

# **Rashtriya Raksha University**

## **School of Internal Security and SMART Policing**

### **Two Week Training program on Geoinformatics, Disaster Risk Reduction & National Security**

#### **Course Description:**

The training program will equip security officials with practical skills and knowledge to mitigate disasters effectively, enhance resilience, and maintain national security. The program focuses on integrating geoinformatics with disaster risk reduction (DRR) strategies, providing participants with a comprehensive understanding of DRR concepts, principles, and practices. Participants will gain the expertise needed to develop and implement DRR plans across individual, community, and government levels while ensuring the protection of national security throughout the disaster management process.

#### **Training Objectives:**

1. To study the concept of geoinformatics and disaster risk reduction (DRR) and its importance in promoting resilience and reducing the impact of disasters on communities and national security.
2. To understand the role of individuals, communities, and governments in DRR efforts while ensuring security.
3. To develop skills in identifying risks and vulnerabilities, developing community DRR plans, preparing household emergency kits, developing recovery and reconstruction plans, and identifying capacity-building needs for individuals, communities, and governments while ensuring security.
4. To understand the role of international organizations in technological efforts in DRR while ensuring security.
5. Understanding the role of technology in DRR efforts while ensuring security.
6. Developing practical skills in responding to simulated disaster scenarios through a simulation exercise while ensuring security.

7. Enhancing communication skills through group activities and presentations that promote collaboration and knowledge sharing among participants while ensuring security.
8. Developing critical thinking skills through discussions on DRR concepts, principles, and practices that promote reflection and analysis of real-world scenarios while ensuring security.
9. Promoting a deeper understanding of the social, economic, and environmental factors that contribute to disasters and their impacts on communities while ensuring security through case studies and discussions on best practices in DRR efforts around the world while ensuring security.

**Methodology:**

Each day will include interactive activities, group discussions, case studies, simulations, presentations, and practical exercises to enhance learning outcomes. The training will also include assessments to evaluate participants' knowledge and skills acquired during the program.

Sl. No.	Tentative Topic ( <i>not limited to..</i> )
1.	Introduction to Disaster Risk Reduction and its importance in promoting resilience
2.	Understanding the concept of risk and vulnerability
3.	Introduction to Geoinformatics in Risk Reduction
4.	Disaster Risk Reduction and National Security
5.	Role of individuals, communities, and governments in DRR efforts while ensuring security
6.	Other relevant topics...

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