



Welcome to the  
**Department of Defence  
 & Strategic Studies**  
**Savitribai Phule Pune University**

Post Graduate Diploma in  
**Cyber Security and  
 India's National Security**



# P. G. Diploma in Cyber Security and India's National Security



## Semester I

Course No.	Course Title	Course Credit	Total Marks
CSNS 1.1	Cyber and India's National Security	4	100
CSNS 1.2	Cyber Law	4	100
CSNS 1.3	Cyber Security Policies, Governance and Compliance	4	100
CSNS 1.4	Practical Component & Research Methodology	4	100

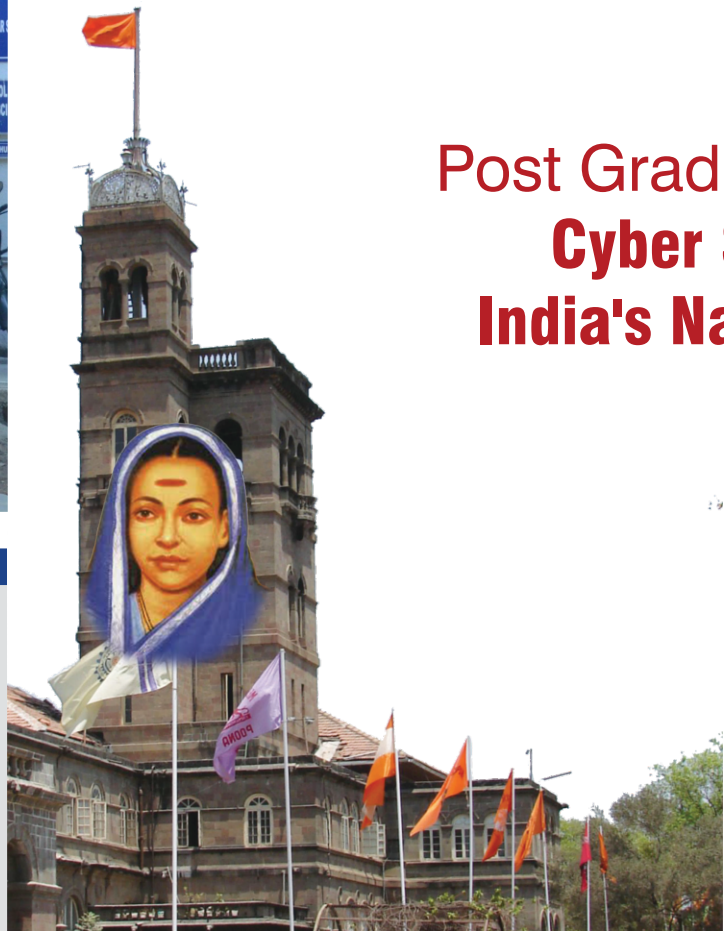
## Semester II

Course No.	Course Title	Course Credit	Total Marks
CSNS 1.5	Geopolitics and Cyber Security	4	100
CSNS 1.6	Cyber Forensics	4	100
CSNS 1.7	Cyber Terrorism and Counter Terrorism	4	100
CSNS 1.8	Dissertation	4	100

Semester	Credits	Marks
Semester 1	16	400
Semester 2	16	400
Total	32	800

### Contact Details

**Prof. (Dr.) Vijay Khare**  
 Head, Department of Defence and Strategic Studies  
 Dr. Babasaheb Ambedkar Bhavan  
 Savitribai Phule Pune University (SPPU), Pune - 411007 (INDIA)  
 Ph.: 91-20- 25621472, 25690050 | Email : ddss@unipune.ac.in | Web.: http://ddss.unipune.ac.in



# P. G. Diploma in Cyber Security and India's National Security

## Features and Scope of the course:

The Post Graduate Diploma in Cyber Security and India's National Security is designed to cover the range of cyber incidents and frauds that commonly affect individuals, organizations and nations on a practically daily basis. The course will provide a compressive view of Cyber Security in Indian scenario – how it affects national security at different levels from individual to state and how the evolution and access to technology has affected the scenario of security.

The aim of the course is to identify basic vulnerabilities, learning to assess the risks to data and self. The course will also cover basic everyday measures to mitigate these risks.

## Objectives of the course:

- To provide students a deeper knowledge on various aspects pertaining to cyber security.
- To cover vulnerability detection and analysis of web applications, mobile applications and other computer systems.
- Study aspects concerning the freedom of expressions using digital technology, the use and abuse of the Internet and the issues of digital piracy, data usage and privacy.
- Discuss the role of multiple cyber agencies, spanning the civil, government and defence domains.
- To acquaint students with the basic concepts of research methodology and help them develop the spirit of scientific inquiry.
- To identify basic vulnerabilities, learn to assess the risk to data and self.
- To introduce students to the principles, procedures and processes of cyber -forensics and cyber- crime investigations.
- To cover the concepts of how cyber-space, cyber-security and cyber-warfare are emulated by various threat actors.
- Gain and understanding of how the evolution and access to technology has affected the scenario of security.

## Structure of the Course:

- The Post Graduate Diploma in Cyber Security and India's National Security allows an in-depth study on various aspects pertaining to Cyber Security.
- The course has 32 credits, divided into two semesters, over one year.

- The course will focus on major thrust areas like, Cyber Security Awareness, Vulnerability Assessment and Penetration Testing (VAPT), Cyber Law, Cyber Forensics, Cyber Security Policies, Governance and Compliance, Geopolitics and Cyber Security etc.

## Course Description and Evaluation:

- Post Graduate Diploma in Cyber Security and India's National Security (CSNS) is a full-time program.
- Medium of instruction is English (Students would however, be permitted to write their examination in Marathi, as an option).
- For assessment, the department will follow the choice-based credit system (CBCS).
- Continuous evaluation system through internal assessment (50%) - assignments, dissertation, term papers and seminars.
- External assessment - end semester examination (50%).

## Method of Teaching:

- Utilize a variety of instructional methods- classroom interactions, tutorials, study of classical texts, case method, debates, field visits, the open book method, round table discussion panels, online learning, problem-based learning, simulation, problem formulation, database searches, comparative studies, preparation of monograph, oral presentations, tutoring, text analysis, problem solving, library work and discussions.
- Special lectures by eminent scholars
- Conduct seminars, webinars and discussion panels

## Career Prospects:

- The course will be beneficial to students and professionals. It will help individuals in pursuing their academic and career goals.
- Opportunities to work in areas of corporate infrastructure and management.
- Prepare for careers related to cyber-laws, cyber-security policy at corporate and national levels.
- Prepare for careers in international/regional organizations.
- Prepare for careers in policy organizations.
- Prepare for careers in Think tanks and research oriented institutes.

## For more information, visit:

- (<http://ddss.unipune.ac.in/index.aspx>)
- (<http://campus.unipune.ac.in>)

**Hurry!**

limited Seats only

Eligibility : Graduate  
in any discipline

Duration : One year  
(Two semesters)