.vodafone.in

Vodafone is the world's largest mobile telecommunications company. Vodafone owns and operates networks in over 30 countries and has partner networks in over 40 additional countries.

STRATEGIC PARTNER

Mint

www.livemint.com

Mint is a business newspaper from HT Media Ltd, launched in collaboration with The Wall Street Journal on 1 February 2007. It is a premium business news

publication aimed at decision makers and policy makers of the country.

GLOBAL PARTNERS

APC

www.apc.org

APC's mission is to empower and support organisations, social movements and individuals in and through the use of information and communication technologies (ICTs) to build strategic communities and initiatives for the purpose of making meaningful contributions to equitable human development, social justice, participatory political processes and environmental sustainability.

APC is both a network and an organisation. APC members are groups working in their own countries to advance the same mission as APC. In December 2010, APC had 50 members in 35 countries, the majority from developing countries.

GIS Watch

www.giswatch.org

The Global Information Society Watch (GISWatch) is a space for collaborative monitoring of implementation of international (and national) commitments made by governments towards the creation of an inclusive information society. It focuses on monitoring progress made towards implementing the World Summit on the Information Society (WSIS) action agenda and other international and national commitments related to information and communications. It also provides analytical overviews of institutions involved in implementation. GISWatch aims to make governments and international organisations account-

able for meeting the commitments they make through contributing to building a strong and sustainable global civil society policy advocacy network.

SUMMIT PARTNERS

OKC

The Open Knowledge Community (OKC) is a society founded by UNESCO, DeitY Government of India and civil society organisations. OKC provides an open, non-partition platform for the exchange of knowledge and ideas among development practitioners to build outreach for knowledge sharing through Communities for Practice. OKC promotes activities related to ICT for development and aims to contribute and enhance all relevant knowledge repositories through collaborative partnerships.

UNESCO

www.en.unesco.org

In 1945, UNESCO was created in order to respond to the firm belief of nations, forged by two world wars in less than a generation, that political and economic agreements are not enough to build a lasting peace. Peace must be established on the basis of humanity's moral and intellectual solidarity. UNESCO strives to build networks among nations that enable this kind of solidarity, by: Mobilizing for education: so that every child, boy or girl, has access to quality education as a fundamental human right and as a prerequisite for human development. Building intercultural understanding: through protection of heritage and support for cultural diversity. UNESCO created the idea of World Her-

itage to protect sites of outstanding universal value.

Pursuing scientific cooperation: such as early warning systems for tsunamis or trans-boundary water management agreements, to strengthen ties between nations and societies. Protecting freedom of expression: an essential condition for democracy, development and human dignity.

COUNTRY PARTNERS

Bytes for all

content.bytesforall.pk

Bytes for All, Pakistan is a human rights organization focused on information and communication technologies. It experiments and organizes debate on the relevance of ICTs for sustainable development and strengthening human rights movements in Pakistan.

NICTAA

www.nictaa.af

NICTAA serves as visionary for ICT in Afghanistan. It is a strong voice of ICT players in the country and is striving to continuously support the ICT development efforts, and promote ICT as a sector and a tool for development.

CAN

www.can.org.np

Computer Association of Nepal (CAN) was formed in May 1992 but was formally registered in December 1992 with the involvement of professionals, specialists, manufacturers, institutions and related organizations from the Informa-

tion Communication Technology sector in Nepal.

ICTA

www.icta.lk

Information and Communications Technology (ICT) is an increasingly powerful tool for participating in global markets, promoting political accountability, improving the delivery of basic services and enhancing local development opportunities.

Dnet

dnet.org.bd

Dnet a social enterprise, established in 2001, with a vision for a society where information and knowledge facilitates all stake holders participation in generation of wealth and its equitable distribution for poverty alleviation. Dnet pioneered in research on using ICT as a primary means for alleviating poverty, empowerment through minimizing the digital divide and access to information, civic participation, capacity development and employment generation.

EVENT PARTNER

INOMY

www.inomy.com

INOMY is a new Media company involved in activities like e-content, digital content, content development, content management and development of information and knowledge at various levels. It was formed in 1999 to focus on the then emerging new economy, information economy, and knowledge society.

INOMY started with publishing e-newsletter and later expanding itself in publishing e-books, and other formal electronic publishing information like, design; consultancy, content development & outsourcing, online research and online survey.

INOMY defines NEW MEDIA as interactive media, web media, internet media, and digital media.

OUTREACH PARTNERS

M P Post

www.mppost.org

Internet media is active for the last 2 decades and it is coming out in new design. In Hindi speaking states, it is in infancy stage of Internet journalism. Looking at possibilities of Internet journalism first Hindi Internet newspaper was started at <http://mppost.org> from 1st January, 2005.

Gaon Connection

www.gaonconnection.com

GaonConnection is a weekly newspaper which looks to highlight rural India beyond stereotypical notions. Rural India now has a voice in the form of a newspaper dedicated to its cause with Gaon Connection. This is a Hindi weekly. Gaon Connection while based out of Kunaura has a functional office in Lucknow. The project is led by Neelesh Misra, co-founder and editorial director of Gaon Connection. The 12-page all-colour broadsheet is priced at Rs 5/- as of now.



EMPOWERING PEOPLE

@ the edge of information



Mission

To constantly make efforts in sustainable solutions for knowledge and economic empowerment of the people living at the edge of information and economy through the use of Information Communication Technologies and Digital Media.



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consultancy

research

deployment

advocacy

Digital Empowerment Foundation is a not-for-profit Society which is at the forefront of creating ways and means to find solutions to developmental issues using Information and Communication Technology tools.

www.defindia.org

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