

Participants :

The course is designed for Officials from RD, PR, DRDAs, Agriculture, Horticulture, Sericulture, Fishery, Dairy, Soil Conservation, Forestry, Planning, Other Line Departments, SRLMs, Social Welfare, Faculty from SIRDs ETCs & PRTIs, Development Professionals, Research & Training Organizations, (Industries, IT Officers/ Programmers/ RS in paid mode).

Duration :

The proposed programme is scheduled for **3 (three) days**, w.e.f. **14th to 16st February, 2023**.

Venue :

National Institute of Rural Development & Panchayati Raj, NERC, Jawaharnagar, Khanapara, NIRDPR Lane, **Guwahati – 781022**, Assam,

Course Fee :

There is no course fee. However, the sponsoring authorities will have to bear the travel expenses to and fro of their nominee's. The last date for receiving nominations in prescribed Format, in both soft (through **Registration link**) and Hard format, is **10/02/2023**. For further information, please contact :

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e-mail : skghosh.nird@gov.in ,

Programme Director(s) :

Er. **Partha Pratim Bhattacharjee**, Assistant Prof., and Er. **Sanjit Kr. Ghosh**, Sr. CPA.

Address :

National Institute of Rural Development & Panchayati Raj, North East Regional Center, Jawaharnagar, Khanapara, N.H. – 37, NIRDPR Lane, **Guwahati – 781022**, Assam, Mobile: **9492192001**, 9650461819
Contact Number : 0361-2304790 (**NIRDPR, NERC**),

URL for Registration link – <https://nirdpr-lms.in>

[Reg. key: **NERCEhcs1402@**]



Offline Workshop on Ethical Hacking and Cyber Security



14 – 16 February, 2023



National Institute of Rural Development & Panchayati Raj

(An Organization of the Ministry of Rural Development, GoI)
North Eastern Regional Centre (NERC)
NIRDPR Lane, N.H. – 37, Khanapara, Guwahati – 781022

Registration Link URL for e-Learning Portal – <https://nirdpr-lms.in>

About NIRD&PR : The NIRD&PR is an apex Organization under the Ministry of Rural Development, Government of India for training, research, action research and consultancy in Rural Development, Panchayati Raj and various allied subjects. The Institute serves as a forum for discussion and debate on issue of common concern, attracts academics and development practitioners from all over the country and abroad. NIRD&PR trains more than 5000 senior level administrators including Policy makers, Planners and Rural Development functionaries every year.

Need : A hacker is someone who discovers a weakness in a system or network and exploits it. It's currently a subject that is far broader than simply hijacking Facebook accounts and vandalizing websites. However, some of these hackers are in the business of protecting and securing systems. These types of hackers are usually called "ethical hackers" to distinguish their intentions and they are a critical part of the IT world. Ethical hackers use their advanced knowledge of computer systems to break into networks, but rather than stealing data and information, they identify flaws and vulnerabilities in the network to determine how to strengthen the security of these systems to avoid attacks. We want create the personnel who will work for identify flaws and vulnerabilities in the network used in Rural area.

Objectives :

- To Secure users' computer, network, and data from 99% of all attacks on the Internet.
- Test for security vulnerabilities using the tricks the bad guys use.
- Find and fix weaknesses and harden user level computer's security.
- Avoid phishing, viruses, ransomware, and online scams.
- Keep all user safe online, at home, at school, or at work.

Broad Area of Topics : The expected outcomes of this programme is to provide knowledge of the participants, followings: Need and Introduction to Ethical Hacking, Concept of Surface, Deep & Dark web, Basic Security Threats and counter measures, Open Source Ethical Hacking Tools, Installation of Open Source Operating System for Hacking Tools, e.g. Kali LINUX, Relevant Networking Technology & Network Security, Idea about Cryptography, Social Media Security issues and countermeasures, Cyber Crimes, Cyber Laws and cyber-crime vulnerability reporting etc.

Methodology : Latest teaching methods such as lecture-cum-discussions and hands on training shall be imparted along with live demos and case-studies & practical sessions (Blended Learning format).

Entry Behavior : Shall be assessed based on the information provided in the online Registration Forms of the participants which will be kept in "PRASHIKSHAN e-Learning Portal"

Outcomes expected : The expected outcome of this program is to equip participants for Secure users' computer, network, and data from 99% of all attacks on the Internet along with test for security vulnerabilities using the tricks the bad guys use also to find and fix weaknesses and harden user level computer's security. Avoid phishing, viruses, ransomware & online scams. Keep all user safe online, at home, at school or at work