

ST. PHILOMENA'S COLLEGE (AUTONOMOUS)

Affiliated to University of Mysore
Accredited by NAAC with 'B++' Grade
Bannimantap, Mysore, Karnataka,
India-570015



DEPARTMENT OF CRIMINOLOGY & FORENSIC SCIENCE

The Board of Studies in Criminology & Forensic Science

which met on 05-11-2024 has

approved the syllabus and pattern of examination for

semesters III and IV with effect from

the Academic Year 2024-25

BOS COMMITTEE MEMBERS

Sl. No.	Name	Designation
1	Francis Devasahayam B	Chairman
2	Dr. G B Aravind	University Nominee
3	Dr. Lancy D'Souza	Member
4	Dr. Smitha Rani	Member
5	Dr. Ravikanth B Lamani	Member

III SEMESTER

BA CRIMINOLOGY & FORENSIC SCIENCE

Core Course Content

Course Title: Police Science & Criminal Investigation		Course Credits: 4
Course Code: CFSDSCM301		L-T-P per week: 4-0-0
Total Contact Hours: 56		
Formative Assessment Marks:40	Summative Assessment Marks:60	

Pedagogy: Written Assignment/Presentation/Project / Term Papers/Seminar/Field studies

Formative Assessment		
Assessment Occasion	Assessment type	Weightage in Marks
C1 First component	Test-40 marks test for 90 minutes	10
C1 Second Component	Assignment	10
C2 First component		10
C2 Second Component		10
Total		40

Note: Any two different activities for C2 First component and C2 Second component can be selected from the below.

Quiz/Project/Class room exercise/Practice exercise/Educational (industry/ institutes/ NGOs) visit/ field trip/ Field work/Viva voce/Role Play/Charts/ Models/Case study/Group discussion/Crosswords/

**Presentation/seminar/Review – movie / Book/Research articles/e
– content preparation**

Course Learning Outcomes

- Understand the concept and purpose of Police Science and its importance in crime prevention, investigation and maintaining social order peacefully.
- Develop the knowledge regarding the Police Administration, Enforcement of Laws of the nation, maintaining the Law and Order.
- Understanding the various challenges faced by police in their day to day policing.
- Become aware about the different types of crime scenes, investigations and their related legal procedures.

III SEMESTER

TITLE: POLICE SCIENCE & CRIMINAL INVESTIGATION

Number of Theory Credits	Number of Lecture hours/semester	Number of Practical credits	Number of practical hours/semester
4	56	4	56
Content of Theory course			56 hrs
Unit-1 Investigation			14
<p>Chapter-1 Investigation Meaning and Importance Objectives of Criminal Investigation Characteristics and role of Investigating officer</p> <p>Chapter – 2 Legal Procedures in Investigation Investigation procedures in Cognizable Offences (Registration of FIR, recording of statements, Arrest, Charge sheet)</p>			
Unit-2 Scene of Crime and Method of Investigation			14
<p>Chapter 3: Scene of Crime</p> <ul style="list-style-type: none"> • Meaning and Types • Methods of search <p>Chapter 4: Methods of Investigation</p> <ul style="list-style-type: none"> • Investigation of Murder, Suicide, Burglary and Traffic Accidents • chain of custody 			
Unit-3 Crime Scene Management and Documentation			14
<p>Chapter-5 Crime Scene Management</p> <ul style="list-style-type: none"> • Nature and importance of CSM • Responsibilities of First, Second and Auxiliary responders. <p>Chapter-6 Crime Scene Documentation</p> <ul style="list-style-type: none"> • Panchanama, Photography and Videography • Sketching • Preparation of Report (Charge sheet and Closure Report) • Crime Scene Reconstruction 			
Unit-4 Methods of Interview and Interrogation			14
<p>Chapter-7 Witness</p> <ul style="list-style-type: none"> • Types of Witness • Techniques of interview 			

Chapter- 8 Scientific Interrogation

- Interrogation: Meaning and Types
- Ordinary Interrogation- Good Cop & Bad Cop, REID Technique, PEACE Technique.
- Scientific Interrogation techniques- Polygraph, Narco-Analysis and Brain Mapping/ Brain Fingerprinting (BEOS)

SUGGESTED READINGS:

1. Nabar.B.S.2007, Forensic Science in Crime Investigation, 3rd Edition, Asia Law House, Hyderabad.
2. Sharma B.R, 2007, Forensic Science in Criminal Investigation and Trials Universal Law Pub. Co. Pvt. Ltd.
3. Douglas Cruise (2002) The Business of Private Investigations, Texas: Thomas Investigative Publications.
4. RamanujamT,1992,Prevention and Detection of Crime, Madras Book Agency
5. Nehad Ashraf,(1992), Police and Policing in India, Common Wealth Publishers, New Delhi

JOURNAL REFERENCES

1. International journal of police science and management, SAGE
2. The Indian Police Journal
3. The Journal criminal Law, Criminology and Police Science, JSTOR ISSN-15476154

DIGITALREFERENCES

1. https://www.researchgate.net/publication/318324772_POLICE_SCIENCE_SCIENCE_OF_THE_POLICE_OR_SCIENCE_FOR_THE_POLICE_-_CONCEPTUAL_CLARIFICATION_AND_TAXONOMY_FOR_COMPARING_POLICE_SYSTEMS
2. https://www.ojp.gov/pdffiles1/nij/228922.pdfhttps://www.researchgate.net/publication/340874515_Police_science_as_an_emerging_scientific_discipline.

Pedagogy: Lecture, Assignments, Interactive Sessions, ICT, Group Discussion

Practical

Credits: 2 Marks = 25+25 Course Code : CFSDSCMP301

List of experiments to be conducted

1. Kim's Game
2. Procedure and process of filing a complaint to the Police Station
3. Filing of FIR.
4. Examination and Documentation of Simulated Crime scene. (Murder, Burglary, Traffic Accident etc)
5. Handling, packing and forwarding of physical clues to forensic science laboratory (Fingerprints on articles, Blood stained articles, hair and fibre samples, Bullets & Cartridge)
6. Reconstruction of Scene of Crime and Report writing.
7. Filing of Chargesheet.

III SEMESTER

BA CRIMINOLOGY & FORENSIC SCIENCE

Core Course Content

Course Title: Gender and Crime	Course Credits: 3
Course Code: CFSOE301	L-T-P per week: 3-0-0
Total Contact Hours: 42 Hours	
Formative Assessment Marks:40	Summative Assessment Marks:60

Pedagogy: Written Assignment/Presentation/Project / Term Papers/Seminar/Field studies

Formative Assessment		
Assessment Occasion	Assessment type	Weightage in Marks
C1 First component	Test-40 marks test for 90 minutes	10
C1 Second Component	Assignment	10
C2 First component		10
C2 Second Component		10
Total		40

Note: Any two different activities for C2 First component and C2 Second component can be selected from the below.

Quiz/Project/Class room exercise/Practice exercise/Educational (industry/ institutes/ NGOs) visit/ field trip/ Field work/Viva voce/Role Play/Charts/ Models/Case study/Group discussion/Crosswords/

**Presentation/seminar/Review – movie / Book/Research articles/e
– content preparation**

Course Learning Outcomes

- Understand the meaning, nature and scope of Gender equality and crime.
- Describe the criminological explanation of gender and crime and their challenges.
- Understanding the various patterns of gender related crimes and its prevention.
- Explain the different types of gender related crimes against children.

III SEMESTER

TITLE: GENDER AND CRIME

Number of Theory Credits	Number of Lecture hours/semester	Number of Practical credits	Number of practical hours/semester
03	42	---	---
Content of Theory course			42hrs
Unit-1 Gender Equality			14
Chapter-1 Gender awareness in Criminology <ul style="list-style-type: none"> • Gender and crime: Meaning, nature and scope • Gender awareness in Criminology Chapter-2 Gender gap in crime <ul style="list-style-type: none"> • Gender equality: Meaning, definition • Gender inequality and Crime • Cognitive capacities and crime • Situational pressures and gender bias 			
Unit-2 Gender specific crimes and Criminological studies			14
Chapter- 3 Criminological theories of gender and crime Chapter-4 Gender in Criminal Justice System <ul style="list-style-type: none"> • Crimes and Cultural Views • Legal system • Police practice • Court trials Chapter-5 Patterns of Crime <ul style="list-style-type: none"> • Meaning, definition and nature • Gendered pathways to offending Chapter-6 Women and Crime, Men and Crimes <ul style="list-style-type: none"> • Female patterns of offending • Rising female criminality • Male patterns of offending Reasons for male criminality 			
Unit-3 Crimes against gender specific children			14
Chapter-7 Crimes against children <ul style="list-style-type: none"> • Meaning, Definition, Nature and Scope • Harmful cycle of gender-based violence on children • Causes and impacts of gender based violence against children Chapter-8 Types of Crimes against Children <ul style="list-style-type: none"> • Infanticides and female feticides • Child trafficking • Child pornography and pedophilia. • Child Labour and street offences, etc • Various procedural rules for protection of children 			

SUGGESTED READINGS:

1. FitzGibbon, K. & Walklate, S. (2018). *Gender, Crime and Criminal Justice*, Routledge, ISBN: 9781138656376
2. Mukharjee, S. K. & Scutt, J. A. (1981). *Women and Crime*, Routledge, ISBN: 9781138186569
3. Silvestri, M. & Crowther-Dowey, C. (2008). *Gender and Crime (A Key Approach to Criminology)*, SAGE Publications
4. Britton, D. M. (2011). *The Gender of Crime*, Rowman & Littlefield
5. Evans, K. & Jamieson, J. (2008). *Gender and Crime: A Reader*, Open University Press

JOURNAL REFERENCES

1. Child maltreatment - SAGE
2. International journal on child maltreatment - Springer
3. Women and Criminal Justice - Taylor and Francis
4. Feminist Criminology - SAGE
5. Violence and Gender

DIGITAL REFERENCES

1. [Gender-Based Violence: A Global Threat | Save the Children](#)
2. <https://www.open.edu/openlearncreate/mod/oucontent/view.php?id=53771&printable=1>
3. [\(PDF\) Gender and Crime: Towards a Gendered Theory of Female Offending \(researchgate.net\)](#)
4. <https://ijcst.journals.yorku.ca/index.php/ijcst/article/download/39737/35977>
5. [Gender and Theories of Delinquency - Oxford Handbooks](#)

Pedagogy: Lecture, Assignments, Interactive Sessions, ICT, Group Discussion

III SEMESTER

BA CRIMINOLOGY & FORENSIC SCIENCE

Core Course Content

Course Title: Crime Scene Investigation	Course Credits: 3
Course Code: CFSOE302	L-T-P per week: 3-0-0
Total Contact Hours: 42 Hours	
Formative Assessment Marks:40	Summative Assessment Marks:60

Pedagogy: Written Assignment/Presentation/Project / Term Papers/Seminar/Field studies

Formative Assessment		
Assessment Occasion	Assessment type	Weightage in Marks
C1 First component	Test-40 marks test for 90 minutes	10
C1 Second Component	Assignment	10
C2 First component		10
C2 Second Component		10
Total		40

Note: Any two different activities for C2 First component and C2 Second component can be selected from the below.

Quiz/Project/Class room exercise/Practice exercise/Educational (industry/ institutes/ NGOs) visit/ field trip/ Field work/Viva voce/Role Play/Charts/ Models/Case study/Group discussion/Crosswords/

**Presentation/seminar/Review – movie / Book/Research articles/e
– content preparation**

Course Learning Outcomes

- Understand the methods of securing, searching and documenting crime scenes.
- Capable to do the art of collecting, packaging and preserving different types of physical and trace evidence at crime scenes.
- Describe the legal importance of chain of custody.
- Understand the tools and techniques for analysis of different types of crime scene evidence.

III SEMESTER

TITLE: CRIME SCENE INVESTIGATION

Number of Theory Credits	Number of Lecture hours / semester	Number of Practical credits	Number of practical hours/semester
03	42	---	---
Content of Theory course			42hrs
Unit-1 Crime Scene Preliminaries			14
<p>Chapter-1 Crime Scene and its importance.</p> <ul style="list-style-type: none"> • Meaning and Types of crime scenes • Indoor, outdoor and Mobile • Primary, Secondary and Auxiliary. <p>Chapter-2 Securing and isolating the crime scene.</p> <ul style="list-style-type: none"> • Crime scene search methods. • Safety measures at crime scenes. • Legal considerations at crime scenes. 			
Unit-2 Crime Scene Documentation			14
<p>Chapter-3 Crime Scene Documentation and its importance</p> <ul style="list-style-type: none"> • Types of documentation of crime scenes • Photography. • Videography, • Sketching and • Recording notes. <p>Chapter-4 Duties of first responders at crime scenes.</p> <ul style="list-style-type: none"> • Coordination between police personnel and forensic scientists at crime scenes. • The evaluation of 5Ws (who? what?, when?, where?, why?) and 1H (how?). 			
Unit-3 Crime Scene Evidence Management			14
<p>Chapter-5 Classification of crime scene evidence</p> <ul style="list-style-type: none"> • Locard's principle and Importance. • Physical evidence and • Trace evidence. <p>Chapter-6 Collection, labelling, sealing of evidence.</p> <ul style="list-style-type: none"> • Hazardous evidence. • Preservation of evidence. • Chain of custody. • Reconstruction of crime scene. 			

SUGGESTED READINGS:

1. M.Byrd, Crime Scene Evidence: A Guide to the Recovery and Collection of Physical Evidence, CRC Press, Boca Raton (2001).
2. T.J.Gardener and T.M.Anderson, Criminal Evidence, 4th Ed., Wadsworth, Belmont (2001).
3. S.H.James and J.J.Nordby, Forensic Science: An Introduction to Scientific and Investigative Techniques, 2nd Edition, CRC Press, Boca Raton (2005).
4. W.J.Tilstone, M.L.Hastrup and C.Hald, Fisher's, Techniques of Crime Scene Investigation, CRC Press, Boca Raton (2013).

Pedagogy: Lecture, Assignments, Interactive Sessions, ICT, Group Discussion

IV SEMESTER

BA CRIMINOLOGY & FORENSIC SCIENCE

Core Course Content

Course Title: Correctional Administration	Course Credits: 4
Course Code: CFSDSCM401	L-T-P per week: 4-0-0
Total Contact Hours: 56	
Formative Assessment Marks:40	Summative Assessment Marks:60

Pedagogy: Written Assignment/Presentation/Project / Term Papers/Seminar/Field studies

Formative Assessment		
Assessment Occasion	Assessment type	Weightage in Marks
C1 First component	Test-40 marks test for 90 minutes	10
C1 Second Component	Assignment	10
C2 First component		10
C2 Second Component		10
Total		40

Note: Any two different activities for C2 First component and C2 Second component can be selected from the below

Quiz/Project/Class room exercise/Practice exercise/Educational (industry/ institutes/ NGOs) visit/ field trip/ Field work/Viva voce/Role Play/Charts/ Models/Case study/Group discussion/Crosswords/

Presentation/seminar/Review - movie / Book/Research articles/e - content preparation

Course Learning Outcomes

- Understand about the meaning, concept and scope of penology and Correctional Administration.
- Explain the theories and types of punishments in the past and present in India and abroad.
- Describing the prison as institution of correction, its types and the legal provisions
- Understanding the concepts of non-institutional treatments of prisoners.

IV SEMESTER

TITLE: CORRECTIONAL ADMINISTRATION

Number of Theory Credits	Number of Lecture hours / semester	Number of Practical credits	Number of practical hours / semester
04	56	02	56
Content of Theory course			56hrs
Unit-1 Introduction to Correctional Administration			14
<p>Chapter-1 Penology and correctional administration</p> <ul style="list-style-type: none"> • Penology– Historical Development, Meaning and Definitions • Concepts of correction – Genesis, Objectives and Purpose <p>Chapter-2 Theories of Punishment</p> <ul style="list-style-type: none"> • Deterrence theory • Retributive theory • Preventive theory • Reformation theory 			
Unit-2 Nature of Punishment			14
<p>Chapter-3 Punishment</p> <ul style="list-style-type: none"> • Definition, objective and purpose • Types of Punishment • Recent approaches to punishment <p>Chapter-4 Sentencing</p> <ul style="list-style-type: none"> • Principles • Policies • Procedures and • Amendments (Legal and Constitutional) 			
Unit-3 Institutional Corrections			14
<p>Chapter-5 Prison and Prisoners in India</p> <ul style="list-style-type: none"> • Meaning, Definitions and purpose • Historical development of prison system • Classification: Central prison, district prison, sub-jails, open prison, women's prison and Special Jails. • Classification of Prisoners • Juvenile Correctional Institutions <p>Chapter-6 Legal Provisions for Prisoners</p> <ul style="list-style-type: none"> • Legal Rights of prisoners • Constitutional provisions of prisoners 			

<ul style="list-style-type: none"> • Nelson Mandela rules for the treatment of prisoners 	
Chapter 7 Correctional Psychology <ul style="list-style-type: none"> • Meaning and Objectives • Role of forensic psychologist in prison, court and trials. • Offender Profiling 	
Unit-4 Non-Institutional Corrections and Victimology	14
Chapter-8 Community based corrections <ul style="list-style-type: none"> • Probation, Parole Furlough • Aftercare services • Role of NGOs in reformation and rehabilitation Chapter-9 Victimology <ul style="list-style-type: none"> • Meaning, Definitions and Importance • Typology of Victims • Victimizing Factors and Victim Compensation 	

RECOMMENDED READINGS:

1. Edelston, C.D.&Wicks,R.I.(1977), An Introduction to Criminal Justice, Mc Graw Hill.
2. Krishna Mohan Mathur, (1994), Indian Police, Role and Challenges, Gyan Publishing House, New Delhi.
3. Bhattacharya S.K.,(1986) Probation system in India, Manas Publications, NewDelhi.
4. Brodie,S.R.,(1976) Effectiveness of sentencing Home office, London.
5. Paranjpe,N.V.,(2002) Criminology and Penology, Central Law Publications, Allahabad.
6. S.S Srivasthava – Criminology, Penology and Victimology

JOURNALREFERENCES

1. The Prison Journal - SAGE
2. International Journal of Prisoner Health
3. Journal Of Correctional Health Care

DIGITAL REFERENCES

1. <http://kamarajcollege.ac.in/Department/Criminology/II%20Year/003%20Core%205%20-%20Penology%20&%20Correctional%20Administration%20-%20III%20Sem.pdf>.

2. <https://www.scribd.com/document/408782187/Notes-on-Correctional-Administration-2017>.
3. https://www.academia.edu/34249101/Notes_on_Correctional_Administration.
4. <https://bprd.nic.in/WriteReadData/userfiles/file/5261991522-Part%20I.pdf>.

Pedagogy: Lecture, Assignments, Interactive Sessions, ICT, Group Discussion

Practical

Credits: 2

Marks = 25+25

Course Code CFSDSCMP401

List of Field Based Practical to be conducted

1. Visit the prison as a correctional institution and prepare a report on the reformatory process, rehabilitation measures, and facilities provided.
2. Visit to JJB and CWC to study the functions and powers.
3. Visit to Civil Rights Enforcement Cell and Human Rights Cell.
4. Visit to Observation Homes.
5. Antisocial Personality Disorder test.
6. Sociopathy/ Psychopathy Check List.
7. Aggression Scale
8. Behavior Deviance

IV SEMESTER

BA CRIMINOLOGY & FORENSIC SCIENCE

Core Course Content

Course Title: Child Protection Laws		Course Credits: 3
Course Code: CFSOE401	L-T-P per week: 3-0-0	
Total Contact Hours: 42 Hours		
Formative Assessment Marks:40	Summative Assessment Marks:60	

Pedagogy: Written Assignment/Presentation/Project / Term Papers/Seminar/Field studies

Formative Assessment		
Assessment Occasion	Assessment type	Weightage in Marks
C1 First component	Test-40 marks test for 90 minutes	10
C1 Second Component	Assignment	10
C2 First component		10
C2 Second Component		10
Total		40

Note: Any two different activities for C2 First component and C2 Second component can be selected from the below.

Quiz/Project/Class room exercise/Practice exercise/Educational (industry/ institutes/ NGOs) visit/ field trip/ Field work/Viva voce/Role Play/Charts/ Models/Case study/Group discussion/Crosswords/

**Presentation/seminar/Review – movie / Book/Research articles/e
– content preparation**

Course Learning Outcomes

- Understand the legal and constitutional definition of child and issues and problems of their development stage.
- Describe the role of various social institutions in the child protection and its importance.
- Understanding the powers and functions of Juvenile Justice Board and Child Welfare Committees mentioned under Juvenile Justice Board.
- Explain the crime against children and related laws and guidelines.

IV SEMESTER

TITLE: CHILD PROTECTION LAWS

Number of Theory Credits	Number of Lecture hours/semester	Number of Practical credits	Number of practical hours / semester
03	42	--	---
Content of Theory course			42hrs
Unit-1 Introduction to Child, their Protection and Laws			14
<p>Chapter-1 Child: Meaning and Definition</p> <ul style="list-style-type: none"> • Legal and constitutional definitions of child • Developmental stages of childhood • Theories in child development <p>Chapter-2 Factors determining Well Being and Development Of Children</p> <ul style="list-style-type: none"> • Adult-child relationships • Protection, care and support • Factors affecting development and well-being of children <p>Chapter-3 Child Protection</p> <ul style="list-style-type: none"> • Meaning, definition, nature and scope • Role of family, school, society, NGOs and government in child protection. <p>Chapter-4 Legislations, Policies and Programmes</p> <ul style="list-style-type: none"> • Constitutional provisions for children • UNCRC, other relevant conventions and • National policies in child protection 			
Unit-2 Juvenile Justice System			14
<p>Chapter-5 Juvenile Justice Act</p> <ul style="list-style-type: none"> • Salient features of JJ Act • Procedures while dealing with children in conflict with law • Procedures while dealing with children in need care and protection <p>Chapter-6 Commissions for Protection Of Child Rights Act 2005</p> <ul style="list-style-type: none"> • Role, functions and powers of national commission and state commissions in protection of child rights • Salient features of integrated child protection scheme 			
Unit-3 Crimes against children			14

Chapter-7 Crimes against children

- Crimes against children in family, schools and public places
- Child labour and street offences
- Child trafficking, prostitution and pornography etc

Chapter-8 Special Laws for Crimes Against Children

- Prohibition of child marriage Act
- Protection of children from sexual offences
- Child labour (prohibition and prevention) Act
- United Nations Standard Minimum Rules for Juvenile Justice (Beijing rules)
- UN Riyadh Guidelines etc.

SUGGESTED READINGS:

1. Chaudhary, N. (2004) Listening to Culture: Constructing Reality from Everyday Talk, New Delhi: Sage.
2. Bakshi, I. (1999) Understanding Children and their Problems, Mumbai: Vakils, Feffer and Simons Ltd. Empson, J. M.,
3. Nabuzoka D. (2003) A typical Child Development in Context, New York: Palgrave Macmillan Butler, I. and Roberts, G. (2004) Social Work with Children and Families: Getting into Practice, Second Edition, London: Jessica Kingsley Publishers.
4. Holt, J. (1974) Escape from Childhood, Bhopal: Eklavya-Institute for Educational Research and Innovative Action with permission from Hold Associates, Boston
5. Chandru, K., Geetha, R. & Thanikachalam, C. (1998) Child Law in India, Chennai: Indian Council for Child Welfare.
6. Verhellen, E. (2006) Convention on the Rights of the Child, London: Garant Publishers.
7. Joachim, T. (2004) Promoting Rights Based Approaches: Experiences and Ideas from Asia and the Pacific, Sweden: Save the Children

JOURNAL REFERENCES

1. Child abuse and neglect - Elsevier
2. Child welfare journal - CWLA
3. Child maltreatment - SAGE
4. International journal on child maltreatment - Springer

DIGITAL REFERENCES

1. <https://legalstudymaterial.com/child-protection-law-policy/>
2. <https://www.unicef.org/media/63086/file/UNICEF-Teaching-and-learning-about-child-rights.pdf>
3. <https://www.routledge.com/Childrens-Rights-and-the-Law-An-Introduction/Barnett/p/book/9781138321250>

IV SEMESTER

BA CRIMINOLOGY & FORENSIC SCIENCE

Core Course Content

Course Title: Cybercrimes and Cyber Law		Course Credits: 3
Course Code: CFSOE402		L-T-P per week: 3-0-0
Total Contact Hours: 42 Hours		
Formative Assessment Marks: 40	Summative Assessment Marks: 60	

Pedagogy: Written Assignment/Presentation/Project / Term Papers/Seminar/Field studies

Formative Assessment		
Assessment Occasion	Assessment type	Weightage in Marks
C1 First component	Test-40 marks test for 90 minutes	10
C1 Second Component	Assignment	10
C2 First component		10
C2 Second Component		10
Total		40

Note: Any two different activities for C2 First component and C2 Second component can be selected from the below.

Quiz/Project/Class room exercise/Practice exercise/Educational (industry/ institutes/ NGOs) visit/ field trip/ Field work/Viva voce/Role Play/Charts/ Models/Case study/Group discussion/Crosswords/

**Presentation/seminar/Review – movie / Book/Research articles/e
– content preparation**

Course Learning Outcomes

- Understand the meaning and fundamentals of computers, networking and its operating systems.
- Describe the different types of cybercrimes, cyber security in dealing with its detection.
- Understand the various types of cyber forensic tools in identifying and examination of digital evidences
- Explain the laws related to cybercrimes, its prevention and detection of cybercrimes

IV SEMESTER

TITLE: CYBERCRIMES AND CYBER LAW

Number of Theory Credits	Number of Lecture hours / semester	Number of Practical credits	Number of practical hours / semester
03	42		
Content of Theory course			42hrs
Unit–1 Introduction to Computer and networking			14
<p>Chapter-1 Fundamentals of Computers and operating system</p> <ul style="list-style-type: none"> • Computers & Networking–Basics of computers, its Definitions and classification • Operating systems - Operating system and Function, Batch, Interactive, Time - sharing and Real – Time systems, CPU Scheduling – Scheduling concept, algorithms and Performance criteria, memory management. File sharing, File System Implementation. Overview of Linux Operating System. <p>Chapter-2 Basics of Networking</p> <ul style="list-style-type: none"> • Network Components -Server, client, routers, Shared Printers and other peripherals, Network Interface Card. • Network Devices – hubs, Switches, routers, repeaters. OSI model and TCP/IP model. Basic HTTP, World Wide Web, Web Browsers, Web Servers, Domain Names, URL and DNS. • IP addressing – types and classes. Types of Networks – LAN, MAN and WAN. Working of Wi-Fi and Bluetooth. Overview of cloud computing. 			
Unit–2 Cyber-crime, cyber security & Cyber Forensics			14
<p>Chapter-3 Cyber Crime</p> <ul style="list-style-type: none"> • Cybercrime - meaning, definition and its classification • Cyber crimes against Individuals–E-mail spoofing and online frauds, Phishing and its forms, Spamming, Cyber-defamation, Cyber stalking, Cyber Bullying and harassment, Computer Sabotage, Pornography, Password Sniffing. etc • Cyber Crimes against Women and Children. • 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. 			

<p>Chapter-4 Cyber Security</p> <ul style="list-style-type: none"> • Risk evaluation–Identification of Threats, Vulnerabilities and Risk. • Risk Management, Risk Assessment and Analysis. • Information Classification, Policies, Standards, Procedure and Guidelines. • Security Frame works, Layers of Security. • Authorization and Access Controls- Models, Methods and Types of Access Control. <p>Chapter-5 Digital Forensics: Meaning, Importance and Tools</p> <ul style="list-style-type: none"> • Types of Computer Forensics Tools and its needs • Computer Forensics Software Tools. • UNIX/Linux Forensics Tools, Other GUI Forensics Tools, Computer Forensics Hardware Tools, Forensic Workstations 	
<p>Unit-3 IT Act and other Laws for Cyber - crime</p>	<p>14</p>
<p>Chapter – 6 IT Act 2000</p> <ul style="list-style-type: none"> • Objectives, Applicability, Non-applicability, Definitions, Amendments and Limitations. • Various cyber-crimes under Sections 43 (a) to (j), 43A, 65, 66, 66A to 66F, 67, 67A, 67B, 70, 70A, 70B, 80 etc. along with respective penalties, punishment and fines, Penal Provisions. <p>Chapter-7 Indian Evidence Act</p> <ul style="list-style-type: none"> • Classification civil, criminal cases. Essential elements of criminal law • Cross examination and re-examination of witnesses. • Sections 32, 45, 46, 47, 57, 58, 60, 73, 135,136, 137, 138, 141. Section 293 in the code of criminal procedure. Secondary Evidence Section 65-B. 	

SUGGESTED READINGS:

1. JohnP.Hayes,“ Computer Architecture and Organization”, McGraw-Hill,1988.
2. V.Rajaramanand Niharika Adabala; “Fundamentals of Computers”, 6thEdition, PHI Learning Pvt. Ltd., 2015.
3. Anita Goel; “Computer Fundamentals”, Pearson Publications, 2010.
4. Beherouz.A Forouzan; “Data Communication and Networking”, 4th Edition, TMH, 2000.
5. Andrew S. Tanenbaum; “Modern Operating Systems”, 2nd edition, Addison Wesley, 2001.
6. GaryNutt; “OperatingSystems: A Modern Perspective”, 2nd edition, Pearson Education, 2001.

7. William Stallings; “Operating Systems: Internals and Design Principles”, 5th Edition, Prentice Hall, 2005.
8. KarnikaSeth; “Computers, Internet and New Technology Laws”, Lexis Nexis Buttersworth Wadhwa, 2012.
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Pedagogy: Lecture, Assignments, Interactive Sessions, ICT, Group Discussion

St. Philomena's College (Autonomous) Mysore.

III semester BA- Final Examination _____ 2024

Subject: Criminology & Forensic Science

Title: Police Science & Criminal Investigation

QP Code: CFSDSC203

Time: 2 Hours

Max Marks: 60

PART A

Answer the following Questions:

5X2=10

1

2

3

4

5

PART-B

Answer any FOUR of the following:

4x5=20

6

7

8

9

10

11

PART-C

Answer any THREE of the following:

3X10=30

12

13

14

15

16

St. Philomena's College (Autonomous) Mysore.

IV semester BA- Final Examination _____ 2024

Subject: Criminology & Forensic Science

Title: Correctional Administration

QP Code: CFSDSC204

Time: 2 Hours

Max Marks: 60

PART A

Answer the following Questions:

5X2=10

1

2

3

4

5

PART-B

Answer any FOUR of the following:

4x5=20

6

7

8

9

10

11

PART-C

Answer any THREE of the following:

3X10=30

12

13

14

15

16

St. Philomena's College (Autonomous) Mysore.

III & IV semester BA- Final Examination _____ 2023

Subject: Criminology & Forensic Science

Title: OPEN ELECTIVE

QP Code:

Time: 2 Hours

Max Marks: 60

PART A

Answer the following Questions:

5X2=10

1

2

3

4

5

PART-B

Answer any FOUR of the following:

4x5=20

6

7

8

9

10

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PART-C

Answer any THREE of the following:

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16
