**RASHTRIYA RAKSHA UNIVERSITY**

**Proposed Training Program under ITEC scheme, MEA**

**Name of the School:** SITAICS

**Name of the Program**: Web Vulnerability Analysis and Penetration Testing

**Training Mode:** Virtual / Online – face to face

**Duration of the program:** 3 days

**Teaching Lectures total :** 3

**Teaching Lectures per day :** 1

**Hours per Lecture:** 2 Hour

**Eligibility Criteria:** Basic concepts of Programming Knowledge and Computer proficiency

**Target Audience:** Police Officials, Government Officials, Law Enforcement officials, Forensic Lab Officials**,** Investigating officers

**Intake :** Minimum 10 & Maximum 30 Officials

**Language of Instruction:** English

**Modules / Topics:**

**Day-1**

Laboratory setup for VAPT (Kali Linux, DVWA, bWAPP, webgoat)

**Day-2**

• Information gathering

• Web scanners

• Google Dorks

**Day-3**

• OWASP top ten vulnerability (SqL injection, XSS, LFI, RFI, Directory

Traversal)

• Metasploit, Beef, Shalphish, Shodan, etc.

**Learning Outcome** :

**Evaluation / Assessment :** Based on Exam

**Name of the Faculty : Prof. Rakesh**

(NOTE: On certain topics, experts shall be invited from the outside if required.)