



Community Health Education and Services by Tele-health (CHEST)

Maharajgunj, Kathmandu, Nepal
Email: chest@hotmail.com Tel: 00977 1 4210500

Report on Digital Health, Computer Hardware and ICT awareness program



24 August 2019

Bavangama

Janakpur, Province-2, Nepal

- Bhagirath Tiwari



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Programme Summary

Program Sponsor:	Strategic Partnerships for Nepal (STRAPAL)
Implemented by:	Community Health Education Services by Telehealth (CHEST Nepal)
Venue:	Kantir Secondary School, Bavangama, Janakpur
Date:	24 August 2019
Total Participants:	20
Duration Total:	1 Day





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Background

Community Health Education Services by Tele-health (CHEST) Nepal is a Social Non-Government Organisation (NGO). It was registered in the calendar year 2009 with the Government in Kathmandu, in the Kathmandu District Office and the Social Welfare Council of Nepal.

Since 2009, CHEST has launched an initiative utilizing information and communication technology for health as a platform for providing other services aimed at overall community development. A real-time telemedicine setup is used to provide consultation services for patients with skin diseases, and the same infrastructure is also used to provide education and other vocational training services to rural communities, as per their needs. After signing a formal memorandum of understanding between CHEST Nepal and the community, implementation of the project is planned. Several coordinators, who assess the needs and co-ordinate the implementation of the program at the community level, are selected among the village members for various aspects of the program; health, education, agriculture and other trainings. CHEST Nepal provides the technical expertise such as dermatological consultation, lectures and interaction with related experts through real-time teleconferencing from the DI Skin Hospital and Research Centre in Kathmandu (DISHARC).

After completing 1st International Conference on eHealth and Tele-Health (ICEHAT) on 1-3 November 2018, International Committee of eHealth and Tele-Health (ICEHAT), with the same conference acronym, has been formed under the umbrella of DISHARC on 2019. As per the idea and guidance from Guidance Councillor Prof. Gunter Burg and under the direct supervision and guidance from Chairman of (DISHARC/ CHEST/ ICEHAT), Prof. Anil Kumar Jha, the training / awareness program was organized by CHEST Nepal. The training was conducted in Bavangama, Janakpur, Province-2 of Nepal and the whole program lasted for one complete day, i.e. 24 August 2019.

In this programme, community health services initiatives, health care management and awareness, Computer Hardware, ICT training and awareness was conducted as per the requirements of the community people. Hands on computer hardware and tele-medicine equipment troubleshooting and maintenance was also carried out during the period.



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Participant Details

A total of 20 participants took part in the training cum awareness programme. The participants who participated in the programme were from the Bavangama community and grade nine and ten students. School Management Committee and Telemedicine Chairman, community leaders, community members as well as villagers were participated in the program. At the same time, many dermatology patients utilized opportunity of Chairman Prof. Dr. Anil Kumar Jha for their treatment. Participant details is given in the Annex 1.

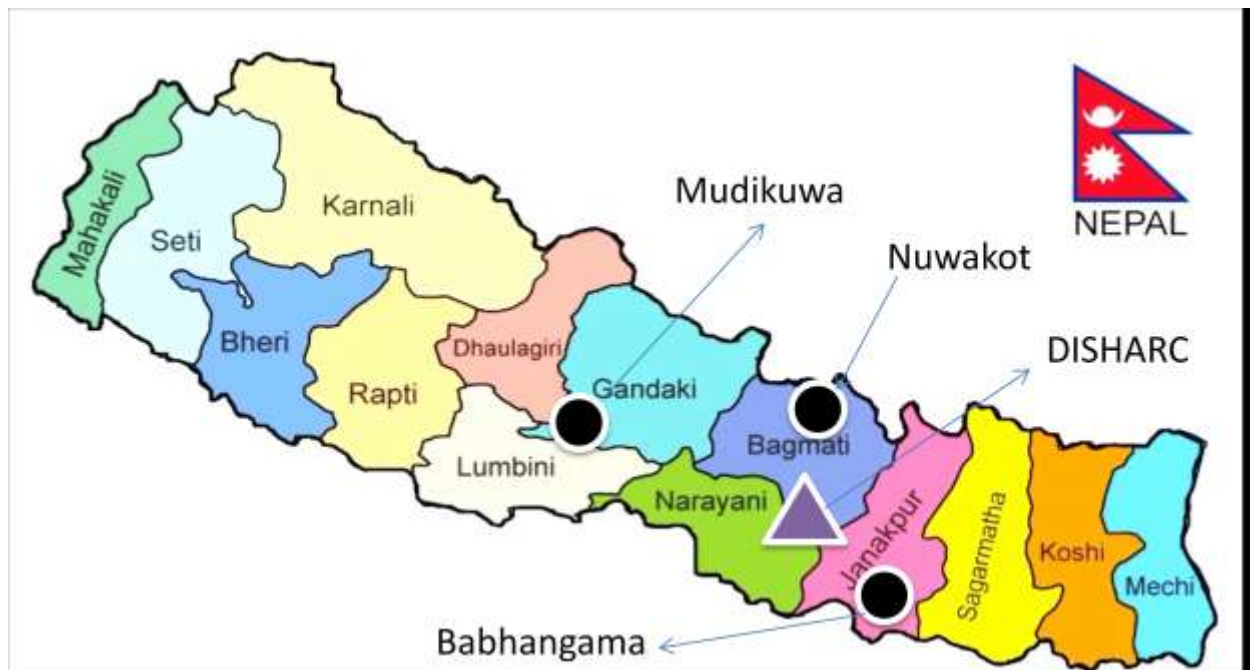


Fig: CHEST Nepal working locations across Nepal



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Time Schedule

The one day training/ awareness program was conducted in Kuntir Secondary School, Bavangama; based on the availability of the students, community people and the CHEST team. This was also important because of the fact that the availability of the Chairman of CHEST, Hospital Manager of DISHARC and ICT Specialist including community members. With this the awareness and training program was conducted on 24 August, 2019. Session started at 12 am and ended at 5:00 pm. Details program schedule is attached in the annex-2 of this report.

Program Objective / Goal

The main objective behind the training / awareness program was to get the students, community people and community leaders learn the essential ins and outs of the Digital Health, ICT awareness and Computer Hardware training start to end and what's in between. Along with that, the community people, teachers and the students needed to understand what to focus when managing the work of digital health, Computer Hardware and ICT related awareness to the community where they belong to. That is, being community members and community trainers (students and teachers) their needs to be a balanced focus on all aspects of the initiative, from individual team members to the team itself to the task on hand. In addition to that, specific objectives were as follows;

- To provide in-depth training on basic and digital health related issues and health care management in the context of Nepal.
- To provide knowledge on ICT related technical issues to run the initiative, its operation as an ICT focal person.
- To provide computer hardware training to the teachers and students to carry out further studies in computer as well as continuity in learning from CHEST nepal center.

Facilitation Techniques (Methodology)

There was several facilitation techniques used by the trainers which included community discussions, question and answer, in person classes, case study discussions and hands on practice training session. The multitude of training methodologies was utilized in order to make sure all the participants get the whole concepts and they practice what they learn, because only listening to the trainers can be forgotten, but what the trainees do by themselves they will never forget.



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Scope and Limitation

The training and awareness program aims to provide in-depth knowledge of digital health, Computer Hardware and ICT awareness to the community people, students and community leaders to create more opportunities to them. The report outlines the activities and deliverables performed during the training. However, it does not include assessment from general people point of view. Neither does the report include overall community people of Nepal apart from Bavangama, Janakpur community members, teachers and students.

Facilitators

Chairman of CHEST/DISHARC/ICEHAT, Director of DISHARC and ICT Professional were directly involved in this program. Community leaders, teachers and students themselves were also actively participated in this program's brainstorming sessions to dig out the facts and figures of the current ICT issues and challenges.

Beneficiaries

It is learned during the training that one participant will make at least 10 community members aware about the issues. Therefore total number of participants were 20 in number and total number of direct beneficiaries will be $20 \times 10 = 200$. We have not calculated the indirect beneficiaries that will be produced by themselves in the days to come. As the participants are from community executives, teachers and students, the number will be good as per their profession and eagerness to share to the community. Exact number of beneficiaries and impact will be assessed next year.

Activities

The programme started at 12.00 noon by chairman of Kantir Jha Secondary School Chairman and community leader Mohammad Kamaruddin. He stressed on the requirements of the community on the digital health and computer hardware and ICT aware. He welcomed to all trainers from CHEST Nepal and the community.

Prof. Dr. Anil Kumar Jha outlined the necessity of the digital health, vocational training and ICT awareness training to the community in the current situation and days to come. He remembered several occasions in this community during his student life to stress the necessity of such trainings for the community development.



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Director of DISHARC, Mr. Rishree Prasad Sapkota explained about the significance of digital health and its practical use in Nepal. He gave several examples how to utilize modern health care facilities using technology for the development of the community. He also shared best practices, lessons learnt from other program areas to make the program success.

ICT professional, Mr. Bhagirath Tiwari provided in-depth training of Computer Hardware to the students and basic technical awareness to the community people. Students were actively participated in the program and demonstrated their expertize after the training to prove that they can implement their learning in the practice life after the training.

In another session, Mr. Tiwari provided ICT awareness, dos and don'ts of the social networking sites, usage of internet and its impacts in the community. Almost all participants shared their experiences and took very interestingly to implement the good things of the internet to their life. They also committed that those information will be shared to the all community people as well as students to make society aware about the good and bad things of current ICT issues.

Prof. Dr. Anil Kumar Jha treated more than 20 patients during the day for their skin related diseases. He was also engaged with community discussion and brain storming sessions to make telehealth program a success.

Closing of the programme

Program concluded at 5.15 pm. Prof. Dr. Anil Kumar Jha extended thanks and gratitude to all the participants, organising team, STRAPAL and Prof. Guenter Burg, followed site visit to the telemedicine site of Bavangama with the participants.

Expenditure of the programme

The expenditure of the program includes, a computer, computer training books and stationery to the participants, trainer's travel and hotel expenses including trainer's fee within the approved ceiling by our guidance council Prof. Burg. Expense details will be shared by Director of DISHARC, Mr. Rishree Pd. Sapkota.

Conclusion

The training program was conducted successfully and all the participants took active part in all the sessions of the training. We are very clear that the work of the participants be monitored and any improvements will be followed-up. CHEST will monitor the impact and share with all concerned in the days to come.



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Annex A (program Schedule)

Digital Health, Computer Hardware and ICT awareness program 24 August 2019

Program Schedule

Date	Activities	Facilitators	Time Schedule
24-August-2019, Saturday	Welcome speech by Chairman, School Management Committee	Mr. Kamaruddin	12:00 -12:15 pm
	Introduction of Digital Health, Computer Hardware and ICT Awareness Program	Prof. Dr. Anil Kumar Jha	12:15 -01:15 pm
	Concept of Digital Health and it's importance in Nepal	Mr. Rishee Pd. Sapkota	1:15 – 2:15 pm
	Break		2:15 – 2:30 pm
	In Depth Computer Hardware hands on training	Mr. Bhagirath Tiwari	2:30 – 4:00 pm
	Break		4:00 - 4:15 pm
	ICT awareness, pros and cons of social networking sites, dos and donts of Internet for the community people	Mr. Bhagirath Tiwari	4:15 – 5:15 pm



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Annex B (List of participants)

24 August 2019

Digital Health and ICT Training
Banyajana, Jamsil, 24 August 2019

S. No	Name of participants	Age	Mobile No.	Signature
1	Sabin Kumar Mandal	15	9826892459	Sabin
2	Md. Rahmat	15	9804838122	Rahmat
3	Md. Kuchrotuliah	15	9819698392	Md. Kuchrotuliah
4	Md. Kamar Reza	15	9809699415	Kamar
5	Musarat Khatun	15	9816216239	Musarat
6	Mahipati Khatun	16	9844025199	Mahipati
7	Preeti Yadav	15	9809808094	Preeti
8	Roshni Karki Marshi	14	980389447	Roshni
9	Nursova Khatun	14	9814855880	Nursova
10	Shrestha Eshita	11	9804880094	Shrestha
11	Barsha Bant	14	9804141517	Barsha
12	Ranjit Jha "Nabin"	61	9800232946	Ranjit
13	Md. Anwarul Haque	50	9816856650	Anwarul
14	Hari Prasad Sah	26	9807648257	Hari Prasad
15	Omresh Pr. Shuk	56	9810674195	Omresh
16	Basant Kumar Karki	42	9804880094	Basant
17	Mojib Khan	44	9819866788	Mojib
18	Md. Kamrunnisa	36	9843908586	Kamrunnisa
19	Munni Khatun	40	9812056129	Munni
20	Vijay Kr. Mandal	60	9807850448	Vijay



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Some pictures of the program

