

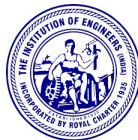
The Institution of Engineers (India)

AN ISO 9001 : 2008 CERTIFIED ORGANISATION
(Established 1920, Incorporated by Royal Charter 1935)

SILCHAR LOCAL CENTRE

Trunk Road, Silchar - 788 001, Assam, India

Er. Gautam Dutta Choudhury, MIE
Chairman
Er. Biswajit Purkayastha, MIE
Hony. Secretary



Phone: (03842) 238945, 8812994606
7002914942

e-mail: silcharlc@ieindia.org
duttachoudhury.gdc@gmail.com
biswajitpurkayastha1960@gmail.com
www.ieisilchar.org

A Century of Service to the Nation

ACTIVITY REPORT

A BRIEF REPORT OF CELEBRATION OF WORLD TELECOMMUNICATION & INFORMATION SOCIETY DAY 2022

Theme: 'Digital Technologies for older persons and healthy ageing'.

The World Telecommunication & Information Society Day was observed at Silchar Local Centre of The Institution of Engineers (India) on 17th May 2022 as per the programme enlightened in the invitation letter. The inauguration of the ceremony was started lighting the lamp. The meeting was presided over by Er. Gautam Dutta Choudhury, Chairman, of the Silchar Local Centre. The Guest of the function was Er. Jitesh Choudhary, Director of Centre for Development of Advance Computing commonly known as C-DAC, a Govt of India, R & D organisation and the another Guest of Honour was Professor Fazal Ahmed Talukdar from Deptt. Of Electronics & Communication, NIT, Silchar.

Prof. Fazal Ahmed Talukdar, also a fellow member of IE(I), Silchar Local Centre was the key Note Speaker on the Theme.

At the outset, Chairman of the Centre welcomed Er. Jitesh Choudhary and Fazal Ahmed Talukdar, the Guest of Honour in the auspicious evening. The Chairman also welcomed corporate members of the IE(I), SLC, non-member practicing engineers, engineering students and researchers who attended the World Telecommunication & Information Society Day. In the welcome address, the Chairman of the local centre highlighted on the theme 'Digital Technologies for older persons and healthy ageing'. He enlightened the purpose of world telecom and information society day (WTISD) is to promote the awareness of the possibilities that the use of Internet and other information and communication technologies (ICT) in societies and economics, to bridge the digital divide. He also emphasize that Telecommunication and ICT have a great role in achieving healthier ageing and help for building of smarter cities, combat age based discrimination at work place, ensure financial inclusion of older persons and support caregivers.

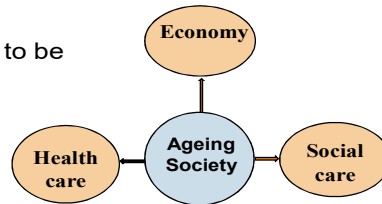
Er. Jitesh Choudhary, Director, C-DAC emphasised on the Digital technologies for older persons and healthy ageing ITU, in line with the UN decade of healthy ageing is committed to ensuring that everyone, regardless of age, gender, can equally and make the use of ICTs. New devices that use VR, robotics and other technologies have hit the market that help the elderly live longer, healthier lives. These innovations include VR headsets for seniors with Alzheimer's and cloud-enabled fall detection watches. In this way digital technologies help the older persons with staying connected with friends and family, online banking and digital payments, purchasing groceries, reading news papers and ebooks, listening to audio books.

In the Technical session, Professor Fazal Ahmed Talukdar delivered nice power point presentation on the theme.

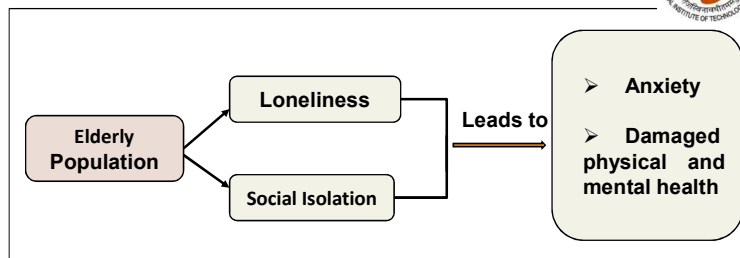
Decade of healthy aging

- ❖ Life expectancy of older people are growing.
- ❖ ICT can facilitate healthy aging.
- ❖ Better quality of life at old age.
- ❖ E-health, M-health are to be brought in practice.

1. Population ageing



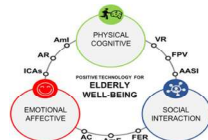
MOTIVATION



Causes of Loneliness/ Isolation

- ☐ Scattered Family
- ☐ Health Issue
- ☐ Partners death
- ☐ Diminished eyesight / hearing
- ☐ Lack of material resources and environment

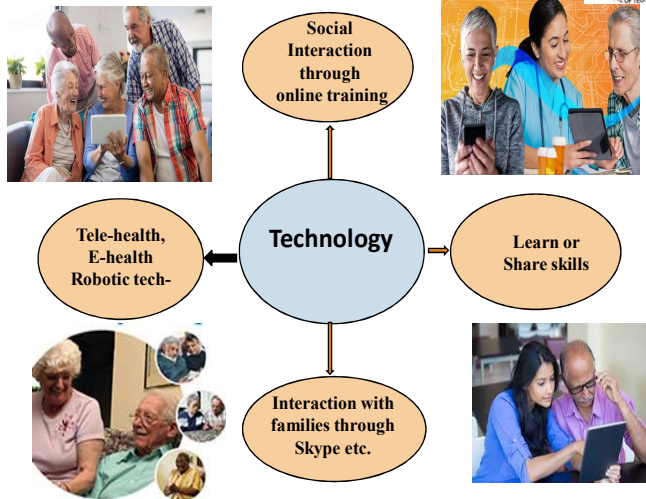
Positive Computing/Technology¹



Positive technology for elderly well-being. [Aml](#) stands for Ambient Intelligence, VR and AR for Virtual and Augmented Reality, ICAs for Intelligent Cognitive Assistants, AC for Affective Computing, AmE for Emotion-aware Ambient Intelligence, FER for Facial Expression Recognition, AASI for Automated Analysis of Social Interaction, FPV for First Person Vision.

¹<https://doi.org/10.1016/j.patrec.2019.03.016>

How can technology help?



An appropriate response



One of the biggest problems is education, making sure there are ways for people to access technology which make it attractive. Lots of money is often put into capital purchases like hardware or infrastructure but ongoing training and support... is what people want and need.

Steve Tyler, RNIB

Conclusions



- ❖ Better use of technology is desirable rather than proposing new kit
- ❖ Focus must be provided on training, marketing and support
- ❖ Design and ease of use must be addressed
- ❖ Encourage old persons to get online and stay online

Future Perspectives



- ❖ Autonomy consent and independence
- ❖ Security and Privacy
- ❖ Employment and training

**Technology can never replace human contact:
Our Aim is to facilitate better interaction**

Er. Ratnajyoti Dutta Chowdhury, Member of the SLC also took part in the technical discussion..

The meeting was convened by Er. Nirupam Choudhury. At the end of the programme, Er. Biswajit Purkayastha, Honorary Secretary of the SLC offered the vote of thanks to the members present. The celebration came to an end with the National Anthem.

PROGRAMME

- 6:30 pm : Registration
6:45 pm : Inauguration & Felicitation of Dignitaries
7:00 pm : Welcome Address by the Chairman
7:10 pm : Keynote Address
Address by Director, C-DAC NIT, Silchar
7:30 pm : **TECHNICAL SESSION**
Presentation on the theme
"Digital Technologies for older persons and healthy aging"
8:45 pm : Adjournment followed by HI-TEA



The Institution of Engineers (India)

SILCHAR LOCAL CENTRE : SILCHAR

requests the pleasure of your gracious presence in the celebration of

"World Telecommunication & Information Society Day 2022"

at The Institution of Engineers (India), Silchar Local Centre
Trunk Road, Silchar as per programme.

on 17th May, 2022 (Tuesday) at 6-30 P.M.

Er. Jitesh Choudhary, Director C-DAC, NIT Campus, Silchar &
Dr. Fazal Ahmed Talukdar, Prof. Deptt. of Electronics & Communication, NIT Silchar
will grace the occasion as **Guest of Honour**.

Er. N. R. Choudhury, FIE
Convener

Er. Biswajit Purkayastha, MIE
Hony. Secretary

Er. Gautam Dutta Choudhury, MIE
Chairman



