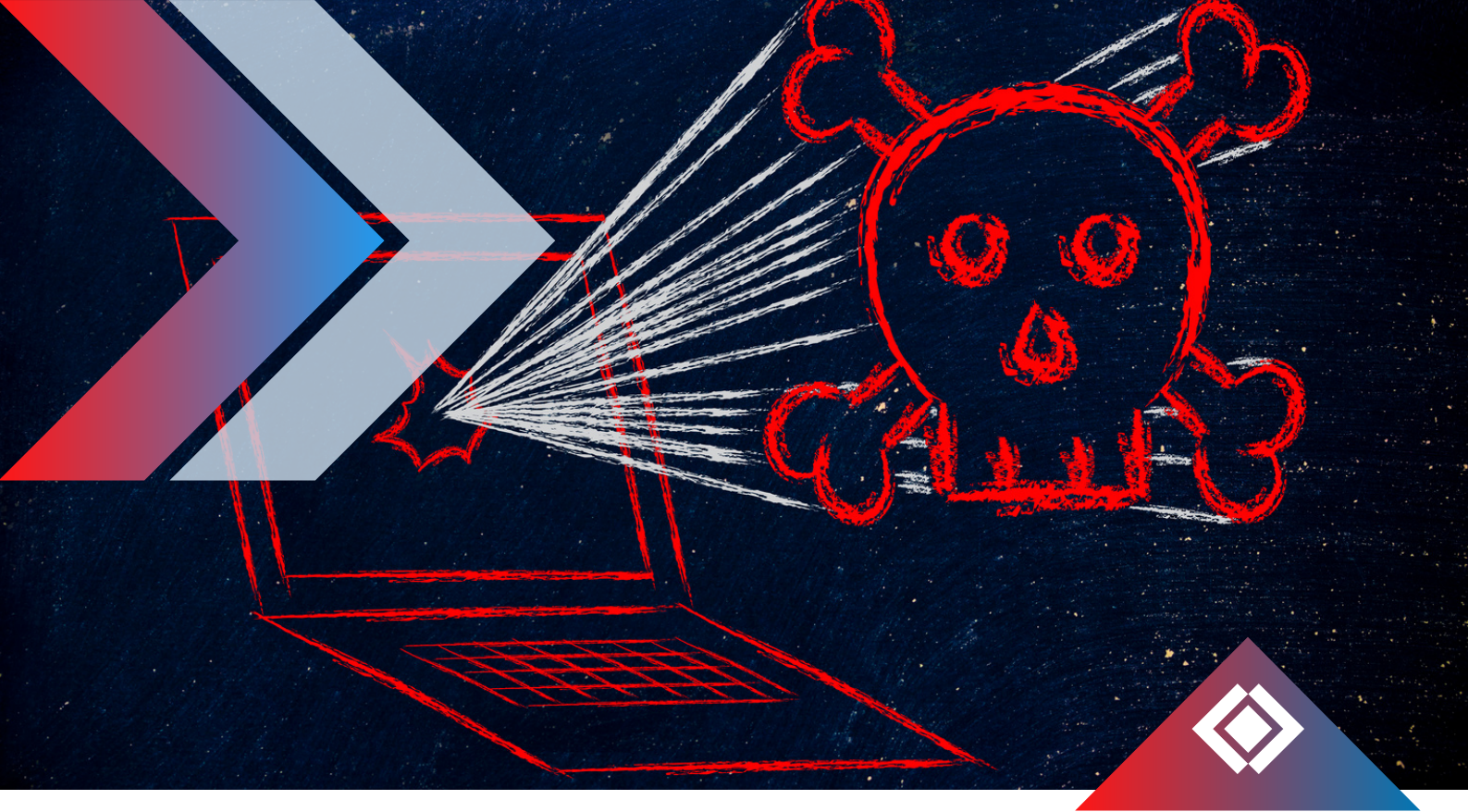




**CERTIFIED REVERSE
ENGINEER AND MALWARE
PROFESSIONAL**

CREMA

COURSE
BROCHURE



INTRODUCTION TO THE COURSE

Reverse Engineering refers to the process in which a software is decoded to learn about its details, architecture, vulnerabilities or to extract knowledge from the software. Reverse engineering helps to find out the vulnerabilities in a software and analyse the same for virus attacks. These virus attacks are commonly in the form of malware. Reverse engineering helps us to analyse the depth of the problem and provide solutions based on that analysis.

Analysis of Malware and their structure will help the student to apply for suitable job posts related to this field. Certified Reverse Engineer and Malware Analyst | CREMA course by IEM Labs has become quite popular not only in Kolkata but also on other locations as well.

FOCUS AREAS

● Interface



● Repurposing



Obsolescence ●



Security Analysis ●

ABOUT THE COURSE

- **Course Type:** Basic
- **Eligibility Criteria:**
 - Knowledge of Malwares and Development Process
 - Knowledge on Cyber Security and Penetration Testing
 - Minimum System Configuration Required:
 - o Intel i5 Processor
 - o 8GB RAM
 - o 1TB Hard Disk
- **Batch Size:** 5 students maximum
- **Course Duration:** 40 hours

	ONLINE	OFFLINE
COURSE FEE:	21000 18000 INR	21000 18000 INR
TRAINING LOCATION:	ANY	KOLKATA

COURSE CONTENT



MODULE 01	Introduction to Malware Analysis
MODULE 02	Lab Setup
MODULE 03	Anatomy of Portable Executable (PE) File
MODULE 04	Basic Working Principle of a Malware
MODULE 05	Different Types of Malwares Functionalities
MODULE 06	Crash Course in x86 Disassembly
MODULE 07	Static Analysis Techniques
MODULE 08	Dynamic Analysis Techniques
MODULE 09	Shellcode Analysis Techniques
MODULE 10	Shellcode Analysis Techniques
MODULE 11	Analyse Metasploit Generated Malware Samples
MODULE 12	Analyse Non-Executable Malware (PDF, JavaScript etc.)
MODULE 13	Analyse Malware in Office Document (Macro)
MODULE 14	Unpacking Malwares
MODULE 15	Introduction to Reverse Engineering
MODULE 16	Windows Architecture
MODULE 17	Assembly Language Fundamentals
MODULE 18	Reverse Engineering Techniques
MODULE 19	Anti-Reversing Techniques
MODULE 20	Project





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Malware

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