Course Title: Cybersecurity for Education Practitioners

Course Code: IR 120

Course Background / Summary:

The shift to online learning since COVID19 pandemic has caused various security threats to educators, students, and parents as they are now more prone to cyber-attacks than before. Recent reports have shown a spike in cybercrime since the beginning of the COVID-19 pandemic, making cybersecurity a key concern for educators. So, this Cybersecurity Training for Education Practitioners is designed to provide them with the knowledge they need to protect themselves and their students online and create awareness for the parents.

Course Objectives:

- Understand cybersecurity and its relevance in digital learning
- Identify and mitigate various cybersecurity threats and attacks
- Outline various techniques that students can use to protect themselves when using technology
- Incorporate best cybersecurity practices through protective and preventive measures; and
- Demonstrate understanding of cybersecurity laws, acts, and relevant regulatory organizations and bodies.

Target Audience:

- Primary & Secondary School Teachers, Educators, Education Practitioners

Course Duration: 3 Days

Course Contents

1.0 Introduction to Cybersecurity

2.0 Cybersecurity Threats & Mitigation
- Cybersecurity attacks on various e-learning platforms
- Protection against cyber threats

3.0 Best practices
- Password Management Techniques
- Need for Software Updates
- Antivirus & Backups
- Securing Online Communication
- Device Security.

4.0 Cybersecurity for Students

IR 4.0 / ICT