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Title of the Webinar: **IT and Cyber Crime in Teaching Learning**

Type of the Webinar: **National**

Date: **18th May 2024**

Organizers: **Research and Development Sub-Committee and IQAC of Naba Ballygunge Mahavidyalaya and Women's Christian College**

Speaker: **Dr. Nilanjan Ray, Associate Professor of Marketing & Faculty of Management Studies, JIS University, West Bengal**

No. of Participants: **120**

Links to the webinar in institutional YouTube channel:

https://www.youtube.com/watch?v=pMShwu69-cg&t=347s

https://www.youtube.com/watch?v=f1z6MvZdx1s&t=87s

Research and Development Sub-Committee & IQAC of Naba Ballygunge Mahavidyalaya
In collaboration with
Women's Christian College
Organises a National Webinar
On
IT AND CYBER CRIME IN TEACHING-LEARNING

Speaker
Dr. Nilanjan Ray
Associate Professor of Marketing & Faculty of
Management Studies in JIS University, West Bengal, India

Patrons
Dr. Ayantika Ghosh, Principal, Naba Ballygunge Mahavidyalaya
Dr. Ajanta Paul, Principal, Women's Christian College

Joint Conveners
Dr. Sayantina Dutta
Dr. Debisree Banerjee

Google Meet https://meet.google.com/uuc-ymoy-vui

Date: 18th May,2024
Time: 3pm-4pm

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The speaker Dr Nilanjan Ray equalized cyber crime with Plagiarism. As one is academic offence, the other one is offence in the realm of information technology. Dr. Ray listed the various cybercrimes committed like hacking in which some external hacker enters into somebody else's system/ device unethically and works on the internet using that person's password, it is a cyber-offence. As for example, if A's password is saved in his laptop and B uses A's laptop, it is not necessary for B to know A's Gmail password. If B works on the internet through A's Google account and sends mail to someone via A's Gmail account then it is also an instance of hacking. In his brief but succinct lecture, Dr. Ray mentioned about another very pertinent criminal issue that has more or less affected many of us. It is identity theft. Identity theft is a crime in which an attacker uses fraud or deception to obtain personal or sensitive information from a victim and misuses it to act in the victim's name. In the speaker's words one may go to the Portal and download the full link of someone's Identity Card like Aadhaar or PAN and can you use that unauthorised identity for selfish gains. He gave a detailed definition description of malware, which is a malicious software that is misused to bring damage to any system.

Screenshot of the flex on screen at the beginning of the webinar IIT and Cybercrime in Teaching Learning on 18/5/2024

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This webinar jointly collaborated between Naba Ballygunge Mahavidyalaya and Women's Christian college was not only any an academic mandate catering to the needs of IPR as a part of Research and Innovation Ecosystem formulated by NEP 2020, but also made the audience aware of the potential threats that cybercrime poses. We often try to get access, go to certain website when we discover that it is inaccessible. In Dr Ray's words, this is DoS or denial of service attack in which cyber-attack overwhelms server with requests, making it unable to process normal traffic. This can slow down, make unresponsive, or completely inaccessible the target to legitimate users. Dr. Ray emphasized that successful DoS attack can cause significant financial and reputational damage. It can also consume time and money to analyze, defend, and recover from. Another burning issue related to cybercrime that the resource person of the day pointed out is child cyber exploitation, like child pornography.

Screenshot of Dr Nilanjan Ray delivering lecture on "IT and Cyber Crime in Teaching-Learning"

Screenshot of a slide from Dr Ray's presentation on "IT and Cyber Crime in Teaching Learning" on 18th May 2024

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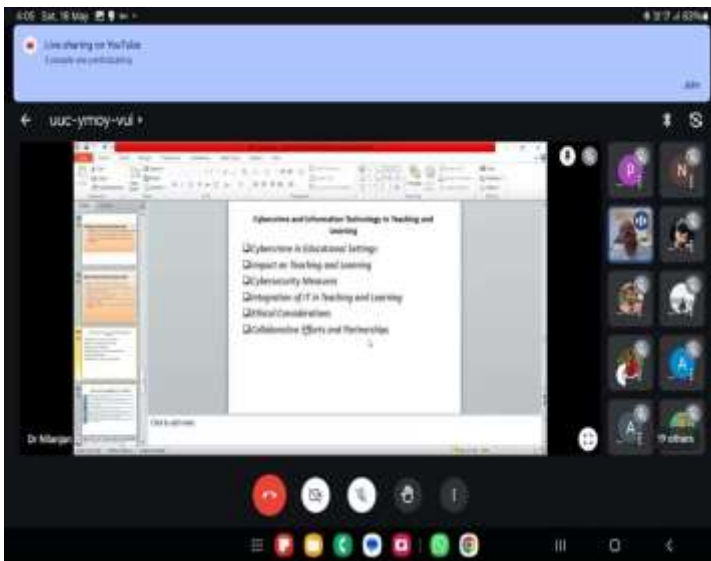Naba Ballygunge Mahavidyalaya
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After mentioning about the various cyber crimes like phishing, malware, identity theft, cyber stalking, denial of service and harassment, the speaker moved on to the next topic , which is cyber security and safety pictorial framework. He stated that there are 4 pillars of cyber-security in India- Cyber law, key provisions, e-enforcement mechanism and cyber security impact. The Audience was informed about the various legal connotations and ramifications in the cyberspace, like DPDP or Digital Personal Data Protection Act 2023 which ensures protection of personal data and other credentials and Information Technology Act or IT Act 2000, which ensures Cyber law protection.

Screenshots from the powerpoint presentation by Dr Nilanjan Ray on "IT and Cyber Crime in Teaching Learning" in a collaborative webinar by Naba Ballygunge Mahavidyalaya and Women's Christian College on 18/05/2024

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In his informative talk, doctor ray mentioned about regulations and amendment act related to cyberspace, like IT Amendment Act that expands the scope of cybercrimes and adds penalties for offenses like identity theft, online harassment, and data breaches and IT (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021 that regulate social media intermediaries and online gaming. The 2023 amendment to these rules addresses fake information about the Central Government and online gaming. Dr Ray's detailed discussion of Cyber Security thus ended the webinar with the audience being assured that if they unfortunately happen to be victim to any cyber crime, there are laws to protect their credentials or devices.

The webinar ended with vote of thanks delivered by IQAC Coordinator, Women's Christian College, Dr Nabanita Mitra.

Dr Nilanjan Ray explains the alarming rate of increasing cyber crime through a graph in his slide in the webinar on IT and Cyber Crime in Teaching Learning on 18/05/2024

The four pillars of Cyber Security mentioned by Dr Ray in his powerpoint presentation: Cyber Law, Key Provisions, Enforcement Mechanism and Cyber Security Impact—in the webinar on 18/05/2024

Learning Outcomes:

Following are the outcomes from the webinar:

- ❖ Awareness of the growing cyber crimes which is an alarming issue.
- ❖ Knowledge about various cyber crimes.
- ❖ Alertness to keep oneself and one's devices protected from malicious cyber attacks
- ❖ Awareness of various laws that assure protection against cyber crime

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