C.D.T.I. E-NEWSLETTER
CENTRAL DETECTIVE TRAINING INSTITUTION, CHANDIGARH

From the Director's Desk

Bringing out this E-issue of CDTI, Chandigarh Newsletter gives me immense satisfaction. Inspite of the difficult times overshadowed by the pandemic, the CDTI Chandigarh could reinvent and rise to the occasion to conduct online training programmes for Police Officers, Judicial Officers & Prosecutors which were highly appreciated by the participants.

Although online training modules have limitations of conducting practical exercises and discussions but still with the help of faculty and associates we were able to design modules which were found practically useful, interesting & helpful in keeping the officers updated.

From Jan to June 2021, twenty seven (27) online courses have been conducted on Investigation of Rape Cases, Investigation of Bank Fraud/Plastic Fraud cases, Investigation of Organized Crime, Cyber Crime & Cyber Law Awareness, Collection & Preservation of Digital Evidence, Investigation of NDPS Cases, Scientific Aid to Investigation, Murder & Homicide, Organized Financial Crime & Money Laundering, Organized Cyber Crime, Mobile Forensic, Crime against women & children & Women Safety in which 775 Police Officers and 73 Judicial Officers & Prosecutors participated.

With the pandemic situation improving, we are hopeful of starting regular courses soon. I extend my gratitude to all the stakeholders for their valuable inputs which always help us to do better.

JAI HIND

RANI BINDU SACHDEVA, IPS
DIRECTOR
CDTI CHANDIGARH

DETAILS OF COURSES CONDUCTED AT CDTI, CHANDIGARH
W.E.F. JANUARY TO JUNE, 2021 FOR POLICE OFFICERS

S/No.	Name of Course	Duration	Nos. of Participants
01	Investigation of Internet Banking and Financial Frauds on Digital Platform.	05.01.21 To 07.01.21	29
02	**Online** short duration course on Handling of rape & sexual assault cases against women & children, legal aspects and use of Forensic tools in such cases.	12.01.21 To 14.01.21	33
03	**Online DSI** Course on Anti-Human Trafficking.	18.01.21 To 22.01.21	27
04	**Online** 03 days' Cyber Crime Awareness Training programme for Police Officers	27.01.21 To 29.01.21	34
05	**Online** 'Investigators' training course on Women Safety'.	27.01.21 To 29.01.21	27
06	**Online** 'Investigators' training course on Women Safety'.	01.02.21 To 03.02.21	29
07	**03 days' Online** Course on 'Investigation of Financial Frauds and Money laundering Crimes.(**Exclusively for Sri Lankan police officers**)	02-02-21 to 04-02-21	22
08	**Online** short duration course on Mobile Forensics	09.02.21 To 11.02.21	38
09	**Online DSI** Course on Advanced Technology in Forensic Science.	15.02.21 To 26.02.21	33
10	**Online** 'Investigators' training Programme on Women Safety'.	16.02.21 To 18.02.21	22
11	**Online** 'Investigators' training course on Women Safety'.	02.03.21 To 04.03.21	34
12	**Online** 'Investigators' training course on Women Safety'.	16.03.21 To 18.03.21	29
13	**Online** Short duration course on Investigation of Crimes using Social Media Platform.	06.04.21 to 08.04.21	31
14	**Online** Course on Investigation of Murder/ Homicide Cases	12.04.21 to 16.04.21	16
15	**Online** Course on Investigation of Bank Fraud Cases & Plastic Fraud Cases	19.04.21 to 23.04.21	21
16	**Online** Course on Investigation of Organised Financial Crimes and Money Laundering crimes.	26.04.21 to 30.04.21	19
17	**Online** short duration course on Investigation of Organized Cyber Crime Cases	04.05.21 to 06.05.21	22
18	**Online** short duration course on Investigation of Rape Cases.	11.05.21 to 13.05.21	36
19	**Online** short duration course on Investigation of Organised Crime.	18.05.21 to 20.05.21	35
20	**Online** short duration course on Investigation of NDPS Cases.	01.06.21 to 03.06.21	47
21	**Online** short duration course on Investigation of Sexual Assault cases against Women & Children.	08.06.21 to 10.06.21	44
22	**Online** course on Awareness about Mobile Forensics & its utility in Investigation.	14.06.21 to 16.06.21	37
23	**Online** short duration course on Investigation Techniques & Scientific Aids to Investigation.	22.06.21 to 24.06.21	41
24	**Online** Integrated course on Scientific Aids to Investigation & Analysis of Scientific Evidence for Judicial Officers. Prosecutors & police officers,	28.06.21 to 30.06.21	29
		Total Trainees	**735**

DETAILS OF COURSES CONDUCTED AT CDTI, CHANDIGARH
W.E.F. JANUARY TO JUNE, 2021 FOR JUDICIAL OFFICERS & PROSECUTORS

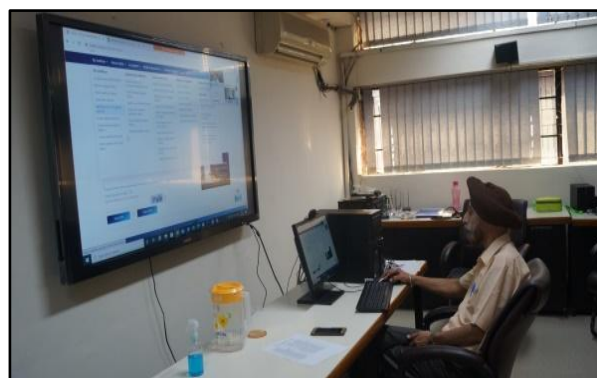| S/No.	Name of Course	Duration	Nos. of Participants
01	**Online Prosecutors'** Training Course on Women Safety.	08.03.21 To 10.03.21	Prosecutors= 18
02	**Online Prosecutors'** Training Course on Women Safety.	22.03.21 To 24.03.21	Prosecutors=15
03	**Online** 03 days' Cyber Crime & Cyber Law Awareness trg. Programme for Public Prosecutors & Judicial Officers.	25.05.21 to 27.05.21	Judicial Offrs=14 Prosecutors= 09
04	**Online** Integrated course on Scientific Aids to Investigation & Analysis of Scientific Evidence for Judicial Officers. Prosecutors & police officers,	28.06.21 to 30.06.21	Judicial Offrs= 06 Prosecutors= 11
		Total Trainees	**73**

FEW GLIMPSES OF ONLINE CLASSROOM

Dr. L. S. Rana, Guest Faculty Delivers lecture to the participants police officers

Dir CDTI Chd addresses the inaugural session of nvestigation of Financial Frauds and Money laundering Crimes. (Exclusively for Sri Lankan police officers)

Sh. Vijay Kumar, Risk Deptt., HDFC Bank, Chandigarh, a Guest Faculty delivers lecture to participants

Sh. Gurcharan Singh, Cyber Faculty CDTI, Chandigarh delivers lecture to participants.

Course of Calendar w.e.f. July to September, 2021-22 in r/o CDTI, Chandigarh

S/No.	Name of Course	Duration
01	**Online** Short duration course on Investigation of Financial Frauds on digital platform and Internet Banking.	06.07.21 to 08.07.21
02	**Online** Short duration course on Investigation of Drug trafficking crimes.	13.07.21 to 15.07.21
03	**Online** Short duration Course on Investigation of Organised Crime.	20.07.21 to 22.07.21
04	**Online** 03 days' Cyber Crime & Cyber Law Awareness training programme for Public Prosecutors & Judicial Officers.	27.07.21 to 29.07.21
05	**Online** Short duration course Investigators training programme on Women Safety.	03.08.21 to 05.08.21
06	**Online** Short duration course Investigation of Organized Cyber Crime Cases	10.08.21 to 12.08.21
07	**Online** Short duration course on 'Skill Development & work Life Balance'.	17.08.21 to 19.08.21
08	**Online** Short duration course on Gender Sensitization and Rights of Transgender & Marginal Groups.	24.08.21 to 26.08.21
09	**Webinar** on "Appreciation of digital evidence for Judicial Officers of Northern States/UTs".	27.08.21 1000 hrs to 1400 hrs.
10	**Online** Short duration Integrated course for Police officers, Wildlife officers & Forest officers on Investigation of Wild Life Offences.	01.09.21 to 03.09.21
11	**Online 02 weeks'** Training on 'Cyber Forensics' to the APPS Officers.	06.09.21 to 18.09.21
12	Two days' **Online** workshop on Stress Management.	15.09.21 to 16.09.21
13	**Online** Short duration course on Investigation of crimes against women and children.	21.09.21 to 23.09.21
14	**Online** Basic awareness Short duration course on analysis of digital evidence & use of dark web crypto currency.	28.09.21 to 30.09.21

CDTI CHANDIGARH AT A GLANCE

Mess at CDTI Chandigarh

GYM at CDTI Chandigarh

Recreation Hall at CDTI Chandigarh

Hostel Room at CDTI's Campus Chandigarh

Cyber Lab., CDTI Chandigarh

Classroom, CDTI Chandigarh

NEW INITIATIVES

A National level Webinar on 'Cyber Crime Investigation & its Challenges for SHOs' of Northern States/UTs organized by CDTI Chandigarh on 28.04.2021 in which 43 trainee police officers participated from Pan India. Ms. Rani Bindu Sachdeva, IPS, Director, CDTI, addresses the participants.

A 05 days' Yoga & Meditation Camp for CDTI's staff was successfully organized at CDTI's premises w.e.f. 08.02.2021 to 12.02.2021 (one session daily from 0900 hrs. to 1020 hrs). The aim & objective of it was to motivate and train them for keeping their physical and mental fitness.

1) Our Cyber Faculty Shri Gurcharan Singh in collaboration with Chief Minister's Good Governance Association, Haryana organized a workshop on 31.3.2021 for 720 students of Class 9-12 of Panchkula for cyber security among school students.

2) Our Cyber Faculty, Shri Gurcharan Singh delivered a talk in Webinar on 'Appreciation of Digital Evidence and its Challenges' organized by SCC in collaboration with Chandigarh Judicial Academy for all Judicial Officers of Punjab, Haryana and Chandigarh (UT) in May, 2021.

3) Our Cyber Faculty, Shri Gurcharan Singh delivered a talk in Webinar on Cyber Crimes – Precautions and Preventions organized by Director State Council of Education Research & Training Punjab for Teachers and the Students of 9th to 12th classes of Punjab on in June, 2021.

4) A Yoga Session was also conducted on 22.06.21 for the staff of CDTI, Chandigarh, which was focused on recovery from post COVID complications.

From CDTI Faculty's pen...

ONLINE SOCIAL NETWORK(OSN)-A TOOL BETWEEN POLICE AND PUBLIC

Rajeev Kumar Sharma
DySP, CDTI, Chandigarh.

Online Social Networks and Police in India - Understanding the Perceptions, Behavior, safety is a concern for most urban communities; police departments bear the majority of responsibility to maintain law and order and prevent crime. Police agencies across the globe are increasingly using Online Social Network (OSN) (such as Facebook and Twitter) to acquire intelligence and connect with citizens. Developing nations like India are however, still exploring OSN for policing.

OSN provides critical real time information and reduces the misinformation during crisis events. Research shows that citizens use OSN for public coordination during a crisis situation; researchers have categorized public response and shown different communities which developed the effectiveness of OSN in various activities such as investigation, crime identification, intelligence development and community policing.

Few studies in India show that OSN was used to spread misinformation during crisis events such as Mumbai terror attacks (2011), Muzzafarnagar riots, Assam disturbance and Delhi Riots. These studies report revealed that panic was spread in these events through fake images, messages, and videos on OSN. Surveys have shown that OSN introduced challenges for police officers such as fake/impostor accounts which target law enforcement agencies, security and privacy concerns, civil liabilities and resource constraints like time and technical skill of the staff. Police need to develop community trust before involving citizens in decisions-making process. With increased trust, police are able to get valuable information available with the citizens about their neighbourhoods. Therefore, community partnership involves developing relationships that increase "bond of trust" by maintaining community contact and frequent communication with citizens.

Problem solving approach involves four aspects: Information exchange, problem identification, problem solving, and Trust. It involves identifying common concerns for citizens and the police. The prioritization happens with help of citizens, e.g., a police team might think that burglary is the biggest problem in their locality, however, community might consider women assault and harassment as a bigger concern. Once the problems are prioritized, police work at providing solutions to the issues raised by citizens. Problem-solving approach considers those solutions as best that can satisfy community members to improve safety, reduce anxiety, and strengthen the ties between police and citizens. The provisions so far adopted for community policing are mostly nontechnology based. Realizing the potential of OSN and to involve citizens in policing activities, Indian police have made its presence on various OSNs such as Twitter and Facebook.

OSN can reduce the communication gap between citizens and police by encouraging frequent exchange of information and feedback. The method which helps reduce the communication gap is OSN's ability to facilitate anonymous communication between police and citizens. Many citizens mention that they will prefer an anonymous platform to communicate with police.

"OSN can help to inform citizens about jewellery snatching cases, time it can happen, and precautions to be taken." Officers show interest in posting wide variety of advisories (an official announcement or warning) through OSN such as crime alerts, safety tips for women, children and senior citizens, places to avoid during major events and natural calamities like cyclone or floods.

"Suppose there is a threat in Chandigarh or any other city and they [Police] give me alerts on it [OSN] then I would have liked to follow it [police Facebook page]." Such alerts can keep citizens informed and improve coordination.

Targeted communication: Officers acknowledge the need to communicate appropriate advisories to appropriate audiences for improving coordination with them. These advisories are communication-intensive, highly social, cultural, and influence social networks in the real world.

OSN facilitates quick information exchange between police and residents, designing appropriate nudges that educate about the legal and social implications of abusive content, and thus can even reduce the misuse of OSN. This can help in improving the effective communication between the two stakeholders. Defamatory content can be a major block for successful adoption on OSN by police.

OSN for facilitating problem solving: It is seen that both citizens and police believe that by using OSN - citizens can inform the police about vulnerable streets in the city, report geo-tagged posts that can give instant information about the location of the crime to the police. Citizens can also post images and videos of unsafe neighbourhoods. This information exchange can facilitate two important aspects of community policing: a) the problem-identification and b) prioritization based on citizen's input. Problem-solving approach suggests that best solutions are those that satisfy the community. Police after examining OSN generated content can identify priorities of different communities and use this information to make appropriate judgment to satisfy the safety needs of citizens.

An officer states, "A cricket match and a popular festival happened on the same day; we were expecting a large gathering for both the events. These crowds were required to cross each other's route to reach their destinations. To avoid traffic, we issued instructions through public post on OSN; this proved helpful to manage the crowds and avoid traffic on roads." Citizens also view OSN as a means to obtain timely alerts from police.

OSN can help to make community feel safer and can generate trust in police. This can help in explaining the reasons for lapse in policing arrangements directly to citizens without involving journalists (as needed in other mediums like television and newspapers). This can help citizens to understand the situation at hand and also encourage them for information exchange to address the lapse.

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SIMPLE TIPS FOR SAFE USE OF CYBER SPACE

Gurcharan Singh, Cyber Faculty

During COVID period, the dependency on devices has increased tremendously which is resulting in vulnerabilities. The following are the simple tips for safe use of cyber space to protect our identity, privacy and save ourselves from the clutches of cyber criminals:-

1.   While searching any content on the search engines, use safe search options and also check facts before sharing or forwarding.
2.   Do not use same password for different accounts and use strong and unique password combinations of numbers, uppercase, lowercase letters and special characters for each account.
3.   Avoid using free, unsecured Wi-Fi for shopping or banking on the Internet and also for logging into your social media profiles.
4.   Delete old accounts that you do not use any more. Lock your Facebook account to avoid being victim of fake account.
5.   Obtain software from trusted sources. Always scan files before opening them and never click on links or download attachments in unwanted & unexpected emails, even if such emails appear like they are from a known source.
6.   Take regular backups of all important files onto offline/cloud storage.
7.   Don't click on 'Keep me logged in' or 'Remember me' options on websites and logout of all accounts.
8.   Never use any personal information such as name, date of birth, address, etc., as your password and never share your personal/bank details on phone, email or SMS, even if the caller/sender seems genuine.
9.   Never click on the pop-ups, shady surveys and contest pop-ups. Close all pop-ups from the task bar to appear again.
10.   Don't visit inappropriate websites, or websites that you are not fully aware of, just out of sheer curiosity.
11.   Connect to proper wi-fi network, otherwise known as SSID.
12.   Keep two factor authentications on your all email and social media accounts for multilayer security.
13.   Don't blindly react on the contents received on social media sites. Please verify thoroughly before forwarding or sharing.
14.   Ensure that the computer has the latest patches and keep the browser, operating system and antivirus updated.
15.   Don't share / upload confidential or private data (like pictures, videos etch) in cloud storage systems.

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ACHIEVEMENTS

Shri M.K.Khanna, S.O., CDTI, Chandigarh has been awarded with Ati Utkrisht Seva Medal in recognition of his remarkable services.

Sh. Sushil Kumar, I/C Trg., CDTI, Chandigarh has been awarded with the Union Home Minister's Medal for Excellence in Police Training (other category) in recognition of his remarkable services.

Shri Gurcharan Singh, Cyber Faculty, CDTI, Chandigarh has been awarded with President Police Medal for Meritorious services, the Union Home Minister's Medal for Excellence in Police Training & Utkrisht Seva Medal in recognition of his exemplary services in the field of Cyber Crime Training.

Shri Ravinder Kumar, Assistant, CDTI, Chandigarh has been awarded with President Police Medal in recognition of his Meritorious services by Hon'ble Minister of Home Affairs Sh. Rajnath Singh Ji.

THIS YEAR

Shri B M Joshi, Vice Principal, CDTI, Chandigarh has been awarded with D.G. Disk in recognition of his remarkable services by Ms. Rani Bindu Sachdeva, Director CDTI..

Shri Gurcharan Singh, Cyber Faculty, CDTI, Chandigarh has been awarded with D.G. Disk by Ms. Rani Bindu Sachdeva, Director CDTI in recognition of his remarkable services.

GROUP PHOTOGRAPH OF THE OFFICIALS OF CDTI, CHANDIGARH

CENTRAL DETECTIVE TRAINING INSTITUTE
SECTOR 36-A, CHANDIGARH

Sitting Chairs L TO R : Sh Sushil Kumar,PA, Sh Ravinder Kumar, Asstt, Sh Mahender Kumar Khanna,Section Offr, Sh Nand Kishore,DySP, Ms Rani B Sachdeva,IPS,Director, Sh Ramesh Kumar,DySP, Sh Rajeev Kumar,DySP, Sh Gurcharan Singh,PA/Cyber-Faculty, Sh Amar Deep,DySP, Ms Seema Seema Dhawan,UDC.

Standing 1st Row L TO R : Driver Harpreet Singh, Constable Sanjeev Kumar, Constable Ramesh Kumar, Constable Kavita Dulta, Inspector Asha Choudhary, Constable Mandeep Kumar, Constable Kailash Sharma, LDC Amit Suthar.

Standing 2nd Row L TO R : Constable Ashok Kumar, Steno Love Kumar, MTS Amit Kumar, Constable Gurjinder Singh, Constable Maninder Singh, MTS Balam Singh.