

**PROPOSED SYLLABUS FOR POST GRADUATE DIPLOMA COURSE IN SECURITY MANAGEMENT**

**ABSTRACT**

<b>First Semester</b>				
<b>Code</b>	<b>Paper</b>	<b>L</b>	<b>T/S</b>	<b>Credits</b>
PGDSM-101	Introduction to Security Management	4	1	5
PGDSM-102	Public & Private Security Management Systems	4	1	5
PGDSM-103	Human Resources in Security Management	4	1	5
PGDSM-104	Security Business Development and Management	4	1	5
PGDSM-105	Physical Security Management	4	1	5
Total Credits				25

<b>Second Semester</b>				
<b>Code</b>	<b>Paper</b>	<b>L</b>	<b>T/S</b>	<b>Credits</b>
PGDSM-106	VIP Security Management	4	1	5
PGDSM-107	Industrial Security Management	4	1	5
PGDSM-108	Aviation Security Management	4	1	5
PGDSM-109	Cyber Security Management	4	1	5
PGDSM-110	Internship	-	-	5
Total Credits				25

**Distribution of Credits**

<b>Semester I</b>	<b>Semester II</b>	<b>Total</b>
25	25	50

Note: For the award of PG diploma in Security Management the student shall have to earn all 50 credits.

Note:

L= Lecture 1 hours per week gives 1 credit

T= Tutorial 1 hours per week gives 1 credit

S= Seminar 1 hours per week gives 1 credit

- In case of tutorial, one credit would be equivalent to two hours of teaching.
- Field visit to be a group activity under the supervision of a teacher.
- Presentation to be made on the field visit.
- The dissertation to be written under the supervision of the allotted faculty and the progress of the work would be reviewed through viva-voce during the course of the semester.
- The dissertation will be finally evaluated through a viva at the end of the semester. The external expert will award marks out of 60 and internal supervisor out of 40 marks.

Total Marks of all the Semesters (500+500) = 1000 Marks

**School of Humanities & Social Sciences  
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**Semester I**

**Paper Code: PGDSM - 101**

**Nomenclature of the Paper: INTRODUCTION TO SECURITY MANAGEMENT**

**Lectures- 4, Tutorial- 1**

**Total Credits: 5**

**Mode of Exam: UES**

**Total Marks 100 (75+25)**

**Objective:** To introduce learners to security management, International historical perspective of security and security management principles.

**Course Content:**

**Unit 1: Security and Management**

1. Conceptual Definitions
2. Philosophical and Legal basis of Security
3. Principles of Security

**Unit 2: Basic Types of Security**

1. Personnel
2. Physical
3. Information
4. Document Security
5. Important Assets and Threats to them

**Unit 3: Historical perspective of Security**

1. UK
2. USA
3. INDIA

**Unit 4: Security Management Principles**

1. Developing Security Policy
2. Organizing Security Resources
3. Implementing Security Plans / Programmes

**Suggested Reading**

1. Hill D.A & Rockley I.E, 1981, Security: Its management and control, Business Books.
2. Haldar, Dipak, 1986, Industrial Security in India, Ashish Publishing House.
3. Sabharwal, O.P., 2006, Security Management, Alpha Publications, New Delhi.
4. Rockley, L.E. and Hill D.A. 1981. Security-Its Management and Control Business books Ltd.
5. Sennewald, C., & Baillie, C. (2011). Effective Security Management. Elsevier Publication.
6. Fay, J. (2011). Contemporary Security Management. Elsevier Publication.

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**Semester I**

**Paper Code: PGDSM - 102**

**Nomenclature of the Paper: PUBLIC AND PRIVATE SECURITY MANAGEMENT SYSTEMS**

**Lectures- 4, Tutorial- 1**

**Total Credits: 5**

**Mode of Exam: UES**

**Total Marks 100 (75+25)**

**Objective: To enable learners to understand security management by public and private sector. Also, to learn about special security services provided by public and private sector. This paper also introduces learners to legal basis for public and private sectors security management systems.**

**Course Content:**

**Unit 1: Public Sector Security Management Systems**

1. National Security by Defence Forces,
2. Internal Security by Central Armed Police Forces
3. Law and Order Security by Police.

**Unit 2: Private Sector Security Management Systems**

1. Security in Public places: Security of Banks, Hotels, Hospitals, Malls,
2. Security in Factories,
3. Security in Commercial areas,
4. Security in Residential Locations

**Unit 3: Special Security Services**

1. Personal Security,
2. Event Security,
3. Product Security,
4. Cash-In-Transit Security,
5. Canine (K9) Security,
6. Electronic / ECM Security,
7. Coastal Security,
8. Rail Security.

**Unit 4: Legal Basis for Public/Private Sectors Security Management Systems**

1. Defence Services,
2. CAPF,
3. Police Acts,
4. PSA (Regulation) Act.

**Suggested Reading**

1. Barefoot, J.Kirk and Maxwell David. A, 1987, Corporate Security Administration and Management, Butterworth – Heinemann Publishers
2. Koithara, Varghese, 1999, Society, State and Security – The Indian experience Sage Publications
3. Mathur, K.M.1989. Internal Security Challenges and Police in a Developing Society, RBSA Publishers, Jaipur
4. Dhillon, B.S. 2009. The Black Cats: Technology and National Security. P.40-46
5. Mess, K. (2009). Introduction to Private Security. Fifth Edition. Cengage Learning, Canada.

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**Semester I**

**Paper Code: PGDSM - 103**

**Nomenclature of the Paper: HUMAN RESOURCES IN SECURITY MANAGEMENT**

**Lectures- 4, Tutorial- 1  
Mode of Exam: UES**

**Total Credits: 5  
Total Marks 100 (75+25)**

**Objective:** To enable the learners to understand concept of professionalism in security industry. The learners shall be acquainted with duties and responsibilities of security staff along with the requisite knowledge about equipment and documentation necessary for a security staff.

**Course Content:**

**Unit 1: The Concept of Professionalism in Security Staff**

1. General Introduction about the concept of professionalism
2. Educational Qualification
3. Physical fitness,
4. Recruitment,
5. Training and Development
6. Team Work,
7. Etiquettes and Manners,
8. Morale and Discipline.

**Unit 2: Duties and Responsibilities of Security staff**

1. Senior Level - CSO /Director,
2. Middle Level - General Manager /Manager / Security officer,
3. Field Level -Security Supervisor, Security Guard.

**Unit 3: Equipment of Security Staff**

1. Dress, ID, Baton, Walkie/Talkie, Mobile,
2. Whistle, Torch, Wrist Watch, Pen, Note Book, Fire Extinguishers,
3. First Aid Kit, Fire Arms and Transport.

**Unit 4: Documentation by Security Staff**

1. Security SOPs,
2. Registers
3. Reports.

**Suggested Reading**

1. Sabharwal, O.P., 2006, Security Management, Alpha Publications, New Delhi
2. Shrivastava, R.K. and Guru Prasad. 1990. Industrial Security, some new challenges – a Collection of Papers. Central Industrial Security Force. Delhi P 29-31
3. Rockley, L.E. and Hill D.A. 1981. Security-Its Management and Control Business books Ltd.
4. Ampeliotis, T, L. (2006). Bonding: Integrating a Human Resource and Security Paradigm Change through Effective Leadership. iUniverse Publication.

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Semester I**

**Paper Code: PGDSM - 104**

**Nomenclature of the Paper: SECURITY BUSINESS DEVELOPMENT AND MANAGEMENT**

**Lectures- 4, Tutorial- 1  
Mode of Exam: UES**

**Total Credits: 5  
Total Marks 100 (75+25)**

**Objective:** The paper informs the learners about basic requirements for establishing a private security agency. After completion of this paper, the learners shall be able to evaluate risk and deal with critical situations. The paper also focuses on teaching learners about ways and means to liaison with other relevant organisations.

**Course Content:**

**Unit 1: An overview of business development**

1. Basic Requirement for establishing a Private Security Agency.
2. Problems and constraints in developing a private Security Agency
3. Process and Practices for Security Business Development

**Unit 2: Tactics for running the private security agency**

1. Security Business Marketing,
2. Proposal Making
3. Award of work.

**Unit 3: Assessment and evaluation**

1. Security Survey and Audit,
2. Analyses of Threats,
3. Vulnerabilities and Risks,
4. Risk Management & Risk Transfer
5. Loss Prevention.
6. Drawing and implementing Security Plan and Customer Care.

**Unit 4: Dealing with Critical Situations**

1. Sabotage,
2. Subversion,
3. Espionage,
4. Crisis and Industrial Relations Management.

**Unit 5: Liaising and Compliance**

1. Liaising with Police and other Support Agencies
2. Liaising with other Support Agencies
3. Compliance of Statutory and Regulatory Provisions
4. Guidelines.

**Suggested Reading**

1. Cabric Marco (2015). Corporate Security Management: Challenges, Risks and Management. Butterworth-Heinemann Publication.
2. Dempsey, J. (2010). Introduction to Private Security. Cengage Learning.
3. Wright, C. (2016). Fundamentals of Information Security Risk Management Auditing. IT Governance Ltd.
4. Kerr, D. (Ed.). (2010). Digital Business Security Development: Management Technologies: Management Technologies. IGI Global.
5. Davies, S. J. (2016). Women in the Security Profession: A Practical Guide for Career Development. Butterworth-Heinemann.

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**Paper Code: PGDSM - 105**

**Nomenclature of the Paper: PHYSICAL SECURITY MANAGEMENT**

**Lectures- 4, Tutorial- 1**

**Mode of Exam: UES**

**Total Credits: 5**

**Total Marks 100 (75+25)**

**Objective:** The learner shall be able to understand different levels of physical security and measures adopted by security agencies. The paper shall inform the learner about perimeter security measures, access control, forms of barriers and security devices.

**Course Content:**

**Unit 1: Emergence and levels of Physical Security**

1. Emergence and development of physical security
2. Security for survival and safety
3. Levels of Physical Security: Minimum Security, Low Level Security, Medium Security, High Level Security and Maximum Security.

**Unit 2: Perimeter Security Measures**

1. Moats, Walls, Fences, Watch Towers,
2. Lighting, Alarms, Windows, Grills,
3. Upgrading Roofs, Floors, Doors, Locks,
4. Key Control, Response Force,
5. Communications and Patrolling,

**Unit 3: Access Control**

1. Personnel and Vehicle Entry / Exit Points,
2. ID Badges, Smart Cards, Visitor Pass,
3. Baggage Check, Searching, Frisking and Escorting.

**Unit 4: Security Areas and Security Barriers**

1. Designing Security Area,
2. Demarcating Restricted and Control area,
3. Limited and Exclusion Areas
4. Security Barriers: Natural, Structural, Human, Animal and Energy Barriers.

**Unit 5: Security Devices**

1. Use of Biometrics,
2. DFMD, HHMD,
3. Mirrors,
4. CCTV,
5. Alarms, Breath Analyzer and other security equipments.

**Suggested Readings**

1. Fennelly, L. (2016). Effective Physical Security. Butterworth-Heinemann.
2. Truett A. Ricks, Bobby E. Ricks, Jeffrey Dingle (2014). Physical Security and Safety: A field guide to practitioner. CRC Press.
3. Khairallah, M. (2005). Physical security systems handbook: The design and implementation of electronic security systems. Butterworth-Heinemann.
4. White, J. M. (2014). Security Risk Assessment: Managing Physical and Operational Security. Butterworth-Heinemann.
5. Roper, C. (1997). Physical security and the inspection process. Butterworth-Heinemann.
6. Baker, P. R., & Benny, D. J. (2012). The complete guide to physical security. CRC Press.

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**Semester II**

**Paper Code: PGDSM - 106**

**Nomenclature of the Paper: VIP SECURITY MANAGEMENT**

**Lectures- 4, Tutorial- 1**

**Mode of Exam: UES**

**Total Credits: 5**

**Total Marks 100 (75+25)**

**Objective:** This paper aims to acquaint learners with in-depth understanding of aspects related to VIP security management. The learner shall learn about forms of threat to VIPs and various categories of VIP security.

**Course Content:**

**Unit 1: An overview**

1. Security of VIPs
2. Security of Other Protected Dignitaries
3. Assessing Nature and Degree of Security Threats to them

**Unit 2: Forms of threats**

1. Acts of Violence
2. Assassination by IEDs,
3. Use of Fire Arms, Letter and Parcel Bombs
4. Other Lethal Weapons - Swords, Knives, Poison, Substances

**Unit 3: Acts of Sabotage in the Offices & VIPs residence**

1. Residential Buildings by hidden IEDs,
2. Listening Devices,
3. Anonymous Letters
4. False Threat Calls

**Unit 4: Various categories of Security and schemes**

1. Z, Y and X categories
2. Protection Schemes,
3. Training,
4. Use of Weapons,
5. Equipments of PSOs/BGs

**Unit 5: Security of various categories of VIPs**

1. President of India: By President Security Guards
2. Security of PM /Ex PMs of India: By Special Protection Group
3. Security of Protected Dignitaries: By State/ UT Police respectively

**Suggested Reading**

1. Fay, J. (2007). Encyclopaedia of security management. Elsevier.
2. S. M. Shukla (2017). Security Management: A Comprehensive Guide for Improving Security Environment. Notion Press.
3. Fay, J. (2010). Contemporary security management. Elsevier.
4. Sennewald, C. A., & Baillie, C. (2015). Effective security management. Butterworth-Heinemann.
5. Davies, S. J. (Ed.). (2007). Security supervision and management: The theory and practice of asset protection. Elsevier.
6. Stuart, S. (2016). Protection Officer Training Manual. Elsevier.

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**Semester II**

**Paper Code: PGDSM - 107**

**Nomenclature of the Paper: INDUSTRIAL SECURITY MANAGEMENT**

**Lectures- 4, Tutorial- 1**

**Mode of Exam: UES**

**Total Credits: 5**

**Total Marks 100 (75+25)**

**Objective:** To familiarize readers with Industrial security in India, categorization of industries and treats to industries. The paper also teaches about preventive and detective skills. The learners are introduced to important legal provisions pertaining to security management in India.

**Course Content:**

**Unit 1: An overview**

1. An introduction to Industrial Security in India
2. Security management of Industries with Planned Growth & level of Industrialization
3. Security at Blue Print Stage and to be Cost Effective.

**Unit 2: Categorization of Industries**

1. A B C Category on basis of the National Defence,
2. Categorisation on the basis of National Economy: importance & relevancy

**Unit 3: Threats to Industries**

1. Industrial Espionage,
2. Sabotage and Subversion
3. Critical Industrial Situations: Strike, Lockout, Layoff, Closure, Holdups, Gherao,
4. Thefts, Pilferages, Mob Violence, Fire & Natural Calamities.

**Unit 4: Preventive Skills**

1. Secret Enquiry,
2. Surveillance,
3. Other Intelligence Skills

**Unit 5: Detective Skills and Protection Schemes**

1. Investigation of Incidents / site visit, Interrogation,
2. Collection of evidence, Taking of notes and Recording of statements.
3. Fire Protection Schemes

**Unit 6: Legal provisions**

1. Industrial Employment (Standing Orders) Act, 1946,
2. PSA(R) Act, 2005,
3. Compliance of Labour Laws

**Suggested Readings**

1. Subramanian, S. (2006). Industrial Security Management. Gyan Publishing House.
2. Sharma, R. P. (2005). Industrial Security Management. New Age International.
3. Russell, D. L., & Arlow, P. C. (2015). Industrial Security: Managing Security in the 21st Century. John Wiley & Sons.
4. Cabric, M. (2015). Corporate security management: Challenges, risks, and strategies. Butterworth-Heinemann.



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**Semester II**

**Paper Code: PGDSM - 108**

**Nomenclature of the Paper: AVIATION SECURITY MANAGEMENT**

**Lectures- 4, Tutorial- 1**

**Mode of Exam: UES**

**Total Credits: 5**

**Total Marks 100 (75+25)**

**Objective: To enable learners to understand aviation security management.** The learner shall be able to study different types of threats to aviation security, setting up preventive measures, important security checks in airports and learners shall be able to get an overview of International perspective on legal provisions of aviation security management.

**Course Content:**

**Unit 1. Civil Aviation**

1. Principles of aviation security  
Most threatened Public Travel Facility / Service
2. An attractive target for attack by Threat Groups.
3. Past Incidents.

**Unit 2: Threats**

1. Conventional Threats: (a) Hijacking, (b) Sabotage, (c) Fire, & (d) other Criminal Acts
2. Emerging Threats: (a) Attack by Missiles, (b) CBRN Devices, (c) CEM Systems (d) Attack by Suicide Pilot / Bomber using aircraft as WMD.

**Unit 3: Civil Aviation Security Set Up and Measures in India**

1. Bureau of Civil Aviation Security
2. Aviation Security (AVSEC) Measures: Baseline Security Measures
3. Enhanced Threat Measures & Contingency Plan for Extreme Threat

**Unit 4: Security Checks**

1. Anti Hijacking,
2. Anti Sabotage,
3. Anti-Smuggling.
4. Immigration /Emigration Check, Baggage Check, Catering Check,
5. Aircraft check and PAX Frisking and Profiling.
6. Recognition and disposal of IEDs and seizure of other Prohibited Articles  
And Substances

**Unit 5: International provisions and Role of various agencies**

1. Aviation related International Instruments,
2. International Programmes, Standards & Practices
3. Aviation Security Responsibility: Role of various agencies

**Suggested Reading**

1. Thomas, A. R. (Ed.). (2008). Aviation Security Management [3 volumes]. ABC-CLIO.
2. Price, J., & Forrest, J. (2016). Practical aviation security: predicting and preventing future threats. Butterworth-Heinemann.
3. Meurant, G. (2013). Airport, Aircraft, and Airline Security. Elsevier.
4. Major, J. C. (2010). Air India Flight 182: Aviation security (Vol. 4). Commission of Inquiry into the Investigation of the Bombing of Air India Flight 182.

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Semester II**

**Paper Code: PGDSM – 109**

**Nomenclature of the Paper: CYBER SECURITY MANAGEMENT**

**Lectures- 4, Tutorial- 1**

**Mode of Exam: UES**

**Total Credits: 5**

**Total Marks 100 (75+25)**

**Objective:** To acquaint learners with the introduction to cyberspace and cybercrime. The learners shall be able to understand application of cyber security management via different auditing methodology. The paper also covers areas on risk management in cyberspace.

**Course Content:**

**Unit I Introduction to cyberspace**

1. Cyber Crime- Overview, Internal and External Attacks, Attack Vectors.
2. Cybercrimes against Individuals – E-mail spoofing and online frauds, Phishing and its forms, Spamming, Cyber-defamation, Cyberstalking, Cyber Bullying and harassment, Computer Sabotage,
3. Pornographic offenses, Password Sniffing.
4. Keyloggers and Screenloggers.
5. Cyber Crimes against Women and Children.

**Unit II Cybercrime**

1. Cybercrime against organization – Unauthorized access of computer, Password Sniffing, Denial-of-service (DOS) attack, Backdoors and Malwares and its types, E-mail Bombing, Salami Attack, Software Piracy, Industrial Espionage, Intruder attacks.
2. Security policies violations,
3. Crimes related to Social Media, ATM, Online and Banking Frauds.
4. Intellectual Property Frauds.

**Unit III- Introduction to International Standards and Audit Methodology**

1. Audit Life Cycle Initiation – Commencement, Discovery Stage, Maturation Stage, Predictive Stage.
2. PDCA – Cycle Plan, Do, Check, Act.
3. Types of Audit - Internal, External - Mandatory and – Statutory.
4. ISMS 27001 ISO Standards – Introduction and Applicability.
5. SOX – International Compliance – Introduction and Applicability.
6. HIPPA – International Compliance – Introduction and Applicability.
7. Oversight and Introduction to Common Risk Infrastructure.

**Unit IV - Risk Management**

1. Introduction. Method and Principles.
2. Classes or Types of Risk.
3. Process, Mitigation - Potential risk treatments - Risk management plan- Implementation, Limitation.
4. Types of risk management for projects - For natural disasters - Of information technology - In petroleum and natural gas.
5. Business Continuity and Planning

**Suggested Reading**

1. Nina Godbole and Sunit Belapore; “Cyber Security: Understanding Cyber Crimes, Computer Forensics and Legal Perspectives”, Wiley Publications, 2011.
2. Bill Nelson, Amelia Phillips and Christopher Steuart; “Guide to Computer Forensics and Investigations” – 3rd Edition, Cengage, 2010 BBS.
3. Atul Jain; “Cyber Crime: Issues, Threats and Management”, 2004.
4. Chris Jackson; “Network Security Auditing”, CISCO Systems Inc., 2010.
5. Roobert Moeller; “IT Audit, Control and Security”, John Wiley & Sons, 2010.
6. A. Refsdal, B. Solhaug, K. Stølen; “Cyber-Risk Management”, Springer, 2015.
7. Domenic Antonucci; “The Cyber Risk Handbook: Creating and Measuring Effective Cybersecurity Capabilities”, Wiley Finance Series, 2017.

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**Semester II**

**Paper Code: PGDSM - 110**

**Nomenclature of the Paper: INTERNSHIP**

**Mode of Exam: UES**

**Total Credits: 5**

**Total Marks 100 (75+25)**

**Objective:** To conduct a field study on real life situations concerning security management; to enable learners to be able to critically analyse complexities of problems in physical and digital space. The learners shall be exposed to dealing mechanisms of security providers and acquire training skills necessary for security staff.

This semester will include two weeks Internship. The student will submit report which will have 100 marks (50 marks for report and 50 marks for viva). This will give 5 credits to the student.