MANGALORE UNIVERSITY

(Accredited by NAAC with 'A' Grade)

No. MU/ACC/CR19/S & D.Sc./2015-16/A2

Office of the Registrar
Mangalagangothri - 574 199

Date : 5/7/2016

NOTIFICATION

Sub: Revised Syllabus of B.A. [Security & Detective Science] degree programme.

Ref: Approval of the Academic Council at its meeting held on 25-1-2016.

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The revised Syllabus of B.A. [Security and Detective Science] degree programme, which approved by the Academic Council at its meeting held on 25-1-2016, is hereby notified for implementation with effect from the academic year 2016-17.

REGISTRAR

To:

1) The Principal of the colleges concerned.
2) The Registrar [Evaluation], Mangalore University.
3) The Chairman, UG BOS in Security & Detective Science, Mangalore University.
4) The Superintendent, ACC Section, O/o. the Registrar, Mangalore University.
5) Guard file.

MANGALORE UNIVERSITY

SYLLABUS OF B.A DEGREE PROGRAMME IN SECURITY AND DETECTIVE SCIENCE

FIRST SEMESTER

Groups	Description of papers with code	Hours of Instruction / Week	Duration of Exam (Hours)	IA	Marks Exam	Total	Credits
Group-I	Language-I	4	3	20	80	100	2
	Language-II	4	3	20	80	100	2
SD 101	Fundamentals of Criminology	6	3	30	120	150	3
SD 102	Principles of Security	6	3	30	120	150	3
SD 103	Basic Concepts of Investigation	6	3	30	120	150	3
Group-III	Foundation Course – Constitution of India	4	3	20	80	100	2
Group-IV	Co-Extra Curricular Activities	--	--	50	--	50	1
Total		**30**	**--**	**--**	**--**	**800**	**16**

DETAILED SYLLABUS

SD 101 – FUNDAMENTALS OF CRIMINOLOGY

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. Nature, Origin and Scope of Criminology
2. Social and Legal concept of Criminology
3. Criminology and Criminal justice system
4. Crime and Social Problem

UNIT – II GENERAL PRINCIPLES OF CRIMINOLOGY

1. School of Criminology

2. Theories of Criminology

3. Approaches to Criminology

4. Social change and Crime

UNIT – III CONTEMPORARY CRIMES

1. Conventional and New forms of Crime

2. Crime against women and children

3. White Collar and Organized Crime

4. Terrorism and Cyber Crimes

UNIT – IV CRIME IN INDIA

1. Extent of Crime in India

2. National crime record bureau

3. Prevention of crime

4. Efforts of UN Crime Congress

REFERENCES:

1. Conklin J.E: Criminology

2. Titus Reid: Crime & Criminology

3. Siddique A: Criminology – Problems & Perspective

4. George Vold & Thomas J Bernard: Theoretical Criminology

5. Kelly Frailing & Dee Wood Harper: Fundamental of Criminology

6. Sandra Walklate: Criminology the basics

7. Gennaro, Jeffrey & Ronald M Holmes: Criminology

8. Clive Coleman & Clive Norris: Introducing Criminology

DETAILED SYLLABUS

SD 102 – PRINCIPLES OF SECURITY

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. Evolution of Security
2. Public Safety and Security
3. National Security and Defense
4. Global Security

UNIT – II SECURITY CONCEPTS

1. Private Security
2. Investigative Security
3. Public and Private Partnership of Security
4. Homeland security

UNIT – III SECURITY CATEGORIES

1. Premises Security
2. Personal Security
3. Work place Security
4. Computer Security

UNIT – IV SECURITY OPERATIONS

1. Surveillance Operations
2. Undercover Operations
3. Protection Operations

4. Data Operations

REFERENCES:

1. John S Dempsey: Introduction to Private Security
2. Clifton L Smith & David J Brooks: Security Science
3. Karen M. Hess: Introduction to Private Security
4. Robert H. Deatherage: Security operations
5. Mary Kaldor & Lavor Rangelov: The Handbook of Global Security Policy
6. Paleri: National Security: Imperatives and Challenges
7. Robert, Edward & David C Walters: Introduction to Security
8. P.J Ortmeier: Public Safety and Security Administration

DETAILED SYLLABUS

SD 103 – BASIC CONCEPTS OF INVESTIGATION

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. Meaning, Definition and Scope of Investigation
2. History, theory, policy and practice of Investigation
3. Attributes and Ethics of a Professional Investigator
4. Law and legal procedures on Police & Private Investigations in India

UNIT – II FUNDAMENTALS OF INVESTIGATION

1. Basics of Investigation
2. Methods of Investigation
3. Investigation Plan

4. Report Writing

UNIT – III INVESTIGATION TECHNIQUES

1. Handling evidence
2. Collection / documentation of evidence
3. Interview / Statements
4. Court Testimony

UNIT – IV TYPES OF INVESTIGATION

1. Civil and Criminal Investigation
2. Matrimonial or Domestic Investigation
3. Background and due diligence Investigation
4. General, Legal, Insurance & Corporate Investigation

REFERENCES:

1. Tim, Tom & Ian Wright: Handbook of Criminal Investigation
2. Anthony Manley: The Elements of Private Investigation
3. Thomas P. Mauriello: Police Investigation Handbook
4. Shila L Stephens: Private Investigation book
5. Philip A. Becnel: Private Investigation Entry level
6. Rory J. Mc Mahon: Practical Handbook for Professional Investigators
7. Charles Neuf: Enter the world of Private Investigations
8. Joseph A Travers: Introduction to Private Investigation

SECOND SEMESTER

	Description of papers with code	Hours of Instruction / Week	Duration of Exam (Hours)	IA	Marks Exam	Total	Credits
Group-I	Language-I	4	3	20	80	100	2
	Language-II	4	3	20	80	100	2
SD 151	Criminal Psychology	6	3	30	120	150	3
SD 152	Security Management & Investigation	6	3	30	120	150	3
SD 153	Private Investigation	6	3	30	120	150	3
Group-III	Foundation Course – Human Rights, Gender Equity & Environment	4	3	20	80	100	2
Group-IV	Co-Extra Curricular Activities	--	--	50	--	50	1
Total		**30**	**--**	**--**	**--**	**800**	**16**

DETAILED SYLLABUS

SD 151 – CRIMINAL PSYCHOLOGY

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. Meaning, Definition and branches of Psychology

2. Scope of Psychology

3. Methods of Psychology

4. Application of Psychology

UNIT – II FUNDAMENTALS OF CRIMINAL PSYCHOLOGY

1. Concept of normality
2. Concept of abnormality
3. Motives behind criminal behaviour
4. Criminal attitude & Anti-social behaviour

UNIT – III STATE OF MIND AND BODY LANGUAGE

1. Consciousness and its changes
2. Perspective and development
3. Learning and remembering
4. Gestures, postures, moods and emotions

UNIT – IV REHABILITATION AND PSYCHOLOGICAL WELLBEING

1. Health and stress
2. Psychological wellbeing
3. Rehabilitation of criminals
4. Behaviour modification

REFERENCES:

1. Russil Durrant: An Introduction to Criminal Psychology
2. Ray Bull & Tim Grant: Beginners guide to Criminal Psychology
3. Francis Pakes & Suzanne Pakes: Criminal Psychology
4. Diana Dwyer: Angels on Criminal Psychology
5. Clive R Holin: Psychology and Crime

DETAILED SYLLABUS

SD 152 – SECURITY MANAGEMENT & INVESTIGATION

(Duration: 20hrs for each unit)

UNIT – I HISTORY OF SECURITY INDUSTRY

1. Industrial Revolution
2. Age of Technology and human relations
3. Police and Security
4. Demand for Security Services

UNIT – II SECURITY MANAGEMENT

1. Organization principles
2. Organization Structure
3. Role of Security in the Organization
4. Role of Management and employees

UNIT – III SECURITY PERSONNEL MANAGEMENT

1. Recruitment and training
2. Support and Motivation
3. Appraising and promotion
4. Discipline and discharge

UNIT – IV SECURITY STRATEGY

1. Risk and threat assessment
2. Physical security safeguards
3. Pre-employment screening
4. Concentric protection

REFERENCES:

1. Charles A. Sennewald: Effective Security Management
2. John Fay: Contemporary Security Management
3. Robert D. Mc Crie: Security Operations Management
4. Larry Gene Nicholson: Security Investigations-A professional's guide

5. Michael Land & Bobby Ricks: Security Mgmt-A critical thinking approach

6. Charles & John Sukayama: The Process of Investigation-Concepts & Strategies

DETAILED SYLLABUS

SD 153 – -PRIVATE INVESTIGATION

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. Meaning, Definition and Purpose of Private Investigation
2. History of Private Investigation
3. Police verses Private Investigators
4. Legal limitation of a Private Investigation

UNIT – II FUNDAMENTALS OF PRIVATE INVESTIGATION

1. The Investigative Process
2. Qualities of Private Investigator
3. Essential skills of Private Investigator
4. Professional Ethics

UNIT – III INVESTIGATIVE TECHNIQUES

1. Tailing, Shadowing & Imaging Techhniques
2. Communication and Observation Techniques
3. Interviewing & Interrogation Techniques
4. Information Sourcing Techniques

UNIT – IV SPECIALIZATION IN PRIVATE INVESTIGATION BUSINESS

1. Due Diligence & Background Investigator
2. Bounty Hunter & Skip Tracer
3. Fraud & Financial Investigator

4. Infidelity & Cheating spouse Investigator

REFERENCES:

1. Joseph Travers: The Original Private Investigator\s Handbook

2. Dahn Batchelor: How to be a good Private Investigator

3. Anthony Manley: The elements of Private Investigation

4. Philip A. Becnel: Private Investigator Entry Level

5. Michael Cavallaro: How to Open & Operate financially successful P.I Business

6. Douglas Crewse: The Business of Private Investigation

7. Chris Cooper: Behind the Private Eye – Techniques and Tales

8. Charles A Sennewald: Process of Investigation

THIRD SEMESTER

Group-II	Description of papers with code	Hours of Instruction / Week	Duration of Exam (Hours)	IA	Marks Exam	Total	Credits
SD 201	Criminal Law and Procedure	6	3	30	120	150	3
SD 202	Security and Vigilance	6	3	30	120	150	3
SD 203	Forensic Science	4	3	20	80	100	2
SD 204	Criminal Investigation	4	3	20	80	100	2
SD 205	Human Anatomy	4	3	20	80	100	2
SD 206	Criminal Investigation (Practical)	3	3	10	40	50	1
SD 207	Human Anatomy (Practical)	3	3	10	40	50	1
	Co-Extra Curricular Activities	--	--	50	--	50	1
Total		**32**	**--**	**--**	**--**	**800**	**16**

DETAILED SYLLABUS

SD 201 – CRIMINAL LAW AND PROCEDURE

(Duration: 20hrs for each unit)

UNIT – I GENERAL PRINCIPLES AND SPECIFIC OFFENCES

1. Elements of Criminal liability

2. Principles of Group liability (Sec.34, 109, 120B, 149 IPC)

3. Offences against person (Homicide, Kidnapping, Abduction, Rape)

4. Offences against property (Theft, Robbery, Dacoity, Cheating, Criminal Breach of Trust

UNIT – II GENERAL EXCEPTION

1. Right to Private defense against person

2. Right to Private defense against property

3. Insanity and Intoxication

4. Necessity and Mistake

UNIT – III CRIMINAL INVESTIGATION AND PROSECUTION

1. FIR, Investigation, Arrest and Charge Sheet

2. Custody, Remand and Bail

3. Prosecution

4. Process to ensure attendance of Summons, Warrant & Search Warrant

UNIT – IV CRIMINAL TRAIL

1. Summary trail, Summons trail, Warrant trail & Sessions trial

2. Right to Accused (pre-sentence hearing Sec. 235(2) & 248(2), fair trial, Right against self incrimination)

3. Rights of Victims (Plea bargaining & Victim participation)

4. Punishment under IPC and Free Legal Aid

REFERENCES:

1. Ratan Lal & Dhiraj Lal: Indian Penal Code

2. Ratan Lal & Dhiraj Lal: The code of criminal procedure

3. Kelkar R.V: Criminal Procedure

4. Gaur K.D: Criminal Law and Procedure

5. Shiv Kumar Dogra: Criminal Justice Administration in India

6. Monica Sakhrani: Citizens Guide to Criminal Law

DETAILED SYLLABUS

SD 202 – SECURITY & VIGILANCE

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. Meaning and Scope of Vigilance
2. Role of Vigilance in Disciplinary proceedings
3. Investigation of fraud and corruption cases
4. State and Central Vigilance Commission

UNIT – II DYNAMICS OF SECURITY

1. Espionage and Surveillance
2. Threat Analysis
3. Information and Intelligence
4. Physical security process

UNIT – III TYPES OF SECURITY MANAGEMENT

1. Access control systems
2. Security alarm systems
3. Fire alarm systems
4. Emergency preparedness plan

UNIT – IV PRIVATE SECURITY AND RELATED LAW

1. Security Guards duties and responsibility
2. Security and Safety practices
3. Security survey, plan and audit

4. The Private Security Agency (Regulation) Act, 2005

REFERENCES:

1. Haldar Deepak: Industrial Security in India
2. Chaturvedi T.N: Indian Banking- Crime & Security in India Banks
3. Ranjit Sen Gupta: Management of Internal Security
4. Chitkara M.G: Corruption 'N' Cure
5. Mitra Chandran: The Corrupt Society
6. Sinha R.K: Crimes affecting State Security

DETAILED SYLLABUS

SD 203 – FORENSIC SCIENCE

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. Basic idea of Forensic Science & Forensic Scientists
2. Application and uses of Forensic Science
3. Locard's Exchange Principle
4. Forensic laboratories & world-wide crimes

UNIT – II TIME OF DEATH IN FORENSICS

1. Differentiate Algor Mortis, Rigor Mortis & Liver Mortis
2. States of Putrefaction
3. Forensic Entomology to determine time of death
4. Techniques used for dating old bones

UNIT – III BLOOD IN FORENSICS

1. Blood biochemistry & blood typing
2. Identification & Individualization of blood

3. Precipitin Technology

4. Blood spatter patterns and analysis

UNIT – IV DNA IN FORENSICS

1. Nature of DNA

2. Techniques in DNA profiling

3. Paternity & maternity testing

4. Influence of DNA in police work

REFERENCES:

1. Nabar B.S: Forensic Science in Crime Investigation

2. Sharma B.R: Forensic Science in Criminal Investigation & Trials

3. Subramanyam B.V: Modi's Medical Jurisprudence & Toxicology

4. Ramesh Chandra: Forensic Science and Crime Investigation

5. Lisa Yount: Forensic Science – From fibres to fingerprints

6. James E Girard: Criminalistics - Forensic Science and Crime

7. Max M. Houck: Forensic Science

8. Jim Fraser & Robin Williams: Handbook of Forensic Science

DETAILED SYLLABUS

SD 204 – CRIMINAL INVESTIGATION

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. History of Criminal Investigation

2. Police and Criminal Investigation

3. Modern Crime Investigator

4. Crime Investigator and Law

UNIT – II FUNDAMENTALS OF CRIMINAL INVESTIGATION

1. Documenting the Crime Scene
2. Searches and Writing effective Reports
3. Information gathering and obtaining Forensic Evidence
4. Identifying and arresting suspect

UNIT – III SCIENTIFIC INVESTIGATIVE TECHNIQUES

1. Lie Detector or Polygraph Test
2. Brain Fingerprinting or Brain Mapping Test
3. Truth Serum or Narco Analysis Test
4. DNA Test

UNIT – IV CHALLENGES TO CRIMINAL INVESTIGATION

1. Assault, Injury and Death Investigation
2. Theft, Robbery and Burglary Investigation
3. Sex, Drug and Organized Crime Investigation
4. Arson, Bomb and Terrorism Investigation

REFERENCES:

1. Karen Hess & Christine Hess Orthmann: Criminal Investigation
2. Michael F. Brown: Criminal Investigation: Law & Practice
3. Ronald F. Becker: Criminal Investigation
4. Tim, Tom & Ian Wright: Handbook of Criminal Investigation
5. Michael J Palmiotto: Criminal Investigation
6. Joseph L Giacalone: The Criminal Investigative Function
7. Peter Stelfox: Criminal Investigation – An introduction to principles & practice
8. Michael Birzer & Cliff Roberson: Introduction to Criminal Investigation
9. V. Sithannan: Police Investigation – Powers, Tactics & Techniques

DETAILED SYLLABUS

SD 205 – HUMAN ANATOMY

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION TO ANATOMY

1. Composition of body
2. Body regions
3. Cell and cell division
4. Tissue of the body

UNIT – II CARTILAGE, BONE & JOINTS

1. General features and growth of cartilage
2. Function and Classification of bone
3. Factors regulating bone growth
4. Trauma and injury

UNIT – III MUSCLES, BLOOD VESSELS & LYMPHATIC SYSTEM

1. Different types of muscles
2. Blood vessels
3. Lymphatic organs
4. Lymph nodes

UNIT – IV NERVOUS SYSTEM, MUSCULO SKELETAL SYSTEM

1. Classification and types of neuron
2. Spinal nerve and cranial nerve
3. Identification of bones of upper and lower limbs with general features

4. Muscles, nerves and nerves of upper limb and lower limb

REFERENCES:

1. Dr. Sampath Madyastha: Manipal Manual of Anatomy
2. Byas Deb Ghosh: Human Anatomy for Students
3. Priya Ranganath & Others: Basics in Human Anatomy
4. Frank H. Netter: Atlas of Human Anatomy
5. Margaret Matt & Joe Ziemian: Human Anatomy
6. Peter L. Williams: Gray's Anatomy
7. GP. Pal: Human Osteology
8. S. Jacob: Human Anatomy

DETAILED SYLLABUS

SD 206 – CRIMINAL INVESTIGATION (PRACTICAL)

(Duration: 8 Weeks)

Each student will carry out a field work under the guidance of the Course Supervisor by selecting a topic related to criminal investigation and getting themselves permission from the District Police/Commissioner of Police Office or get permission from any NGO working in the field of Protection of Human Rights to participate in the investigation or fact finding team before the start of the Semester – III at the college level.

The student has to carry out field work for a minimum period of six weeks and prepare a daily diary for that period. The field work of about 2000 words excluding foot notes and references shall be submitted along with the Daily Diary Report for evaluation.

The evaluation of each Field Work Report (submitted after being duly signed by the course supervisor & Principal) will be carried out by the Board of Examiner.

FIELD WORK

1) A written Field Instruction by the Course Supervisor should be handed over to each student to either visit Police Station / NGO or both.

2) Individual student should visit the allotted Police Station/NGO for understanding the administration and functioning of the setup during the specified time and utilize every opportunity to record the details.

3) Student should record the case history in Daily Diary Report on daily basis.

4) Case study of minimum 5criminal cases should be recorded.

5) Field Work Report along with Daily Diary should be submitted for Viva Voce

SYLLABUS MODIFICATION

SD 207 – HUMAN ANATOMY (PRACTICAL)

(Duration: 8 Weeks)

The students should be taken for academic visit to any anatomy lab of nearby medical college along with course supervisor and all the following details should be explained to them;

I. Identification of

a) Human Skeleton – axial & appendicular bones
b) Side Determination and Humerus, radius, ulna, femur, tebia Fibula, scapula, clavicle and ribs.
c) Forensic importance – sex and aging of bones, epiphysis, Diaphysis development

II. Models, Charts and Videos will be used

a) Urinary system
b) Digestive system
c) Respiratory system
d) Nervous system
e) Reproductive system

The evaluation of the record book (submitted after being duly signed by the Course Supervisor & Principal) will be carried out by the board of examiner.

FOURTH SEMESTER

Group-II	Description of papers with code	Hours of Instruction / Week	Duration of Exam (Hours)	IA	Marks Exam	Total	Credits
SD 251	Geographical Study of India & World map	6	3	30	120	150	3
SD 252	Labour Law & Welfare	6	3	30	120	150	3
SD 253	Evidence Act	6	3	30	120	150	3
SD 254	Prison Administration	4	3	20	80	100	2
SD 255	Forensic Techniques	4	3	20	80	100	2
SD 256	Prison Administration(Practical)	3	3	10	40	50	1
SD 257	Forensic Techniques (Practical)	3	3	10	40	50	1
	Co-Extra Curricular Activities	--	--	50	--	50	1
Total		**32**	**--**	**--**	**--**	**800**	**16**

DETAILED SYLLABUS

SD 251 – GEOGRAPHICAL STUDY OF INDIA AND WORLD MAP

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION TO GEOGRAPHY

1. Nature and scope of physical geography

2. Meaning, scope and development of human geography

3. Nature, scope and development of economic geography

4. Geography of India

UNIT – II GEOGRAPHY OF DISASTER MANAGEMENT

1. Introduction to hazards & disasters

2. Basic concept in disaster management

3. Structural and non-structural measures

4. Climatic disasters & their management

UNIT – III GEOGRAPHICAL ANALYSIS

1. Meaning, definition and types of map & scales

2. Need & classification of map projection

3. Data representation by graphs & diagrams

4. Basic analysis of statistical data

UNIT – IV APPLICATION OF REMOTE SENSING, GIS AND GPS

1. Meaning & definition of remote sensing

2. Meaning, concept, components & Operation of GIS

3. Definition, types and application of GPS

4. Elements of Photo imaging & aerial photography

REFERENCES:

1. Trewartha G.T: Elements of Physical geography

2. Dicken, S.N and Pitts F.R: Introduction to human geography

3. Bengston and Reyen: Fundamentals of Economic geography

4. Gopal Singh: Geography of India

5. Savindra Singh: Environmental geography

6. Copola P Damon: Introduction to International disaster management

7. Singh Lehraj: Map and practical geography

8. S.N. Karlekar: Statistical methods

9. Avery T.E & G.L Berlin: Fundamentals of Remote Sensing

10. David Martin: Geographical Information System

DETAILED SYLLABUS

SD 252 – LABOUR LAW AND WELFARE

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION TO LABOUR LEGISLATIONS

1. History of labour legislation in India
2. Objectives and classification of labour laws
3. International labour organization and Indian labour legislation
4. Labour policy, emerging issues and future trends

UNIT – II LAWS ON REGULATIONS AND INDUSTRIAL RELATIONS

1. Factories Act, 1948
2. Karnataka Shops and Commercial Establishment Act, 1961
3. Trade Union Act, 1926
4. Industrial Disputes Act, 1947

UNIT – III LAW ON WAGES

1. Minimum wages Act, 1948
2. Payment of wages Act, 1936
3. Payment of Bonus Act, 1965
4. Equal Remuneration Act, 1976

UNIT – IV LABOUR WELFARE AND SOCIAL SECURITY

1. Employee's State Insurance Act, 1948
2. The Maternity Benefit Act, 1961

3. The Employee's Provident Fund and Miscellaneous Provisions Act, 1952

4. The Payment of Gratuity Act, 1972

REFERENCES:

1. Justice Gulab Gupta: Industrial Jurisprudence

2. Malhotra O.P: The Law of Industrial Disputes

3. Johri C.K: Issues in Indian labour policy

4. Dhingra L.C: Labour Law

5. M. Charles A: Industrial relations in India

6. Subramaniam K.N: Wages in India

7. Giri V.V: Labour problem in Indian industry

8. Vaid K.N: Labour welfare in India

9. Shrivastava: Industrial relations and labour law

DETAILED SYLLABUS

SD 253 – EVIDENCE ACT

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION, INTERPRETATION & CONCEPTION

1. Main feature of Indian Evidence Act

2. Types of Evidence – Oral, Written & Circumstantial

3. Standard of Proof and Presumption

4. Relevancy of Facts

UNIT – II ADMISSION AND CONFESSION

1. Difference between Admission and Confession

2. Admissibility of Custodial confession

3. Dying declaration and statement made under special circumstances

4. Relevancy of Judgement, character and expert testimony

UNIT – III ORAL / DOCUMENTARY EVIDENCE & BURDEN OF PROOF

1. General principles concerning oral / documentary evidence
2. Burden of Proof – Meaning, general principles and exceptions
3. Estopple – Meaning, essentials, nature and its kinds
4. Competency of Witnesses

UNIT – IV EXAMINATION OF WITNESSES

1. General principles of examination, cross examination and re examination
2. Leading questions
3. Hostile witness
4. Impeaching the credit of witness

REFERENCES:

1. Ratan Lal & Dhiraj Lal: The Law of Evidence
2. Avatar Singh: Principles of Law of Evidence
3. Batuk Lal: Law of Evidence
4. M. Monir: Law of Evidence
5. Polein Murphy: Evidence
6. Alber S Osborn: The problem of proof
7. Vepa P Sarathi: Law of Evidence
8. Sarkar & Manohar: On Evidence

DETAILED SYLLABUS

SD 254 – PRISON ADMINISTRATION

(Duration: 20hrs for each unit)

UNIT – I PENOLOGY – A STUDY ON PUNISHMENT MANAGEMENT

1. History, meaning and philosophy of Punishment
2. Types of punishment in ancient, medieval and modern times
3. Theories of punishment
4. Recent approach to punishment

UNIT – II PRISON SYSTEM

1. Evolution of prison system
2. Classification of prisoners
3. Rights of Prisoners
4. Prison reforms

UNIT – III PRISON LEGISLATIONS

1. Historical development of prison legislations in India
2. Prison Act, 1894 and Transfer of Prisoners Act, 1950
3. The Juvenile Justice (Care and Protection of Children) Act, 2000
4. Model Prison Manual prepared by BPRD, 2003

UNIT – IV INSTITUTIONAL / NON INSTIUTIONAL FOR OF TREATMENT

1. Meaning & difference between Institution & Non Institutional treatment
2. Adult, Juvenile and Women Prison Institutions
3. Probation, Parole and after care rehabilitation
4. Role of NGO's in supervision and rehabilitation

REFERENCES:

1. R.D Shankardas: Punishment and the Prison
2. N.V Paranjape: Criminology and Penology
3. N.K. Chakrabarthi: Institutional Corrections
4. R.Deb: Criminal Justice System
5. Mitchel P. Roth: Prisons and Prison System
6. Amarendra Mohanty & Narayan Hazary: Indian Prison Systems

7. B.V Trivedi: Prison Administration in India

8. Peter M. Carlson & Judith Simon Garrett: Prison & Jain Administration

DETAILED SYLLABUS

SD 255 – FORENSIC TECHNIQUES

(Duration: 20hrs for each unit)

UNIT – I CRIME SCENE MANAGEMENT

1. Nature and types of crime scene – indoor, outdoor, mobile and hydro
2. Crime scene search methods - recovery and packaging of evidences
3. Crime scene documentation – note taking, sketching, photography & videography
4. Report writing and evidence evaluation – components of reports and laboratory findings

UNIT – II CRIME SCENE INVESTIGATION

1. Forensic investigation in case of homicide/suicide
2. Forensic investigation in case of accidental/negligence death
3. Forensic investigation in case of road and vehicular death
4. Forensic investigation in case of rape and sexual assault

UNIT – III FINGERPRINT AND OTHER IMPRESSIONS

1. History and development of fingerprints/ footprints
2. Formation and variation of ridges and patterns
3. Classification and types of fingerprints
4. Comparison of fingerprints – class and individual

UNIT – IV QUESTIONED DOCUMENTS

1. Functions of forensic document examiner
2. Principles of handwriting and document examination

3. Various types of forgeries and their examination

4. Care in handling and preservation of documents

REFERENCES:

1. Raul Sutton & Keith Trueman: Crime Scene Management

2. John Horswell: Practice of Crime Scene Investigation

3. Robert C. Shaler: Crime Scene Forensics

4. Barry A.J. Fisher & David R. Fisher: Techniques of C.S.I

5. Aric W. Dutelle: An Introduction to Crime Scene Investigation

6. Ian K. Pepper: C.S.I Methods and Procedures

7. Simon A. Cole: Suspect Identities – A History of Fingerprinting

8. Ordway Hilton: Scientific Examination of Questioned Documents

DETAILED SYLLABUS

SD 256 – PRISON ADMINISTRATION (PRACTICAL)

(Duration: 8 weeks)

Each student will carry out a field work under the guidance of the course supervisor by selecting a topic related to Prison Administration and getting themselves permission from the D.K District Superintendent of Prison/IGP Prisons, Bangalore or get permission from any NGO working in the field of Protection of Prisoners Rights to participate in the fact finding team before the start of the Semester – III at the college level.

The student has to carry out field work for a minimum period of six weeks and prepare a daily diary for that period. The field work of about 2000 words excluding foot notes and references shall be submitted along with the Daily Diary Report for evaluation.

The evaluation of each Field Work Report (submitted after being duly signed by the Course Supervisor & Principal) will be carried out by the Board of Examiner.

FIELD WORK

1) A written Field Instruction by the Course Supervisor should be handed over to each student to either visit Prison / NGO or both.

2) Individual student should visit the allotted Prison/NGO for understanding the administration and functioning of the setup during the specified time and utilize every opportunity to record the details.

3) Student should record the Daily Diary Report on their visits to juvenile home, reformatory school, juvenile courts and de-addiction centre.

4) Case study of different type of criminals should be recorded.

5) Field Work Report along with Daily Diary should be submitted for Viva Voce.

DETAILED SYLLABUS

SD 257 – FORENSIC TECHNIQUES (PRACTICAL)

(Duration: 8 Weeks)

The students should be taken for academic visit to nearby forensic lab along with course supervisor and all the following details should be explained & provided hands on training to them;

Practical Training

I. Crime Scene Management and Investigation

a) Crime scene protection and security
b) Photographing the crime scene – 3 angle view (Birds eye, mid range & close up)
c) Sketching the Crime scene – rough and finished
d) Collection and packaging of various physical evidences
e) Crime scene report writing
f) Reconstruction and evaluation of various crime scene

II. Finger printing and other impressions

a) Sketching of Finger print patterns – Arch, Loop and Whorls
b) Recording of plain and rolled finger prints of a subject
c) Fingerprint classification using Henry system
d) To develop latent prints with powder, fuming and chemical methods
e) Footprint tracing, casting and comparison
f) Tyre print tracing, casting and comparison
g) Examination of tool marks

I. Questioned documents

a) Examination and comparison of disputed handwriting and signature
b) Examining non original documents & altered documents

c) Determining sequence of document entries
d) Degree of opinion and report writing
e) How to appear as a witness

The evaluation of the record book (submitted after being duly signed by the Course Supervisor & Principal) will be carried out by the board of examiner.

FIFTH SEMESTER

Group-II	Description of papers with code	Hours of Instruction / Week	Duration of Exam (Hours)	IA	Marks Exam	Total	Credits
SD 301	Cyber Crime, Law & Investigation	5	3	30	120	150	3
SD 302	Police Administration	5	3	30	120	150	3
SD 303	Methods and Techniques of Social Research	5	3	30	120	150	3
SD 304	Cyber Security	3	3	20	80	100	2
SD 305	Cyber Security (Practical)	3	3	10	40	50	1
SD 306	Security Management – I (Project Work)	5	--	30	120	150	3
SD 307	Detective Science Methods- I (Project Work)	5	--	30	120	150	3
Total		**31**	**--**	**--**	**--**	**900**	**18**

DETAILED SYLLABUS

SD 301 – CYBER CRIME, LAW AND INVESTIGATION

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION TO CYBER CRIME

1. Distinction between conventional and cyber crime

2. Definition, classification and types of Cyber crimes

3. Tools and methods used in cyber crime

4. Cyberstalking, Phishing and identity thefts

UNIT – II CYBER LAW – REGULATION OF CYBER SPACE

1. Evolution of IT Act – Genesis and necessity

2. Salient features of Information Technology Act, 2000

3. Overview and impact of amendments to IT Act, 2000

4. International perspective of cyber laws

UNIT – III CYBER SECURITY

1. Fundamentals of computer

2. Operating system overview

3. Basics of Network (security)

4. Concept of Internet (security)

UNIT – IV INVESTIGATION OF CYBER CRIMES

1. Agencies for Investigation in India, their powers & constitution

2. Securing the scene, documenting, evidence collection and transportation

3. Data acquisition, data analysis and reporting

4. Investigation of malicious application

REFERENCES:

1. S.R. Sharma: Indian legislation on cyber crime

2. Vakul Sharma: Information Technology Law and Practice

3. Pavan Duggal: Cyber Law – Indian Perspective

4. Kamath Nandan: A guide to Cyber Laws & IT Act, 2000

5. Reed Chris: Computer Law

6. Yatindra Singh: Cyber Laws

7. Vishwanathan Suresh T: The Indian Cyber Law

8. Rodney D Ryder: Guide to Cyber Laws

DETAILED SYLLABUS

SD 302 – POLICE ADMINISTRATION

(Duration: 20hrs for each unit)

UNIT – I FUNDAMENTALS OF POLICE ADMINISTRATION

1. Historical development of Police system in India
2. The Police Act of 1861
3. Police Administration at Centre and State level
4. Rural and Urban Policing

UNIT – II ORGANIZATION AND STRUCTURE OF INDIAN POLICE

1. Hierarchy of Police System in India
2. Recruitment and Training of Police
3. Functions of Police: Maintenance of law and order
4. Autonomy and Accountability of Police

UNIT – III POLICE INVESTIGATION AND PROCEDURE

1. General principles and steps of investigation
2. Collection of evidences, search and seizure
3. Identification and writing of statements
4. Arrest, custody, remand, bail and filing of charge sheet or final report

UNIT – IV CONTEMPORARY POLICING

1. Modernization of police and measures to improve police image
2. Definition and core components of Community Policing

3. Crime and Criminal tracking network system (CCTNS)

4. National Police Commission and Police Reforms

REFERENCES:

1. Dr. Rajinder Prashad: Police Administration

2. D.H. Baylay: The Police and Political Development

3. M.S. Parmar: Problems of Police Administration

4. K.M Mathur: Indian Police, Role and Challenges

5. Larry K Gaines & John L Worrall: Police Administration

6. Gary W Cordner: Police Administration

7. Jim Ruiz & Don Hummer: Handbook on Police Administration

8. Kamal Kishore Mishra: Police Administration in Ancient India

DETAILED SYLLABUS

SD 303 – METHODS AND TECHNIQUES OF SOCIAL RESEARCH

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. Meaning of research and social research.

2. Significance of Social research

3. Sources of data-Primary and secondary.

4. Ethics in research

UNIT – II SELECTION OF THE PROBLEM, HYPOTHESIS AND RESEARCH DESIGN

1. Selection of the problem

2. Hypothesis-Meaning

3. Research Design –Meaning and components.

4. Types of Design-Exploratory, Descriptive, Diagnostic and Experimental.

UNIT – III METHODS OF DATA COLLECTION AND DATA PROCESSING

1. Types of Research-Qualitative and Quantitative.
2. Sampling, Survey and Case Study method
3. Observation, interview and questionnaire /schedule
4. Data Processing- Coding, Tabulation, Analysis and Interpretation

UNIT – IV REPORT WRITING

1. Meaning of research report.
2. Types and purpose of research report.
3. Outline and Organization of the Report.
4. Summary, Conclusion and bibliography.

REFERENCES:

1. Kothari C.R: Research Methodology – Methods and Techniques
2. Ram Ahuja: Research Methods, Rawat publications, Jaipur.
3. S.K. Verma & Afzal Wani: Legal Research Methodology
4. Pauline Young: Scientific Social Surveys and Research.
5. Selltis Johoda: Research Methodology
6. Black Thomas: Understanding social science research
7. Earl Babbie: Research Methodology
8. Stott D: Legal Research
9. Y.Ravindranath Rao & Duggappa Kajekar (2008) Research Methodology, Mangalore: Mangala Publications

DETAILED SYLLABUS

SD 304 – CYBER SECURITY

(Duration: 20hrs for each unit)

UNIT – I BASIC COMPUTER AND INTERNET SECURITY

1. Fundamentals of computer
2. Operating system overview
3. Basics of network
4. Concept of internet

UNIT – II COMPUTER SECURITY TECHNIQUES

1. Concealments techniques
2. Forensic speaker identification
3. Image processing technique
4. Computer security

UNIT – III CYBER CRIMES AND INVESTIGATION PROCEDURES

1. Cyber forensic and cyber crimes
2. Online based crimes and crimes targeting computer
3. Information Technology Act, 2000 and other related laws
4. Agencies of cyber crime in India and their powers and procedures

UNIT – IV REGULATIONS IN CYBERSPACE

1. International Organizations and their roles
2. Evolution of IT Act, E-commerce and E-governance
3. Domain names and disputes
4. Concept of copyright and patent in cyberspace

REFERENCES:

1. Farooq Ahmed: Cyber law in India
2. Rodney D. Ryder: Guide to Cyber Laws
3. Vakul Sharma: Information Technology Law and Practice
4. The Information Technology Act, 2000 – Bare Act
5. Andrew Murray: The regulation of cyber space

6. P.M Bukshi & R.K. Suri: Guide to cyber & E-commerce laws

7. Syngress: Scene of Cybercrime- Computer Forensic Handbook

8. Dr. R. Krishnamurthy: Introduction to Forensic Science in Crime Investigation

DETAILED SYLLABUS

SD 305 – CYBER SECURITY (PRACTICAL)

(Duration: 8 Weeks)

The students should be taken for academic visit to Mangalore University or Keonics Cyber lab along with course supervisor and all the following details should be explained by providing hands on training to them;

Practical Training

a) Use of internet – visiting websites with given URL, searching information using search engines
b) Networking commands – like ping, IP configuration etc., with various switches
c) Tracing E-mail – finding senders IP address, tracing route of e-mail through tools available on internet (eg. Visual trace route), etc.,
d) Study of encase software and its uses
e) Study of Winhex software and its uses
f) Domain name registration
g) Creation and verification of digital signature, study of digital certificate
h) Study of various commands in linux like encryption and decryption, message digest, etc.,
i) Stegnography using stegnography tools (eg. Invisible/secret)
j) Concealment techniques (eg. Cloaking, data hide and seek, renaming files, manipulating file system and data hiding on NTFS.

The evaluation of the record book (submitted after being duly signed by the Course Supervisor & Principal) will be carried out by the board of examiner.

DETAILED SYLLABUS

SD 306 – SECURITY MANAGEMENT – I (PROJECT WORK)

(Duration: 60hrs)

Objective:

1. Knowledge from the course is applied for developing the skill
2. Application of the theoretical knowledge to specific areas of investigation
3. Developing an in-depth dissertation on a specific area of theory and research
4. Designing research into better understanding of subject
5. All the students are required to take this paper compulsorily and work under a faculty guide and an external guide.

PROJECT REPORT – INSTRUCTIONS

a) Students should prepare individual project report on any one topic from the list of the following subjects or related topics with the help of concerned guide:
   i) Private Security
   ii) Security Management

b) While preparing the project, students should follow the guidelines cited below:
   i) Research Methodology should be adopted
   ii) Data should be analyzed through MS Office
   iii) Atleast 10photos/images should be inserted

c) Procedure for submission of Project Report – Students should submit
   i) Three printed hard copies of Project Report
   ii) One soft copy of the Project Report for PPT presentation

d) Presentation of Project Report will be in front of all final year students
   i) Student will present the project report with the help of power point
   ii) Student will interface questions

e) Marks allotted:
   i) Project Report – 80marks
   ii) Project Presentation – 40marks

DETAILED SYLLABUS

SD 307 – DETECTIVE SCIENCE MEHTODS – I (PROJECT WORK)

(Duration: 60hrs)

Objective:

1. Knowledge from the course is applied for developing the skill
2. Application of the theoretical knowledge to specific areas of investigation
3. Developing an in-depth dissertation on a specific area of theory and research
4. Designing research into better understanding of subject
5. All the students are required to take this paper compulsorily and work under a faculty guide and an external guide.

PROJECT REPORT – INSTRUCTIONS

a) Students should prepare individual project report on any one topic from the list of the following subjects or related topics with the help of concerned guide:
   i) Private Investigation
   ii) Civil / Criminal Investigation

b) While preparing the project, students should follow the guidelines cites below:
   i) Research Methodology should be adopted
   ii) Data should be analyzed through MS Office
   iii) Atleast 10photos/images should be inserted

c) Procedure for submission of Project Report – Students should submit
   i) Three printed hard copies of Project Report
   ii) One soft copy of the Project Report for PPT presentation

d) Presentation of Project Report will be in front of all final year students
   i) Student will present the project report with the help of power point
   ii) Student will interface questions

e) Marks allotted:
   i) Project Report – 80marks
   ii) Project Presentation – 40marks

SIXTH SEMESTER

Group-II	Description of papers with code	Hours of Instruction / Week	Duration of Exam (Hours)	IA	Marks Exam	Total	Credits
SD 351	National Security & Terrorism	5	3	30	120	150	3
SD 352	Human Physiology	5	3	30	120	150	3
SD 353	Forensic Medicine	5	3	30	120	150	3
SD 354	Cyber Forensics	3	3	20	80	100	2
SD 355	Cyber Forensics (Practical)	3	3	10	40	50	1
SD 356	Security Management – II (Project Work)	5	--	30	120	150	3
SD 357	Detective Science Method – II (Project Work)	5	--	30	120	150	3
Total		**31**	**--**	**--**	**--**	**900**	**18**

DETAILED SYLLABUS

SD 351 – NATIONAL SECURITY & TERRORISM

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. Meaning and Concept of National Security

2. Importance of National Security

3. Scope of National Security

4. India's National Security

UNIT – II NATIONAL POLICY OF INDIA

1. India's foreign policy
2. India's defence policy
3. India's nuclear policy
4. India's maritime policy

UNIT – III CHALLENGES TO NATIONAL SECURITY

1. Threat to internal security – Insurgency, naxalism & terrorism
2. Threat to external security – warfare from enemy country
3. Role as member nation in SAARC
4. Role as member nation in UNO

UNIT – IV TERRORISM

1. Meaning, Definition and causes of terrorism
2. "Terrorism" - A threat to India's security
3. Impact of terrorism on national development
4. International terrorism and counter terrorism

REFERENCES:

1. Dr. Jadhav V.Y: India's National Security
2. K. Subramaniam: Our National Security
3. Dr. Todkar B.D: India's Foreign Policy and National Security
4. Vijay Khare: India in Global Politics
5. Khan J.A: Probing War and Warfare
6. R.G Waradkar: International Relations and Politics
7. S.H. Subba Rao: Terrorists crimes in india
8. Ranjit K. Pachnanda: Terrorism and Response to Terrorist Threats

DETAILED SYLLABUS

SD 352 – HUMAN PHYSIOLOGY

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1.Functional, Composition and Internal Organization of Human Body

2. Respiration – External & Internal, quotient and disorder

3. Circulation – Structure, function and regulation

4. Excretion – Structure, function and defects

UNIT – II NERVE MUSCLE PHYSIOLOGY

1. Muscle contraction & relaxation – Mechanism

2. Nervous coordination – Structure and function of brain

3. Sense Organs – Classification, mechanism and defects

4. Digestive System – Structure and function

UNIT – III BIOCHEMISTRY AND IMMUNOLOGY

1. Enzymes – Classification, mechanism and Clinical importance

2. Vitamins – functions and deficiency symptoms

3. Immunology – Systems, organs and response

4. AIDS and other related disease

UNIT – IV HISTOLOGY AND TOXICOLOGY

1. Importance of pathological study
2. Study of organs such as stomach, intestine, liver, kidney, pancreas & adrenal
3. Toxicology – Introduction, acute and chronic toxicity
4. Importance of animal toxin, drug toxicity, tissue toxicity and genotoxicity

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REFERENCE:

1. Cindy L Stanfield: Principles of Human Physiology
2. Lauralee Sherwood: Fundamentals of Human Physiology
3. Erin C. Amerman: Human Anatomy and Physiology
4. Paul A. Krieger: A Visual Analogy Guide to Human Physiology
5. Elliott B. Mason: Physiology
6. Robert M. Berne: Physiology
7. Dr. N.M. Muthayya: Human Physiology
8. Indu Khurana: Textbook of Human Physiology

DETAILED SYLLABUS

SD 353 – FORENSIC MEDICINE

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. History of Forensic medicine
2. Court procedures and medical evidence
3. Definition, types, modes and signs of death
4. Aims and Objectives of post mortem examination

UNIT – II CLINICAL FORENSIC MEDICINE

1. Establishment of identity of dead person – criminals and unknown persons
2. Definition and Classification of injuries and their medico-legal aspects
3. Definition and types of sexual offences – Examination of the victim & accused
4. Medico-Lego Aspects – P.M Report, Dying declaration and Expert testimony

UNIT – III MEDICAL JURISPRUDENCE

1. Indian Medical Council & State Medical Council – their functions and disciplinary control
2. Rights, privileges and duties of registered medical practitioner
3. Medical Negligence – Civil and Criminal Negligence
4. Professional conduct, Etiquette and Ethics in medical practice

UNIT – IV FORENSIC PSYCHIATRY

1. Definition and various types of mental disorders/illness
2. Differentiating true and pretender of insanity
3. Civil and Criminal responsibilities of mentally ill person
4. Indian Mental Health Act, 1987 with special reference to admission, care and discharge

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REFERENCE:

1. Howard C. Adelman: Forensic Medicine
2. P.V Guharaj & M.R Chandran: Forensic Medicine
3. B. Jain: Forensic Medicine and Toxicology
4. Ashesh Gunwantrao Wankhede: Forensic Medicine
5. Dr. K.S.N Reddy: The essentials of Forensic Medicine & Toxicology
6. B.V Subramanyam: Modi's text book of Medical Jurisprudence & Toxicology
7. Dr. Apurba Nandy: Principles of Forensic Medicine
8. Dr. Krishan Vij: Textbook of Forensic Medicine & Toxicology

DETAILED SYLLABUS

SD 354 – CYBER FORENSICS

(Duration: 20hrs for each unit)

UNIT – I INTRODUCTION

1. Computer & Cyber forensic basics
2. Use of computer forensic in law enforcement
3. Cyber forensic evidence identification, acquisition, seizure, presentation, preservation & Authentication
4. Computer forensic expert

UNIT – II DATA AND EVIDENCE RECOVERY

1. Role of backup in data recovery
2. Data recovery procedures and ethics
3. Evidence collection and data seizure
4. Preserving and safe handling of original media

UNIT – III CYBER FORENSIC INVESTIGATION

1. General guidelines for investigation – Need & object
2. Essential and non-essential data – Segregating Data
3. General procedures for collecting and analysing evidence
4. Auditing V/s cyber forensic investigation

UNIT – IV CYBER FORENSIC TOOLS AND UTILITIES

1. Forensic tool kit
2. Selecting right incident tool for your Organization

3. Hardware based security & software based firewalls

4. Encase, cyber check suites, disk imaging, etc.,

REFERENCES:

1. B. Middleton: Cyber Crime Field Investigation - Field Guide

2. Newman: Computer Forensics

3. Marecella Menendez: Cyber Forensic

4. Richard Nolanetal: Guide to Computer Forensics

5. Dr. Rukmani Krishnamurthy: Introduction to Forensic Science in Crime Investigation

6. Albert J. Menendez: Cyber Forensic a field manual

7. Angus McKenzie Marshall: Digital Evidence in Criminal Investigation

8. Kelvin Mandia: Incident Response and Computer Forensic

DETAILED SYLLABUS

SD 355 – CYBER FORENSICS (PRACTICAL)

(Duration: 8 Weeks)

The students should be taken for academic visit to Mangalore University or Keonics Cyber lab along with course supervisor and all the following details should be explained by providing hands on training to them;

Practical Training

a) Data recovery integrated with forensic technology - 2nos
b) Computer forensic investigation tools / Digital forensic investigation tools - 2nos
c) Live acquisition, hardware write blockers and software write blockers - 2nos
d) Creation and verification of digital signatures - 2nos
e) Hardware data recovery and salvation data tools - 2nos

The evaluation of the record book (submitted after being duly signed by the Course Supervisor & Principal) will be carried out by the board of examiner.

DETAILED SYLLABUS

SD 356 – SECURITY MANAGEMENT – II (PROJECT WORK)

(Duration: 60hrs)

Objective:

1. Knowledge from the course is applied for developing the skill
2. Application of the theoretical knowledge to specific areas of investigation
3. Developing an in-depth dissertation on a specific area of theory and research
4. Designing research into better understanding of subject
5. All the students are required to take this paper compulsorily and work under a faculty guide and an external guide.

PROJECT REPORT – INSTRUCTIONS

a) Students should prepare individual project report on any one topic from the list of the following subjects or related topics with the help of concerned guide:
   i) Cyber Security
   ii) Security Operations Management

b) While preparing the project, students should follow the guidelines cites below:
   i) Research Methodology should be adopted
   ii) Data should be analyzed through MS Office
   iii) Atleast 10photos/images should be inserted

c) Procedure for submission of Project Report – Students should submit
   i) Three printed hard copies of Project Report
   ii) One soft copy of the Project Report for PPT presentation

d) Presentation of Project Report will be in front of all final year students
   i) Student will present the project report with the help of power point
   ii) Student will interface questions

e) Marks allotted:
   i) Project Report – 80marks
   ii) Project Presentation – 40marks

DETAILED SYLLABUS

SD 357 – DETECTIVE SCIENCE MEHTODS – II (PROJECT WORK)

(Duration: 60hrs)

Objective:

1. Knowledge from the course is applied for developing the skill

2. Application of the theoretical knowledge to specific areas of investigation
3. Developing an in-depth dissertation on a specific area of theory and research
4. Designing research into better understanding of subject
5. All the students are required to take this paper compulsorily and work under a faculty guide and an external guide.

PROJECT REPORT – INSTRUCTIONS

f) Students should prepare individual project report on any one topic from the list of the following subjects or related topics with the help of concerned guide: Investigation into
   i) Cyber crime / Organized crime / Drug enforcement / Human Trafficking
   ii) Economic offences / Community Policing / Advanced technology in forensic science

g) While preparing the project, students should follow the guidelines cites below:
   i) Research Methodology should be adopted
   ii) Data should be analyzed through MS Office
   iii) Atleast 10photos/images should be inserted

h) Procedure for submission of Project Report – Students should submit
   i) Three printed hard copies of Project Report
   ii) One soft copy of the Project Report for PPT presentation

i) Presentation of Project Report will be in front of all final year students
   i) Student will present the project report with the help of power point
   ii) Student will interface questions

j) Marks allotted:
   i) Project Report – 80marks
   ii) Project Presentation – 40marks

FACULTY:

The qualification of the teaching faculty shall be M.A in Criminology, M.A in Police Administration, M.A in Sociology, M.A in Psychology, M.A in History, LLB/LLM, MSc in Anatomy, MSc in Physics and Ph.D holders.