

Department of Criminology & Forensic Science

School of Applied Sciences



Curriculum Framework

Bachelor of Arts

Based on National Education Policy- 2020

2024-2027

Doctor Harisingh Gour Vishwavidyalaya

(A Central University)

Sagar-Madhya Pradesh-470003

About the Department

In 1950, UNESCO realized the significance of the teaching of Criminal Justice at the College and University levels in Asia, and in 1955, a consensus emerged in a symposium held in London. University of Saugor (Sagar) responded to that consensus first and as a result, the Department of Criminology was established on 18th July 1959 largely due to the initiative taken by Shri D. P. Mishra, (the then Vice Chancellor, 1956-1962, and later Chief Minister of Madhya Pradesh). The former Chief Justice of Madhya Pradesh High Court, Justice G. P. Bhatt was appointed as its first regular Professor and Head of the department. After some years, Forensic Science was added and it became the Department of Criminology and Forensic Science.

The Department of Criminology and Forensic Science is running two different courses under the School of Applied Sciences. The department is involved in teaching Criminology and Forensic Science at the graduate and postgraduate levels leading to M.A. in Criminology and M.Sc. in Forensic Science respectively along with the research facilities for Ph.Ds. in both the disciplines. The department is recognized as a DST-FIST-sponsored department. The contributions of the department are various and remarkable in teaching and research. The alumni of the department are occupying outstanding positions and are globally known for their achievements.

Curriculum Framework based on National Education Policy-2020

NEP-2020 has conceptualized the idea to develop well rounded competent individuals for making the nation a self-reliant and global leader. In the same spirit, we at Department of Criminology and Forensic Science have developed a curriculum framework to encompass the goals of NEP 2020. To this end, we have incorporated choice of subject/disciplines of study, creating academic pathways having constructive combinations of disciplines for study with multiple entry and exit points as well as focus on **experiential learning** for students by introducing **multidisciplinary and skill enhancement courses** and actual Hands on training in the recent and trending aspects of the area concern.

Under Graduate Curriculum Framework for Bachelor of Arts

1. Name of the Programme: B.A. Criminology

2. About the Programme: B.A. Criminology is a 6 Semester (3 years) Under Graduate program providing knowledge and developing skills in the disciplines of Criminology. This UG program shall have a “Choice Based Credit System” (CBCS). There shall be a total of 6 Multi-Disciplinary Major (MDM) of 4 credits each; and a total of 6

Multidisciplinary Major practicals of 2 credits each. In addition, there would be a total of 6 Discipline Specific Major (DSM) of 4 credits each; and a total of 6 Discipline Specific Major (DSM) practical of 2 credits each; There shall be a total of 6 Skill enhancement courses (SEC) of 2 credits each. In addition, there shall be 6 Ability Enhancement Courses (AEC) of 2 credits each.

3. Objectives of the Programme: To prepare students to apply critical and ethical thinking skills and apply knowledge to positions in the criminology field and/or their graduate education.

4. Programme Learning Outcomes:

The programme learning outcomes are attained by learners through the essential learnings acquired on completion of selected courses of study within a programme. The outcomes and attributes described in qualification descriptors are attained by students through learning acquired on completion of a programme of study.

Students will gain the depth knowledge of both the disciplinary foundations and new perspectives within the field of criminology. They can also use contemporary challenges for criminological research.

5. Structure of the Programme:

**Bachelor of Arts
Criminology**

Level: 5 Semester - I			
Nature of Course	Course Code	Course Title	Credits
Discipline Specific Major-1	CRM-DSM-111	Fundamental of Criminology	06
Multi-Disciplinary Major-3	CRM-MDM-111	Criminal Law and Procedure	06
Ability Enhancement Course (AEC)	CRM-AEC-111	Crime Scene Investigation	02
Skill Enhancement Course (SEC)	CRM-SEC-111	Feminist Criminology	02

Semester - II			
Nature of Course	Course Code	Course Title	Credits
Discipline Specific Major-1	CRM-DSM-211	Penology and Correctional Administration	06
Multi-Disciplinary Major-3	CRM-MDM-211	Sociology of Crime and Deviance	06
Ability Enhancement Course (AEC)	CRM-AEC-211	Case Study in Criminology	02
Skill Enhancement Course (SEC)	CRM-SEC-211	Tourism Crime and Security Management	02
Exit with Certificate			

Level: 6 Semester - III			
Nature of Course	Course Code	Course Title	Credits
Discipline Specific Major-1	CRM-DSM-311	Juvenile Delinquency	06
Multi-Disciplinary Major-3	CRM-MDM-311	Biology and Psychology of Crime	06
Ability Enhancement Course (AEC)	CRM-AEC-311	Cyber Crime and Security	02
Skill Enhancement Course (SEC)	CRM-SEC-311	Victim-Offender Counselling	02

Semester - IV			
Nature of Course	Course Code	Course Title	Credits
Discipline Specific Major-1	CRM-DSM-411	Criminal Psychology	06
Multi-Disciplinary Major-3	CRM-MDM-411	Criminological and Victimological Theories	06
Ability Enhancement Course (AEC)	CRM-AEC-411	Contemporary forms of Crime	02
Skill Enhancement Course (SEC)	CRM-SEC-411	Drug abuse and De-addiction	02
Exit with Diploma			

Level: 7 Semester - V			
Nature of Course	Course Code	Course Title	Credits
Discipline Specific Major-1	CRM-DSM-511	Victimology (Theory)	04
	CRM-DSM-512	Victim-Offender Case Studies (Practical)	02
Multi-Disciplinary Major-3	CRM-MDM-511	Artificial Intelligence in Criminal Investigation	06
Ability Enhancement Course (AEC)	CRM-AEC-511	Vigilance and Internal Security Management	02
Skill Enhancement Course (SEC)	CRM-SEC-511	Anti Human Trafficking	02

Semester - VI			
Nature of Course	Course Code	Course Title	Credits
Discipline Specific Major-1	CRM-DSM-611	Police Science (Theory)	04
	CRM-DSM-612	Criminal Investigation in Police Science (Practical)	02
Multi-Disciplinary Major-3	CRM-MDM-611	Human Rights and Social Work	06
Ability Enhancement Course	CRM-AEC-611	Research Methods in Criminology	02
Skill Enhancement Course	CRM-SEC-611	Green Criminology	02
Exit with Degree			

6. Teaching Learning Approach:

Mainly this programme will transact the under given pedagogic approach-

- Lecture/Seminar format
- Demonstration
- Readings/written assignments and Field Projects
- Group discussions/tutorial
- Community visit
- Project work
- Field Visit/Survey/Dissertation

7. Assessment

The learner in the programme will be assessed throughout the duration of the programme in a formative and summative evaluations i.e. Mid (I&II) and End Semester examinations. To be eligible to appear in End semester examination a student must appear in Mid semester examinations along with 75 per cent attendance in classroom processes.

SEMESTER - I

CRM-DSM-111 FUNDAMENTAL OF CRIMINOLOGY								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L5 Sem I	CRM-DSM-111	FUNDAMENTAL OF CRIMINOLOGY	6			6	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 90

1. Learning Objectives:

- The main objective of the course is to build a strong foundation in Criminology including the knowledge of scope in the field of Criminology.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To make the learners understand the render in-depth knowledge about the Criminology, scope of Criminology and various social & legal definition of crime as per the Indian Penal Code/Bharatiya Nyaya Sanhita.
- To understand the various types of crimes and theories of criminology.
- To make the learners understand about the etiology of crime.

Unit -I Criminology:

(18Hrs)

- Definition and scope of Criminology, Relation of criminology with social science,
- Definition of Crime: Legal & Social. Elements of crime as per IPC/BNS,
- General exceptions as per BNS
- Crime as per BNS

Unit-II Schools in Criminology:

(19Hrs)

- Pre-classical
- Classical & Neo-classical,
- Socialist
- Geographical
- Italian and body type (Typological)
- Psychological
- Multiple Causation.

Unit -III Special Types of Crime:

(17Hrs)

- De-notified tribes; along with criminal tribes and ex-notified tribes
- Professional crimes
- Organized crimes
- White collar crimes
- Economic crimes

- Political crime
- Cyber crime
- Environmental crime.

Unit –IV Types of Criminals:

(18Hrs)

- Violent criminals
- Property offenders
- Offenders of public morality
- Career and occupational criminals.

Unit-V Etiology of Crime:

(18Hrs)

- Biological factors
- Psychological factors
- Cultural areas as factors of crime
- The home and family factors
- Social institution

Essential Readings:

- Ahuja, Ram. (2000). Criminology. Rawat Publication.
- Barnes, H. E. & Teeters, N. K. (1959). New horizons in criminology. (2nd ed.). New York, NY: Prentice-Hall , Routledge Publishers.
- Francis, T. Cullen & Pamela Wilcox. (2010). Encyclopedia of Criminological Theory. *SAGE Publications*. University of Cincinnati, USA.
- Hagan, Frank E.(2008). Introduction Criminology. Sage Publications, Inc.
- Paranjape, N.V. (2009). Criminology and Penology. Central Law Publications.
- Reckless, Walter c., John F.Cuber. (2012).The crime Problem Literary.Licensing LLC.
- Reid, Sue Titus. (2006).Crime and Criminology.Mc. Graw Hill.
- Sutherland, E.H. Donald, R. Cressey. (1992). Principles of Criminology.(11thed.),General Hall Division of Rowman & Littlefield Publishers, Inc. New york.
- Tappan, Paul w.(1960). Crime, Justice, and Correction. McGraw-Hill Book Company ,Inc. New york, Toronto, London.
- Yablasnsky, Lewis. (1990). Criminology- Crime and Criminality. Harper &Row Publishers Inc. New York.

Suggested Reading:

- Akers, Ronald. L & Sellers. Christine S. (2004). Criminological Theories Introduction, Evaluation and application. Roxbury Pub. Com.
- Burke, R. H. (2020). Contemporary Criminological Theory: Crime and Criminal Behaviour in the Age of Moral Uncertainty. United Kingdom: Taylor & Francis.
- Chambliss, William J. (1988). Exploring Criminology. Macmillan Publishing Company, New York.
- Conklin, J. E. (b) (2001). Criminology. New York: Macmillan Publishing Company.
- Conklin, John E. (a) (1989). Criminology. Macmillan Publishing Company, New York.

- Cullen, F.T. (2003). *Criminological Theories*. Roxbury Publications.
- Daigle, L. E., Hagan, F. E. (2018). *Introduction to Criminology: Theories, Methods, and Criminal Behavior*. United States: SAGE Publications.
- Fuller, J. R. (2019). *Introduction to Criminology: A Brief Edition*. United States: Oxford University Press.
- Hopkins Burke, R. (2018). *An Introduction to Criminological Theory*. United Kingdom: Taylor & Francis.
- Jon, Heidt. (2015). *Introducing Criminological Thinking Maps, Theories, and Understanding*. *SAGE Publications, Inc.*
- Livingston, J. (1996). *Crime and Criminology*. Prentice Hall, New Jersey.
- Mamoria, C.B. (1961). *Social Problems and Social Disorganization in India*. Kitab Mahal Allahabad.
- Qadri, S.M.A. (2005). *Criminology*. Eastern Book Company.
- Roger, Hopkins Burke. (2014). *An Introduction to Criminological Theory*. (4th ed.), Rutledge Taylor & Francis Group London and New York.
- Rowe, Michael & Davies, Pamela. (2021). *An Introduction to Criminology*. United Kingdom: SAGE Publications.
- Sutherland, E. H., Luckenbill, D. F., Cressey, D. R. (1992). *Principles of Criminology*. United States: AltaMira Press.
- Williams, Katherine S. (2001). *Text Book of Criminology*. Universal Law Publishing Co. Pvt. Ltd.

CRM-MDM-111 CRIMINAL LAW AND PROCEDURE								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L5 Sem I	CRM-MDM-111	CRIMINAL LAW AND PROCEDURE	6			6	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 90

1. Learning Objectives:

- The main objective of the course is to know about the criminal law and procedure.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To make the learner's understand about the Criminology, scope of Criminology and various social & legal definition of crime as per the Indian Penal Code/Bharatiya Nyaya Sanhita.

Unit – I

(18Hrs)

- Difference between Criminal Law and Tort
- General exceptions of Bharatiya Nyaya Sanhita, 2023
- Classification of crime as per Bharatiya Nyaya Sanhita, 2023

Unit – II Offences against person:

(18Hrs)

- Culpable homicide
- Murder
- Hurt
- Grievous Hurt
- Kidnapping
- Abduction
- Rape

Unit – III Offences against property:

(18Hrs)

- Theft
- Extortion
- Robbery
- Dacoity
- House-Breaking

Unit – IV Bharatiya Nagarik Suraksha Sanhita, 2023:

(18Hrs)

- Cognizable and Non-cognizable offences
- Bailable and Non-bailable offences
- Compoundable and Non-compoundable offences
- Warrant cases and Summon cases

Unit – V**(18Hrs)**

- Bharatiya Sakshya Adhiniyam, 2023
- Opinions of experts
- Relevancy of confessions and dying declarations
- Relevancy and admissibility of facts

Essential Readings:

- Bharatiya Nyaya Sanhita, 2023
- Bharatiya Sakshya Adhiniyam, 2023
- Bharatiya Nagarik Suraksha Sanhita, 2023

CRM-AEC-111 CRIME SCENE INVESTIGATION								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L5 Sem I	CRM-AEC-111	CRIME SCENE INVESTIGATION	2	-	-	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

- The main objective of the crime scene investigation course is to understand the basics of the investigation process of the scene of crime and legislations.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To gain the knowledge of scene of crime and the crime scene management.
- To understand the traditional and contemporary crimes investigation.
- To know about the lodging of FIR to admissibility of evidences at court.

Unit- 1 Basics of Investigation

(06Hrs)

- Meaning and concept of scene of crime,
- Objectives of Criminal Investigation
- Primary & secondary scene of crime.
- Sketching of scene of crime.Types and search methods of scene of crime

Unit- 2 Scene of Crime Management

(06Hrs)

- Packaging and preservation of evidences
- Photography- importance of photography, Videography, and CCTV Camera, Drone camera
- Role and Functions of Investigator.

Unit- 3 Traditional Crime investigation

(06Hrs)

- Investigation of Physical offences and Property offences.
- Investigation of Economic offences. Investigation of cases of forgery, Cheating and Misappropriation.
- Investigation of Traffic accident cases.

Unit- 4 Contemporary Crime investigation

(06Hrs)

- Investigation of ATM Card, Credit Card/ Debit Card Frauds and other online Payments.
- Investigation of Cyber Crime cases.

Unit- 5 Legislation

(06Hrs)

- Lodging an FIR, Case diary, Summons and warrants, Charge sheet
- Admissibility of Evidence in Court
- Admissibility of Electronic Evidence under Act

Essential Readings:

- Aleem, S. (1991). Women in Indian police (15th ed.). Chicago : Sterling Publishers Private
- Barker, M. & Petley, J. (2001). Ill effects : The media / violence (2nd ed.). London: RoutledgeBelson.
- Choudhary, Rohit. (2009). Policing Reinvention Strategies in a Marketing Frame- Work. New Delhi: Sage Publication
- Coffey, A.R. (1975) The Prevention of Crime and Delinquency. Englewood Cliffs, NJ: Prentice Hall.
- Dennis P. Arthur J. Lurigio, and Robert, C. Davis. (1998). The Prevention of Crime: Social and Situational Strategies. Wadsworth Publishing. Belmont CA.
- Diaz, S. M. (1976). New dimensions to the police role and functions in India Hyderabad: National Police Academy.
- Fisher, Barry A. J. (2000). Techniques of crime scene investigation (6th ed.). New York: CRC Press.
- Gautam, D. N. (1993). The Indian Police : A study in fundamentals. New Delhi: Mittal
- Lab, S. (2000). Crime Prevention: Approaches, Practices and Evaluations. Anderson Publishing Company.
- Nicholas, Blagden. (2012) Policing and Technology, SAGE Publication.
- Paranjape, N.V. (2009), Criminology and Penology, Central Law Publications.

Suggested Reading:

- Baxter Jr., E. (2015). Complete Crime Scene Investigation Handbook. United Kingdom: CRC Press.
- Dutelle. (2016). An Introduction to Crime Scene Investigation. United States: Jones & Bartlett Learning.
- Fisher, B. A. J., Fisher, D. R. (2022). Techniques of Crime Scene Investigation. United Kingdom: CRC Press.
- Genge, N. E. (2008). Forensic Casebook: The Science of Crime Scene Investigation. United Kingdom: Ebury Publishing.
- Makin, D. A. (2015). DNA and Property Crime Scene Investigation: Forensic Evidence and Law Enforcement. United Kingdom: Taylor & Francis.
- Miller, L. S., Braswell, M. C., Wallace, E. W., Fish, J. T. (2013). Crime Scene Investigation. Netherlands: Elsevier Science.
- Miller, M. T. (2018). Crime Scene Investigation Laboratory Manual. United Kingdom: Elsevier Science.
- Pepper. (2005). Crime Scene Investigation: Methods and Procedures. United Kingdom: McGraw-Hill Education.
- Pepper, I. (2010). Crime Scene Investigation: Methods and Procedures. United Kingdom: McGraw-Hill Education.

CRM-SEC-111 FEMINIST CRIMINOLOGY								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L5 Sem I	CRM-SEC-111	FEMINIST CRIMINOLOGY	2	-	-	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

- The main objective of this course is to build a strong foundation in Feminist Criminology, and scope of feminist criminology.

2. Couse Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To make understand the concept and scope of feminist Criminology and theories of feminist criminology.
- To understand the various crimes against females, the legal provisions for females as victims and offenders, and the knowledge of women power schemes.

Unit - I Introduction

(06Hrs)

- Meaning and concept of feminist Criminology.
- Theories: Marxist Feminism, Psychoanalytic Feminism.
- Scope of Feminist Criminology.

Unit - II Crimes by Female as per IPC:

(06Hrs)

- Pick pocket.
- Theft.
- Robbery.
- Drug Trafficking

Unit – III Crime against Female as per IPC

(06Hrs)

- Female feticide.
- Female infanticide.
- Kidnapping.
- Abduction.
- Chile abuse.

Unit - IV Crime against Female as per IPC

(06Hrs)

- Prostitution.
- Murder.
- Rape.
- Women trafficking.
- Modern crimes.

Unit –V Women Empowerment Schemes

(06Hrs)

- One Stop Centre Scheme Services
- Women Helpline Scheme
- UJJAWALA: A Comprehensive Scheme for Prevention of trafficking and Rescue, Rehabilitation and Re-integration of Victims of Trafficking and Commercial Sexual Exploitation
- Mahila Police Volunteers
- NIRBHAYA Squad Function

Essential Readings:

- Barrett, Michèle. (1988). Women's Oppression Today: The Marxist/Feminist Encounter. (Rev. ed.) London: Verso.
- Chodorow, N. (1978) The Reproduction of Mothering. Berkeley: University of California Press.
- Coontz, Stephanie and Peta Henderson. (1986). Women's Work, Men's Property: The Origins of Gender and Class. London: Verso.
- Hansen, Karen V. and Ilene J. Phillipson. (eds.) (1990). Women, Class and the Feminist Imagination: A Socialist-Feminist Reader. Philadelphia: Temple University Press.

Suggested Reading:

- Gibbs, Anita & Gilmour, Fairleigh. (2022). Women, Crime and Justice in Context: Contemporary Perspectives in Feminist Criminology from Australia and New Zealand. United Kingdom: Taylor & Francis..
- Hooks, bell. (1984). Feminist Theory: From Margin to Centre. Boston: South End Press.
- Humphries, D. (2009). Women, Violence, and the Media: Readings in Feminist Criminology. Lebanon: North Eastern University Press.
- Maher, J., et al. (2020). The Emerald Handbook of Feminism, Criminology and Social Change. United Kingdom: Emerald Publishing Limited.
- Moi, Toril. (1985). Sexual/Textual Politics: Feminist Literary Theory. New York: Methuen.
- Morash, M. (2017). Feminist Theories of Crime. United Kingdom: Taylor & Francis.
- Naffine, N. (2015). Female Crime: The Construction of Women in Criminology. United Kingdom: Taylor & Francis.
- Naffine, N. (2018). Feminism and Criminology. Germany: Polity Press
- Renzetti, C. M. (2013). Feminist Criminology. United Kingdom: Taylor & Francis.
- Smart, C. (2014). Women, Crime and Criminology: A Feminist Critique. United Kingdom: Routledge.
- Tong, Rosemarie. (1989). Feminist Thought: A Comprehensive Introduction. Boulder, CO: Westview Press.
- Van Gundy, A. (2014). Feminist Theory, Crime, and Social Justice. Netherlands: Taylor & Francis.

SEMESTER - II

(CRM-DSM-211) PENOLGY AND CORRECTIONAL ADMINISTRATION								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L5 Sem II	CRM-DSM-211	PENOLGY AND CORRECTIONAL ADMINISTRATION	6	-	-	6	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 90

1. Learning Objectives:

- The main objective of the course is to know the penology and correctional work.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To understand the meaning and role of the penology in the overall legal framework.
- To understand the various aspects of the correctional system in India.
- To comprehend and evaluate the importance of various recent trends in the correctional system like after-care services, and rehabilitation of offenders.

Unit – I Punishment:

(18Hrs)

- Definition, meaning and importance of punishment
- Theories of punishment
- Kinds of punishment
- Changes in punitive philosophy

Unit – II Prison System:

(19Hrs)

- Definition and meaning of prison
- History of prison in India and abroad.
- Prison structure and prison management.
- Prison reforms.
- Recidivist

Unit –III Capital punishment:

(17Hrs)

- Capital punishment in India-past to present
- Arguments of Abolitions and Retentionist of capital punishment.
- Classification of prisoners.
- Prisonization

Unit- IV Institutionalized Form of Treatment:

(18Hrs)

- Meaning and Purpose
- Types of institutions
 - Juvenile institutions
 - Open prison
- Correctional Programs counseling-counseling and psychological services

Unit- V Crime prevention:

(18Hrs)

- Vocational Training and work Program: educational, Religious, Games, Recreation
- Probation and parole
- Aftercare services and Rehabilitation
- Role of NGO in Rehabilitation
- Restructuring prisons: A New perspective.

Essential Readings:

- Abadinsky, Howard (1994). Probation & Parole. Simon & Schuster Company, new Jersey.
- Bartollas, Clemens. (1985). Corretional Teatment - Theory and Practive. Prentice hall, New Jersey.
- Carney, Louis P. (1977). Probation and parole: Legal and social dimension. New York: McGraw Hill Book Co.
- Datir, R. N. (1978). Prison as a social system . Bombay: Popular Prakashan.
- Harding, Jamie, Davie, Pamela & Mair, George (2017). An Introduction to Criminal Justice. SAGE Publications Ltd.
- Mark, S. Davis, (2016). The Concise Dictionary of Crime and Justice. (2nded.)SAGE Publications, Inc.
- Mulla A.N., Committee Report on Prison Reforms (1983). Government of India.
- Paranjape, N.V. (2005). Criminology & Penology. Central Law Publications.
- Reckless, Walter C. (1967). The crime problem. Bombay: Vakols, Feffner & Simons P. Ltd.
- Thilagaraj, R. (2013). Criminal Justice System in India. Springer New York.
- Unnithan Prabha N. (2013). Crime and Justice in India (1st Ed.), SAGE India.
- Wakefield, Alison. Fleming, Jenny (2009). The SAGE Dictionary of Policing. SAGE Publications, Ltd .

Suggested Reading:

- Blomberg, T. G. (2017). American Penology: A History of Control. United States: Taylor & Francis.
- Chakrabarti, N. K. (1999). Institutional Corrections. Deep & Deep Publications, New Delhi.
- Chatturvedi, J. C. (2006). Penology And Correctional Administration. India: Isha Books.
- Dev, R. (1998). Criminal Justice. The law Book Company Pvt. Ltd. Allahabad
- Flynn, N., Scott, D. (2014). Prisons & Punishment: The Essentials. United Kingdom: SAGE Publications.
- Harland, Alan J. (1996). Choosing Correction Options that work. Sage Publications, New Delhi.
- Malik, K. P. (2012). Penology, Victimology and Correctional Administration in India. India: Allahabad Law Agency.
- Rani, Dhavan & Dass, Shankar. (2000). Punishment and the Prison Indian and International Perspectives. Sage Publications, New Delhi.
- Renquid Ville, Ugljesa Zuekic, Jon F Klaus. (1997). Promoting Probation Internationally. United Nations, Publications.
- Robert, M. Carter, Daniel Glaser, Leslie T Wilkins. (1984). Probation, Parole and Community Corrections. Prentice Hall, New Jersey.
- Singh, Mahendra P. (1998). Crime Redemption of Criminals, Probation of offenders. Deep & Deep Publications, New Delhi.
- South, N., Weiss, R. P. (2014). Comparing Prison Systems. Netherlands: Taylor & Francis.

CRM-MDM-211 SOCIOLOGY OF CRIME AND DEVIANCE								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L5 Sem II	CRM-MDM-211	SOCIOLOGY OF CRIME AND DEVIANCE	6	-	-	6	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 90

1. Learning Objectives:

- The main objective of the course is to know the meaning and importance of the sociology of crime and deviance.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To understand the Sociological concepts and primary, secondary group of crimes.
- To acquire knowledge of the socio-economic factors of crimes and deviancy.
- To understand the contemporary forms of crimes.

Unit – I Sociological concepts

(18Hrs)

- Community
- Group, Institution
- Committee
- Socialization
- Social Disorganization

Unit – II Primary & Secondary group and crime

(18Hrs)

- Crowd in family
- Broken home
- Illegal child
- Orphanhood
- Neighbourhood
- Family disorganization

Unit – III Socio-economic factors and crime

(19Hrs)

- Urbanization
- Recreation
- Poverty
- Unemployment
- Industrialization.

Unit – IV Deviancy

(18Hrs)

- Gambling
- Alcoholism
- Drug-Addiction
- Prostitution,
- Beggary
- Pornography.

Unit – V Socio-political changes and crime

(17Hrs)

- Criminalization in politics
- Communal violence : causes and cures
- Naxalism : Nature and control
- Terrorism ; meaning, types, control.

Essential Readings:

- Ahuja, Ram. (2000), Criminology. Rawat Publication
- Brien, Martin O. (2008). Criminology: Routledge Publishers.
- Karan, Raj. (2002). Dictionary of Terrorism and Bio terrorism.IVY Publishing House, Delhi
- Barnes, H. E., & Teeters, N. K. (1959). New horizons in criminology (2nd ed.). New York, NY: Prentice-Hall.
- Gandhirajan, C. K. (2004), Organized crime. A P H Publication Corporation.
- Paranjape, N.V. (2009). Criminology and Penology.Central Law Publications.
- Tappan,Paul w. (1960). Crime, Justice, and Correction: McGraw-Hill Book Company, Inc. New york, Toronto, London.
- Shah, Giriraj. (2002). Encyclopedia of international terrorism. Anmol Publications, New Delhi.
- Situ, Yingyi. (2000). Environmental crime: The criminal justice system's role in protecting the environment. Sage Publications, New Delhi.
- Grover, V. (2002). Encyclopedia of international terrorism.Vol.1,2,&3, Deep & Deep Publication, Delhi.

Suggested Reading:

- Clinard, Marshall. (1983), Corporate crime. McMillan Publishing Co.
- Downes, D. M., McLaughlin, E., Rock, P. E. (2016). Understanding Deviance: A Guide to the Sociology of Crime and Rule-breaking. United Kingdom: Oxford University Press.
- Ghosh, S. K. (1991), Indian Mafia. Ashish Publishing House.
- Hall, S. (2012). Theorizing Crime and Deviance: A New Perspective. United Kingdom: SAGE Publications.
- Heaton, T., Lawson, T. (2009). Crime and Deviance. United Kingdom: Macmillan Education UK.
- Kumar, A. (2015). Criminalisation of Politics: Caste, Land and the State. India: Rawat Publications.
- Lyman, Florentini, & Peltzman. (a) (1995). The Economics of Organized crime. Cambridge University Press.
- Lynman, Michael D. (b) (1997). Organized crime. Prentice Hall, Uppar Saddle River.
- McEntire, D. A. (2018). Introduction to Homeland Security: Understanding Terrorism Prevention and Emergency Management. United States: Wiley.
- Mishra, Girish. (1998). White-collar crimes: Gyan Publishing House, New Delhi.

- Nair, P. M. (2002), Combating Organized crime: Konark Publisher.
- Nash, Jay Robert. (1992), World Encyclopaedia of Organized crime. Paragon House, New York.
- Olaitan, W. (2015). Ideas for Socio-Political Change: A Collection of My Social Media Commentaries. United Kingdom: Xlibris AU.
- Rakesh, M. (1994). Computer crimes: Concept, Control and Prevention. Goyal Sysman Computers Pvt Ltd. Bombay.
- Richards, A. (2015). Conceptualizing Terrorism. United Kingdom: Oxford University Press.
- Ryan, E. et al., (2020). Crime, Deviance and Society: An Introduction to Sociological Criminology. India: Cambridge University Press.
- Weisburd, David & Waring, Elin. (2018). Crime and Social Organization. United Kingdom: Taylor & Francis.

CRM-AEC-211 CASE STUDY IN CRIMINOLOGY								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L5 Sem II	CRM-AEC-211	CASE STUDY IN CRIMINOLOGY	2	-	-	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

- The objective of this course is to introduce the concept of case study in criminology.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To understand the historical development, meaning, and nature of the case study.
- To get familiarised with the approach of case studies in field work.
- To acquire skills in writing case study of juvenile delinquents and adult offenders.

Unit I: Introduction

(6Hrs)

Historical development, meaning and nature of case study, Definition of case study, Purpose of case study, Characteristics and principles of case study.

Unit II: Components of case work

(6Hrs)

Components of case work: person, problem, place and process, Types of case study, Main steps in a case study, Advantages of the case methods and Disadvantages of the case study methods.

Unit III: Approach of case history work

(6Hrs)

Case History work: Meaning, Purpose and observation or reconstruction the case history of a criminal case or criminal gang's case.

Unit IV: Approach of Field work

(6Hrs)

Field work: meaning, purpose of field work, case studies in field work: case work in crisis situation like violence, abuse and exploitation, conflicts, disaster and other calamities.

Units V Process and Techniques of case study

(6Hrs)

Writing a case study: meaning and definition, types of interviews, interviewing skills, interview with subjects and preparation of case studies of Juvenile delinquents and adult offenders.

Essential Readings:

- Ram Ahuja (1996). Sociological Criminology. New Age International (P) Limited. New Delhi.
- Ram Ahuja (2019). Research Methods. Rawat Publication. New Delhi
- Beistek, F. P. (1957). The casework relationship. Chicago: Loyola University Press.
- Robert Yin (2017). Case Study Research and Applications: Design and Methods. Sage Publication. USA.
- Fook, J. (1993). Radical Casework: A Theory of Practice. Australia: Allen & Unwin.
- Stanton E. Samenow (2022) . Inside the Criminal Mind. U.S Crown. New York
- Geoff Rolls (2020). Classic Case Studies in Psychology. Routledge New York
- Mathew, G. (1992). An introduction to social casework. Bombay: Tata Institute of Social Science

Suggested Readings:

- Pearlman, H. H. (1957). Social casework: A problem solving process. Chicago: The University of Chicago Press.
- Pippins, J. A. (1980). Developing casework skills. California: Sage Publications.
- Reid, W. J. (1978). The task-centered system. New York: Columbia University Press.
- Richmond, M. E. (2010). What is social case work? An introductory description (1922). New York, USA: Kessinger Publishing
- Robert, R.W. & Nee, R. H. (ed.) (1970). Theories of social casework. Chicago: The University of Chicago Press
- Shahid M. & Jha M. (2014). Revisiting client-worker relationship: Biestek through a Gramscian Gaze. Journal of Progressive Human Services 25. 18-36. 7
- Summers, N. (2011). Fundamentals of Case Management Practice: Skills for the Human Services (HSE 210 Human Services Issues) (4th ed.). CA, USA:
- Brooks Cole & Tracy, E. M., & Whittaker, J. K. (1989). Social Treatment: An Introduction to interpersonal Helping in Social Work Practice. New York: Aldine De Gruyter University of Chicago Press.
- Hansen, L. P. (2020). White Collar and Corporate Crime: A Case Study Approach. United States: Wolters Kluwer.

(CRM-SEC-211) TOURISM CRIME AND SECURITY MANAGEMENT								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L5 Sem II	CRM-SEC-211	TOURISM CRIME AND SECURITY MANAGEMENT	2	-	-	2	IA(Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

- The main objective of this course is to build a strong foundation in the field of Tourism crime and security management.

2. Couse Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To make the learners understand the concept and nature of tourism in India, the historical background of tourism, and tourist destinations in India.
- To know the Tourism and crime, types of crime against tourists and factors contributing to crime against tourists, and tourist as offender provisions of tourism policies in India.
- To understand the crime prevention program for national& international tourists

Unit-I Introduction:

(7Hrs)

- Tourism: concept and nature.
- Historical background of tourism in India.
- Tourist Destination in India.

Unit-II Tourism and Crime:

(6Hrs)

- Types of crimes against tourist.
- Factors contributing to crimes.
- Tourist Community and crime.
- Tourist as offender.

Unit-III Tourism Policies:

(5Hrs)

- Tourism related Policies in India,
- The purpose of Tourism Policy
- Fear of crime and feeling of safe.

Unit-IV Safety and Security:

(6Hrs)

- Theories: Routine activity theory, Hot-spot theory
- Safety, Security of Tourist.
- Impacts of Security Incidents
 - Media behavior

- Impacts on Destination
- Impacts on Tourist behavior
- Impacts on the Tourism Industry.

Unit- V Crime Preventions Measures:

(6Hrs)

- Specific responses to reduce crimes against tourist.
- Crime Prevention programmes for national and international tourist.

Essential Readings:

- Allan, G. & Brenna, F. (2004). Tourism in the New South Africa.
- Azalea, Promotions. (2005). UmhlathuzeEmpangeni and Richards Bay.
- Bely, N. & Associates. (2007). Impacts: Economic Strength of Zululand Musgrave (Durban).
- Brunt, P. Mawby, R. & Hambly, Z. (2000). 'Tourist Victimisation and the Fear of Crime on Holiday.
- C.M. (1979). The Cost Of Crime. Beverly Hills, Sage Publication Inc.
- Cage, K. (2002): Focus on Tourism. Cape Town: Maskew-Miller Longman Publishers.
- Clift, S. & Carter, S. (eds) (2000). Tourism and sex: Culture, commerce and coercion. London: Pinter Publishers.
- Elliot, J. (1997). Tourism: Politics and Public Sector Management. London: Routledge Inc.
- Kromberg, J. (2003). The Impact of Crime on Tourism :South Africa.
- Pizam, A. & Mansfield, Y. (1996): Tourism, Crime and International Security Issue. New York, John Wiley & Sons.
- William, S. (1998). Tourism Geography. London: Routledge. In Lew.

Suggested Reading:

- Bennet, J.A. (1995). Managing Tourism Services: A Southern Africa Perspective .Pretoria: Van Schaik Publishers.
- Clifton, D. (2019). Hospitality Security: Managing Security in Today's Hotel, Lodging, Entertainment, and Tourism Environment. United States: CRC Press.
- Duval, D. T., Hall, C. M., Timothy, D. J. (2012). Safety and Security in Tourism: Relationships, Management, and Marketing. United States: Taylor & Francis.
- Gray, G.M. (1979). The Cost of Crime. Sage Criminal Justice System Annuals Volume 12. Beverly Hills: Sage Publication Inc.
- Holloway, J.C. (1998). The Business of Tourism. New York: Longman Publishing.
- Mathur, L. O., Mathur, A., Mathur, U. (2016). Indian Tourism: Tourist Places of India. (n.p.): CreateSpace Independent Publishing Platform.
- McIntosh, R.W. & Goeldner, C.R. (1995). Tourism: Principles, Practices and Philosophies. New Jersey: John Wiley & Sons.
- Monaco, S. (2021). Tourism, Safety and COVID-19: Security, Digitization and Tourist Behaviour. United Kingdom: Taylor & Francis.

- Metropolitan Police. (1994): City of Urnhlathuze Safety and Security Un.
- Pendergast, D., Morgan, D., Wilks, J., Leggat, P. A. (2021). Tourist Health, Safety and Wellbeing in the New Normal. Singapore: Springer Singapore Pte. Limited.
- Tarlow, P. (2014). Tourism Security: Strategies for Effectively Managing Travel Risk and Safety. Netherlands: Elsevier Science.
- Tarlow, P. E. (2018). Tourism-Oriented Policing and Protective Services. United States: IGI Globa.

SEMESTER - III

CRM-DSM-311 JUVENILE DELINQUENCY								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L 6 Sem III	CRM-DSM-311	JUVENILE DELINQUENCY	6			6	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 90

1. Learning Objectives:

- The objective of the course is to know the concept of juvenile delinquency, the impact of the juvenile justice system in delinquency prevention.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To understand the meaning and definition of delinquency pre delinquency stages and nature and extent of juvenile delinquency.
- To learn about the juveniles in conflict with law and children need care and protection.
- To develop the knowledge about the juvenile justice system in India.

Unit -I

(18Hrs)

- Pre delinquency stages:
 - Truancy
 - Truancy
- Definition and meaning of Juvenile Delinquency
- Nature and extent of Juvenile Delinquency

Unit-II Factors and Delinquency:

(19Hrs)

- Economic factor
- Mass communication Media and Delinquency
- Family and Delinquency
- Sociological factor
- Intelligence and Delinquency

Unit -III Special Types of Crime:

(17Hrs)

- Child Abuse
- Child Labour
- Salient features of POCSO-2012

Unit –IV

(18Hrs)

- Crime against Children
- Juvenile gang
- Female Delinquency

- Juvenile probation

Unit-V

(18Hrs)

- Salient features of JJ Act 2015
- Preventive programmes for juvenile Delinquents
- Treatment of juvenile Delinquents
- Social work role in juvenile Justice

Essential Readings:

- Bhattacharya, Sunil K. (2000). Juvenile Justice - an Indian scenario, Regency Publications, New Delhi.
- Bynum, Jack E. & Thompson, William E. (1999), Juvenile delinquency – a Sociological approach (4th ed.) Ally and Brawn Publication.
- Champion, Dean J.(1992).The Juvenile Justice System: Delinquency Processing and the Law, (2nd ed.), Prentice Hall, New Jersey.
- Elliot, Mabel A.Merrill, Fransco E. (1961).Social disorganization.(4th Ed.) New York.
- Griffin, Brenda S., & Griffin, Charles T. (1978). Juvenile delinquency in perspective. New York: Harper & Row.
- Kumari,Ved.(2017).The Juvenile Justice (Care and Protection of Children) Act 2015 - Critical Analysis(1st Edition),Universal Law Publication, India.
- Marilyn, D. McShane.(2002). Encyclopaedia of Juvenile Justice. SAGE Publications, Inc.
- Rolf Loeber, David Farrington. (2001). Child Delinquents Development, intervention and service needs). Sage publications, New Delhi.
- Steven, M. Cox, Jennifer M. Allen, Robert D. Hanser, John J. Conrad. (2013) Juvenile Justice A Guide to Theory, Policy, and Practice, Eighth Edition, SAGE publication,Inc.

Suggested Reading:

- Hartjen, Clayton A. & Priyadarshini, S. (1984). Juvenile delinquency in India. New Jersey: Rutgers University.
- Hawkins, David J. (1996). Delinquency and Crime - Current theories. Cambridge Univ. Press.
- Juvenile Justice (Care and Protection of Children's) (2015) Act.
- Kratcoski, Peter C. &Kratcoshi, Dunn Lucilli. (1996). Juvenile Delinquency. (4thed.) Prentice Hall, New Jersey.
- Mishra, B.N. Ashish. (1991). Juvenile Delinquency and Justice System. Publishing House, New Delhi.
- Rolf Loeber, David P. Farrington. (b)(1998). Serious and Violent Juvenile Offenders - Risk Factors and Successful Interventions. Sage Publications, New Delhi.
- Rolf Loeber, David P. Farrington. (a) (1996). Preventing childhood disorders, substance abuse and delinquency. Sage Publications, New Delhi.

- Sarkar, Chandana. (1987). Juvenile delinquency in India: An etiological analysis. Daya Publishing House, Delhi.

CRM-MDM-311 BIOLOGY AND PSYCHOLOGY OF CRIME								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L 6 Sem III	CRM-MDM-311	BIOLOGY AND PSYCHOLOGY OF CRIME	6	-	-	6	IA(Mid)-40 EA (End Sem)-60	

Lectures/Hrs. 30

1. Learning Objectives:

The objective of this course is to equip students to understand about the biology and psychology of crime.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following

- To understand the definition and scope of heredity, genes, chromosomes and crime.
- To get Knowledge of various biogenic and psychogenic theories and how the biology and psychology of a person responsible for committing crime.

Unit - I Heredity:

(06Hrs)

- Definition and scope of heredity, Genes, Chromosomes
- Mendal's Law of Heredity
- Genotype, Phenotype, XYY Syndrome and crime.

Unit - II Heredity and crime:

(06Hrs)

- Study of family Genology, study of twins
- Endocrine glands and crime
- Heredity against ecology.

Unit – III Biogenic Theories:

(06Hrs)

- Evolutionary Atavism theory – Lombroso
- Gorings theory - Charles Goring
- Hooton's theory – Hooton
- Physiological theory - Sheldon

Unit - IV Psychogentic theories:

(06Hrs)

- Psychological theory - Goddard
- Psychiatric theory - William Healy
- Psychoanalytical theory - Freud, Adler, Abraham's etc.

Unit –V Mental Problems:

(06Hrs)

- Conflict - Definition and Types
- Frustration - Reactions, Relations, Effect, adjustment
- Feeble mindedness
- Psychopathic personality
- Depression

Essential Readings:

- Adman Raine. (a)(1983).The Psychopathology of Crime, criminal Disorder. Academic Press, Inc.
- Adrian Raine.(b)(1997). Criminal Behavior as a clinical Disorder: The Psychopathology of Crime.(1stEd.) Academic Press, New York.
- Ahuja,Ram. (2000). Criminology. Rawat Publication.
- Bandura, A. (1973). Aggression: A social learning analysis. Englewood Cliffs, NJ: PrenticeHall.
- Bandura, A.& Walters, R. H. (1959). Adolescent aggression. New York, NY: Ronald Press.
- Barland, G. H. (1988). The polygraph test in the U.S.A. and elsewhere. In A. Gale The polygraph test: Lies, truth and science. England London: Sage.
- Barnes, H. E., & Teeters, N. K. (1959). New horizons in criminology (2nded.). New York, NY: Prentice-Hall.
- Bartal, Curt R. (1999). Criminal Behaviour: A Psychosocial Approach, (5th ed.), Prentice Hall, New Delhi.

Suggested Reading:

- Baron, R. A. (1977). Human aggression. New York, NY: Plenum Press.
- Brian, L. Cutler. (2007).Encyclopedia of Psychology and Law.SAGE Publications, Inc.
- Brown, M. (1926). Legal psychology. Indianapolis, IN: Bobbs-Merrill.
- Burt, H. E. (1931). Legal psychology. New York, NY: Prentice-Hall.
- Eysenck, H. J. (1964). Crime and personality. London, England: Routledge & Kegan Paul.
- Frye v. United States.
- Goddard, H. H. (1914). Feeble-mindedness: Its causes and consequences. New York, NY: Macmillan.
- Hare, R. D. (1970). Psychopathy: Theory and research. New York, NY: Wiley.
- Paranjape, N.V. (2009), Criminology and Penology.Central Law Publications.
- Tappan, Paul w. (1960) Crime, Justice, and Correction. McGraw-Hill Book Company, Inc. New York, Toronto, London.

CRM-AEC-311 CYBER CRIME AND SECURITY								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L6 Sem III	CRM-AEC-311	CYBER CRIME AND SECURITY	2	-	-	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

- The objective of this course is to explain the meaning, concept and causes for cyber - crimes.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To understand the meaning, nature of cyber- crime and the historical development of cyber –crime, and typology of cyber- crime.
- To acquire the knowledge of cyber laws in India, and able to understand the various cyber security practices in India.
- This will also enable students to know about cyber policing in India.

Unit-I Introduction:

(6Hrs)

- Cyber Crime: Meaning, Definition and Nature of Cyber Crime
- Historical development of Cyber crime
- Causes for cyber- crime.

Unit- II Typology of Cybercrime:

(7Hrs)

- Hacking, cracking, DoS – Viruses, worms, malwares, bombs, email bombing, data diddling, phishing, steganography, cyber stalking, spoofing, pornography, defamation, computer vandalism, cyber terrorism, cyber warfare.

Unit- III Cyber Laws:

(6Hrs)

- Cyber laws in India
- Information Technology (amended) Act, 2008 Section. 65 to Section. 85

Unit- IV Cyber crime and Security:

(5Hrs)

- Information security -Best information security practices in India.
- E-mail security – Web application security, malware security, network security, cloud security and wireless security.

Unit-V Cyber Policing:

(6Hrs)

- Cyber Policing in India: Legal Status.
- Social Networking Sites vis-à-vis Human Rights.
- New challenges faced by police in Cybercrime.

Essential Readings:

- Atkins, D. Buis, P., Hare, C., et al. (1997). Internet security professional reference.(2nd ed.). Indianapolis IN: New Riders Pub.
- Balkin, J. Grimmelmann, J. Katz, E. Kozlovski, N. Wagman, S. &Zarsky, T. (2006). Cybercrime: Digital Cops in a Networked Environment. New York University Press.
- Bowker, Art. (2012) .The Cybercrime Handbook for Community Corrections: Managing Risk in the 21st Century" ,Charles C. Thomas Publishers, Ltd. Springfield.
- Brenner, S. (2007) Law in an Era of Smart Technology. Oxford: Oxford University Press.
- Hafner, K. & Markoff, J. (1995). Cyberpunks: Outlaws and hackers on the computer frontier. Toronto: Simon and Schuster.
- Halder, D. & Jaishankar, K. (2011) .Cyber crime and the Victimization of Women: Laws, Rights, and Regulations. Hershey, PA, USA.
- Information Technology (Amended) Act, 2008.
- Walker, C. (1998). Crime, criminal justice and the Internet. London: Sweet & Maxwell.

Suggested Reading:

- Alexandrou, A. (2021). Cybercrime and Information Technology: The Computer Network Infrastructure and Computer Security, Cyber security Laws, Internet of Things (IoT), and Mobile Devices. United States: Taylor & Francis.
- Cameron, R., Stratton, G., Powell, A. (2018). Digital Criminology: Crime and Justice in Digital Society. United States: Taylor & Francis.
- Gottschalk, P. (2010). Policing Cyber Crime. United Kingdom: Book Boon.
- Goodman, S. & Soafer, A. (2002). The Transnational Dimensions of Cyber Crime: Washington: Hoover institution Press.
- Halder, D. (2021). Cyber Victimology: Decoding Cyber-Crime Victimization. United Kingdom: Taylor & Francis.
- Hill, J. B., Marion, N. E. (2016). Introduction to Cybercrime: Computer Crimes, Laws, and Policing in the 21st Century. United Kingdom: ABC-CLIO.
- Hynson, C. (2012). Cyber Crime Mankato. Minnesota: Smart Apple Media.
- Johnson, M. (2016). Cyber Crime, Security and Digital Intelligence. United Kingdom: Taylor & Francis.
- Mishra, A. K. (2020). An Overview on Cybercrime & Security, Volume - I. (2020). (n.p.): Notion Press.
- Moore, R. (2005). Cybercrime: Investigating High-Technology Computer Crime. Cleveland, Mississippi: Anderson Publishing.
- Owens, C. L. (1997). Computer Crimes and computer related or facilitated crimes. Federal Bureau of Investigation.

- Parker, A. M. S., Kremling, J. (2017). Cyberspace, Cyber security, and Cybercrime. United States: SAGE Publications.
- Rajput, B. (2020). Cyber Economic Crime in India: An Integrated Model for Prevention and Investigation. Germany: Springer International Publishing.
- Reyes, A. (2007). Cyber crime investigations bridging the gaps between security professionals. Rockland, MA: Syngress Pub.
- Wall, D. (2001). Cyber crimes and the internet. India Wall Crime and the internet. London: Routledge.

CRM-SEC-311 VICTIM-OFFENDER COUNSELING								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L6 Sem III	CRM-SEC- 311	VICTIM-OFFENDER COUNSELING	2	-	-	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

This course is designed to provide a basic understanding of counselling techniques and the relationships with offenders in our society.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following

- To acquire the knowledge to analyse the techniques used in contemporary criminal justice and victimization.
- To know how to apply theories and models of counselling.
- To understand the purpose and forms of the community corrections.

Unit-I Counseling:

(6Hrs)

- Purpose and definition of counseling.
- History of counseling
- Process of counselling

Unit- II Victim and Victimization:

(7Hrs)

- Victim Typology.
- Victimization: Primary, secondary victimization.
- Impact of victimization: Physical, Financial, Psychological.

Unit- III Victim Counseling:

(6Hrs)

- Domestic violence
- Child neglect and abuse
- Sexually abused victim
- Trafficking counseling
- Addiction counseling

Unit- IV Offender Counseling:

(5Hrs)

- Sex offender
- Serial Killer

- Released offenders
- Correctional counselling

Unit-V Theories of Counseling :

(6Hrs)

- Psychoanalytic (Sigmund Freud Theory)
- Adlerian (Freda Adler Theory)
- Meaning of PTSD (Post Traumatic Stress Disorder)
- Grief counseling.

SEMESTER - IV

(CRM-DSM-411) CRIMINAL PSYCHOLOGY								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L6 Sem IV	CRM-DSM-411	CRIMINAL PSYCHOLOGY	6	-	-	6	IA(Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 90

1. Learning Objectives:

- The main objective of the study is to understand about the psychology of the criminals.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following

- To understand the meaning and scope of the Criminal Psychology.
- To learn about the application of lie-detector and narcoanalysis.
- To know the role of psychologist in prison court and police.

Unit – I (18Hrs)

- Introduction: Meaning, purpose and scope of criminal psychology
- Criminal responsibility: Mc-Naughten and Durham rules
- Mens-rea & Actus-rea in the criminal law of India.

Unit – II (19Hrs)

- Provision in the I.P.C. (Sc. 84 and 85)
- Mental abnormalities and crime.
- Normal and abnormal behaviour
- Causes of abnormal behaviour

Unit –III (17Hrs)

- Psychological and Psychoanalytical theory –Sigmund Freud, Adler.
- Intelligence:Theories,Measuring of intelligence.
- Learning Criminal behavior:Social learning, sub culture Perspective.
- Eysenck's theory of personality and crime

Unit- IV (18Hrs)

- Definition meaning and scope of Brain Imaging: techniques in brain imaging
- Historical background of Criminal Psychology in India.
- Application of Narcoanalysis.
- Application of Lie –detector/polygraph

Unit- V (18Hrs)

- Psychology and the police
- Application of Psychology in court
- Application of Psychology in prison
- Psychological Intervention: Intervention with victim/survivors

Essential Readings:

- Barta, Curt R. (1999), Criminal Behaviour: A Psychosocial Approach. (5thEd.) Prentice Hall, New Delhi.
- Brian, L. Cutler. (2007). Encyclopedia of Psychology and Law. SAGE Publications, Inc.
- Clifton, D. Brayant. (2000). Encyclopedia of Criminology and Deviant Behaviour. (1ed.) Routledge; Clifton D. Pryor Editor-in-chief, Brunner Rutledge, Taylor & Francis group.
- Coakley, J.C. (1984): Abnormal psychology and modern life (7th Ed.) Pearson Scott Foresman
- Curt R. Bartol & Anne M. Bartol. (2013). Criminal & Behavioral Profiling. SAGE Publications, Inc.
- David, Canter. (2014). Criminal Psychology. (4th vol.) Sage Benchmark in psychology, Sage publication Ltd.
- David Gadd & Tony Jefferson. (2007). Psychosocial Criminology. SAGE Publications Ltd. University of Manchester & Tony Jefferson University of Keele, UK.
- David, Canter. (2003). Offender Profiling and investigative psychology. John Wiley & Sons Ltd.
- Memon, Amina, Alder Vrij et al. (2003) Psychology and Law: Truthfulness, Accuracy and Credibility. (2nd Ed.) Wiley. Chichester, England.
- Raine, Adrian. (a) (1983). The Psychopathology of Crime, criminal Disorder. Academic Press, Inc.
- Raine, Adrian. (b) (1997). Criminal Behavior as a clinical Disorder The Psychopathology of Crime. (1st ed.) Academic Press, New York.

Suggested Reading:

- Cassel, Elaine Douglas A. Bernstein (2007). Criminal Behavior (2nd Ed.) Lawrence Erlbaum Associates. Mahwah, New Jersey, London.
- Clifton, D. Pryor. (2001). Encyclopedia of Criminal and Deviant behavior. Brunner Routledge Taylor & Francis Group.
- Craig, Webber. (2010). Psychology and Crime. SAGE Publications Ltd.
- Curt, R. Bartol, Anne M. Bartol, (2014). Criminal Behavior: A Psychological Approach. (10ed.) Pearson Education Inc. New Jersey.
- Dennis, Howitt. (2002). Forensic and Criminal Psychology. Prentice Hall.
- Hollin, C. R. Routledge & Kegan, Paul. (1989). Psychology and Crime: An introduction to Criminal Psychology. London.
- Philp Feldman, Mucrice. (1993). The Psychology of Crime: A Social Science Textbook illustrated. reprint Cambridge University Press.

CRM-MDM-411 CRIMINOLOGICAL AND VICTIMOLOGICAL THEORIES								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L6 Sem IV	CRM-MDM-411	CRIMINOLOGICAL AND VICTIMOLOGICAL THEORIES	6	-	-	6	IA (Mid)-40 EA (End Sem)-60	

Lectures/Hrs. 90

1. Learning Objectives:

- The main objective is to present an overview of history and theory of criminology and victimology.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following

- To understand the concept, meaning and historical development of theories.
- To understand the historical development of victimology, causes and forms of victimization.
- To make students aware of the victim assistance programs.

Unit – I Theories: Concept and Meaning of criminology: (18Hrs)

- Theory: Concept and Meaning.
- Radical Criminology.
- Criminology as a science.
- Methods and techniques in criminology.
- Classification of crime according to Indian Penal Code.

Unit – II Sociogenic Theories of Criminal Behavior: (18Hrs)

- Differential Association theory – Sutherland
- Anomie theory- Merton
- Differential Opportunity Theory – Cloward & Ohlin
- Theory of Techniques of Neutralization – Matza & Skies

Unit – III Sociogenic Theories of criminal Behavior: (19Hrs)

- Labeling Theory - Howard Beker
- Containment Theory - Waltar Reckless
- Culture conflict Theory –Thorsten Sellin
- New Deviancy Theory.

Unit – IV Victims- Concept and Importance: (18Hrs)

- Definition and scope of victimology.

- Victims typologies.
- Role of victims in crime.
- Victimological Theories: Von Hentig, Stephen Schafer, Benjamin Mendelsohn.

Unit – V Compensation to Victim:

(17Hrs)

- Restorative Justice.
- Restitution and Ex-gratia.
- Compensation to victims.

Essential Readings:

- Ahuja, Ram. (2000). Criminology. Rawat Publication.
- Babel, B.L. (2013). Criminology & Penology .(4th ed.)Eastern Book Company Hindi.
- Barnes, H. E. & Teeters, N. K. (1959). New horizons in criminology. (2nd ed.). New York, NY: Prentice-Hall.
- Beccaria, Cesare. (1764). On Crimes and Punishments. Richard Davies, Cambridge University Press.
- Bonnie, S. Fisher & Steven, P. La.,(2010).Encyclopedia of Victimology and Crime Prevention. SAGE Publications, Inc.
- David, Kauzlarich and Hugh D. Barlow. (2009).Introduction to criminology (9thed.)Rowman&Littlefield Publishers.
- John, Martyn Chamberlain.(2015).Criminological Theory in Context: An Introduction.SAGE Publications Ltd .Southampton University.
- Jon Heidt, &Johannes P. Wheeldon. (2015).Introducing Criminological Thinking:Maps, Theories, and Understanding.SAGE Publications, Inc.
- Leah E. Daigle, &Tony Jefferson.(2016) .Victimology. SAGE Publications, Inc. Georgia State University &Lisa R. Muftic, Sam Houston State University.
- Paranjape, N.V. (2009).Criminology and Penology. Central Law Publications.
- Reid, Sue Titus. (2006).Crime and Criminology.Mc. Graw Hill.
- Sutherland ,E. H. and Cressey, Donald. (1992), Principles of Criminology. (11th ed). Lanham, Md.: Alta Mira Press
- Tappan, Paul w.(1960).Crime, Justice ,and Correction. McGraw-Hill Book Company,Inc. New York ,Toronto, London.
- Viano, Emilio.(1987). Crime and its Victims. Hemisphere Publishing Corporation, New York.

Suggested Reading:

- Devasia, V.V. & Leelamma, devasia.(1992). Criminology, Victimology and Corrections. Ashish Publishing House, Delhi.
- Leah,E.Daigle, Lisa ,R. Muftic (2016).Victimology .SAGE Publication ,Inc.
- Mawby R.I. & M.L. Gill.(1987). Crime Victims. Tavistock Publications, London..
- Pamela, Davies ,Peter Francis- Chris Greer.(2017). Victims, Crime and society :An introduction. (2nd ed.),Sage Publication Ltd.
- Robert, C.Davis.,Arthur J.Lurigio ,Susan Herman .(2013).Victims of Crime .(4th

ed.)SAGE Publications, Inc. New delhi, California.

- Tara, N. Richards, Catherine D. Marcum. (2015). Sexual Victimization: Then and Now, SAGE Publications, Inc.
- Walkete, Sandra.(1989). Victimology: The Victim and the Criminal Justice Process. Unwin Hyman Ltd. London.
- Yablansky, Lewis. (1990).Criminology- Crime and Criminality. Harper &Row Publishers INC. New York.
- Zehr,Howard.(1976) .Crime and the development of modern society: Patterns of criminality in nineteenth century Germany and France. Rowman and Littlefield .

CRM-AEC-411 CONTEMPORARY FORMS OF CRIME								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L6 Sem IV	CRM-AEC-411	CONTEMPORARY FORMS OF CRIME	2	-	-	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

The main objective of the course is to gain knowledge of different types of contemporary crimes and understand the measures of prevention and control of the crimes.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following

- To understand the nature meaning and forms of white collar crimes and economic crimes, organized crimes, terrorism, cybercrime, and environmental crimes.
- To learn about the root cause of contemporary forms of crimes.
- To acquire knowledge of the different preventive and control strategies of contemporary forms of crimes.

Unit I: White Collar and Economic Crime:

(6Hrs)

- Nature, meaning and forms
- Tax-evasion
- Import/export violations
- Insurance frauds
- Misbranding and adulteration
- Corporate crimes

Unit II: Organized Crime:

(6Hrs)

- Nature, meaning and forms
- Criminal syndicates
- Organized crimes: Regional and International linkages
- Problem of identification, investigation and procedure
- Prevention and control strategies

Unit III: Terrorism:

(6Hrs)

- Nature, meaning and forms
- Types of terrorism
- Narco-terrorism and Amino-terrorism
- National and international roots of terrorism

Unit IV: Cyber Crime:**(6Hrs)**

- Copyright violation of software
- Nature, meaning, definition, forms and etiology
- Internet frauds
- Prevention, detection and prosecution of cyber criminals

Units V Environmental Crimes:**(6Hrs)**

- Nature, meaning and forms
- Crime against wild life: Fauna and Flora
- Crime against forest conservation
- Industrial waste and pollution
- River pollution
- Social and legal measures for controlling crime

Essential Readings:

- Gandhirajan, C .K. (2004).Organized crime, A P H Publication Corporation.
- Grover, V. (2002). Encyclopedia of international terrorism, Vol.1,2, & 3, Delhi: Deep & Deep Publication.
- Karan Raj (2002). Dictionary of Terrorism and Bioterrorism, IVY Publishing House, Delhi.
- Nair, P. M.,(2002).Combating Organized crime, Konark Publisher.
- Shah, Giriraj (2002). Encyclopedia of international terrorism, New Delhi: Anmol Publications.
- Viano, Emilio (2000). Global Organized Crime and International Security, Ashgate Publishing Limited.

Suggested Readings:

- Clinard Marshall (1983). Corporate crime, McMillan Publishing Co.
- Ghosh S K (1991). Indian Mafia, Ashish Publishing House.
- Lyman, Florentini, & Peltzman (1995). The Economics of Organized crime, Cambridge University Press.
- Lynman Michael, D., (1997). Organized crime, Prentice Hall, Upper Saddle River.
- Mishra Girish (1998).White-collar crimes,New Delhi: Gyan Publishing House.
- Nash Jay Robert (1992). World Encyclopedia of Organized crime,New York: Paragon House,.
- Rakesh M.,(1994).Computer crimes: Concept, Control and Prevention,Bombay: Goyal Sysman Computers Pvt Ltd..
- Situ Yingyi (2000). Environmental crime: The criminal justice system's role in protecting the environment, New Delhi: Sage Publications.

(CRM-SEC-411) DRUG ABUSE AND DE-ADDICTION								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L 6 Sem IV	CRM-SEC-411	DRUG ABUSE AND DE-ADDICTION	2	-	-	2	IA(Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

This course is designed with the objective to provide students a deep knowledge about drug abuse and harmful effects on human, society and overall life.

2. Couse Learning Outcomes:

Upon successful completion of the course, the student will learn the following

- To know the warning sign, symptoms, and the substance use disorders.
- To acquire the basic knowledge of drug laws to evaluate historical legal cases and situations related to substance abuse.
- To know the role of Voluntary Organizations, Techniques of Detoxification and Drug Abuse Drug Rehabilitation Centre.

Unit-I

(7Hrs)

- Drug Abuse - Concept, Definition; Causes of Drug Addiction
- Impact of Drug Abuse on Society.
- Rehabilitation of Drug Dependent Persons.

Unit-II

(6Hrs)

- Drug addiction – symptoms, classification, Prevention Facts
- Social Implications, Psychological Implications, Medical Considerations.
- Educational Program for Prevention of Drug abuse and De-addition & Drug control law.

Unit-III

(5Hrs)

- Drug Trafficking; Narco Terrorism
- Salient features of Narcotic Drugs and Psychotropic Substances Act, 1985. (NDPS)
- National Institute on Drug abuse (NIDA) Methods and Skills.

Unit-IV

(6Hrs)

- Drugs Harm reduction treatment, applied behavior analysis
- Alcohol and Substance Abuse Programs Behavioral Psychology
- Cognitive behavioral therapy, family therapy, clinical trials, motivational interviewing, community prevention program.

Unit- V

(6Hrs)

- Role of Voluntary Organizations- Drug Prohibition, Techniques of Detoxification and Drug abuse Drug Rehabilitation Centre's
- Role of NGOs in the Field of Drug abuse.

Essential Readings:

- Alexander, G. Caleb. Kruszewski, Stefan P. Webster, Daniel W. (2012). Rethinking Opioid Prescribing to Protect Patient Safety and Public Health" Jama.
- Chambliss, D.L. et al. (1998). "An update on empirically validated therapies",.Clinical Psychology.
- Chandler, Stephanie. (2012). "Symptoms of an opiate overdose". Live Strong. Retrieve Overdose Death Rates. By National Institute on Drug Abuse (NIDA).
- Evans, Katie; Sullivan, Michael J. (2001). Dual Diagnosis: Counseling the Mentally Ill Substance Abuser. (2nd ed.) New York Press.
- Gold frank, Lewis R. (1998). Gold frank's toxico logic emergencies. Norwalk, CT: Appleton & Lange.
- Ksir, Oakley Ray; Charles. (2002). Drugs, society, and human behavior (9th ed.). Boston [u.a.]: McGraw-Hill.
- Lowinson, Joyce H; Ruiz, Pedro; Millman, Robert B; Langrod, John G (2010). Substance Abuse: A Comprehensive Textbook (4th ed.). Philadelphia: Lippincott Williams & Wilkins.

Suggested Reading:

- Connor, O. Rory; Sheehy, Noel (29 January 2000). Understanding suicidal behavior.
- Philip, Jenkins. (1999). Synthetic panics: the symbolic politics of designer drugs, NYU Press.
- Piper, TM; Stan cliff S; Rusden stein s. et al. (2008). "Evaluation of a naloxone distribution and administration program in New York.
- Walker, Evelyn, & Perry Deane Young. (1986). One Woman's True Account of Sexual and Drug Abuse and Near Death at the Hands of Her Psychiatrist, A Killing Cure. New York.

SEMESTER - V

CRM-DSM-511 VICTIMOLOGY (THEORY)							
Level & Semester	Course Code	Title of the Course	Credit				Marks
			L	T	P	C	
L 7 Sem V	CRM-DSM-511	VICTIMOLOGY (THEORY)	4	-	-	4	IA (Mid)-40 EA (End Sem)- 60

Lectures/Hrs. 60

1. Learning Objectives:

- The objective of the course is to get knowledge about the victimology and the work of criminal justice system for crime victims.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To understand the historical development of victimology, causes and forms of victimization,
- To understand the impact of national and international organizations dealing with victim compensation, victim assistance and disaster management.

Unit – I Victims: Concept and Importance: (10 Hrs.)

- Meaning, nature and definition of victims of crime.
- Historical development of victimology.
- Scope and objectives of victimology.

Unit – II Patterns of Criminal Victimizations: (10 Hrs.)

- Victim- Offender relationship.
- Victim typologies.
- Women and crime victimization.
- Children and crime victimization.

Unit – III Impact of Victimization: (10 Hrs.)

- Physical impact of victimization.
- Financial impact of victimization.
- Victimization: Impact on family.
- Psychological stress and trauma.

Unit – IV Criminal justice System and Victim: (15 Hrs.)

- Victim & Police: Lodging of FIR & recording of statement.
- Deposition & cross examination in courts.
- NGO intervention: victim-witness association, victim association.

Unit – V Compensation to Victim: (15 Hrs.)

- Compensation meaning & importance.
- Restitution, ex-gratia payment, restorative justice.
- Victim Compensation in India.

Essential Readings:

- Bonnie, S. Fisher & Steven P. Lab (2010). *Encyclopedia of Victimology and Crime Prevention*. SAGE Publications, Inc.
- Devasia V.V. & Leelamma devasia (1992). *Criminology, Victimology and Corrections*. Ashish Publishing House, Delhi.
- Leah, E. Daigle (2013). *Victimology: The Essentials*. Georgia State University, SAGE Publications, Inc.
- Paranjape, N.V. (2015). *Criminology & Penology with Victimology*. Central Law Publication
- Robert, C. Davis, Arthur J. Lurigio & Susan Herman (2013). *Victims of Crime (4TH ED.)*. SAGE Publications, Inc.
- Tara, N. Richards, Catherine D. Marcum (2015). *Sexual Victimization: Then and Now*. SAGE Publications, Inc.

Suggested Readings:

- Acorn, Annalise E. (2004). *Compulsory Compassion: A Critique of Restorative Justice*. Vancouver: University of British Columbia Press.
- Emilio Viano (1987) *Crime and its Victims*. New York.: Hemisphere Publishing Corporation,
- Gottfredson, Gary D. (1985). *Victimization in Schools*. New York: Plenum Press
- Mawby R.I. & M.L. Gill (1987) *Crime Victims*. London: Tavistock Publications
- Pamela Davies –Peter Francis- Chris Greer, (2017). *Victims, Crime and society: An introduction (2nd ed.)*. Sage Publication Ltd.
- Daigle, L. E., Muftic, L. R. (2019). *Victimology: A Comprehensive Approach*. United States: SAGE Publications.
- Lab, S. P., Doerner, W. G. (2020). *Victimology*. United States: Taylor & Francis.
- Yager, J. (2021). *Essentials of Victimology: Crime Victims, Theories, Controversies, and Victims' Rights*. United States: Wolters Kluwer.
- Turanovic, J. J., Pratt, T. C. (2019). *Thinking About Victimization: Context and Consequences*. United States: Taylor & Francis.
- Daigle, L. E. (2017). *Victimology: A Text/Reader*. United States: SAGE Publications.

CRM-DSM-512 VICTIM-OFFENDER CASE STUDIES (PRACTICAL)								
Level & Semester	Course Code	Title of the Course	Credit				Marks	Course Coordinator
			L	T	P	C		
L 7 Sem V	CRM-DSM-512	VICTIM-OFFENDER CASE STUDIES (PRACTICAL)	-	-	2	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 60

1. Learning Objectives:

- The students are supposed to prepare a report file based on field work.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To develop the skills through the interview of the cases and prepare the case studies.
- Preparation of Interview Schedule
- Case history work
- Preparation of case studies of truant, vagrant, child beggars, child labours etc.
- Preparation of case studies of different types of victims
- Preparation of case studies of released offenders

CRM-MDM-511 ARTIFICIAL INTELLIGENCE IN CRIMINAL INVESTIGATION								
Level & Semest er	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L7 Sem V	CRM-MDM-511	ARTIFICIAL INTELLIGENCE IN CRIMINAL INVESTIGATION	6	-	-	6	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

- The main objective of the course is to know the meaning and importance of the artificial intelligence in criminal investigation.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- Understanding the Role and importance of Artificial Intelligence in Crime Investigation
- Explain the role of AI in Criminal Justice System
- Describing the application of AI in prevention & Detection of Crime
- Understanding various tool of AI in policing.

Unit – I Introduction to Artificial Intelligence

(06Hrs)

- Artificial Intelligence
- Concept and Meaning and Definition
- Development of AI and its importance
- Application of AI in collection of Criminal Intelligence

Unit – II Artificial Intelligence in Crime investigation

(06Hrs)

- Prevention of Crime through AI
- Detection of Crime through AI
- Application of AI in CJS
- Predictive Policing and Crime Analysis

Unit – III Introduction to Tools of AI in Policing

(06Hrs)

- Surveillance System: Meaning and its importance in Policing
- CCTVs as a tool of AI
- Cameras as a tool of AI
- FRS as a tool of AI
- GPS & GIS as tool of AI

Unit – IV Access Control System and AI

(06Hrs)

- AI Barriers
- Biometric System
- Voice Recognition
- Access Card

Unit – V Challenges of Artificial Intelligence

(06Hrs)

- Bias and unfairness
- Lack of transparency and accountability
- Job displacement
- Security and privacy risks
- Ethical concerns

Essential Readings:

- Alisha (2021) Use of Artificial Intelligence in Criminal Justice System, 1st edition Bluerose Publishers Pvt. Ltd.
- Dennis J. Baker, Paul H. Robinson (2020) Artificial Intelligence and the Law: Cybercrime and Criminal Liability, 1st Edn, Routledge Publications.
- Elaine Rich (1991) Artificial Intelligence, 2nd Edn, Micraw-Hill Publications.
- Patterson W Dan (1990) Introduction to Artificial Intelligence and Expert Systems, Prentice Hall Publications.
- Padhy N P (2005) Introduction to Artificial Intelligence and Intelligent Systems, Oxford Publication

Suggested Reading:

- Quattrocolo, S. (2020). *Artificial Intelligence, Computational Modelling and Criminal Proceedings: A Framework for A European Legal Discussion* (1st Edition). Springer.
- Rébé, N. (Ed.) (2023). *Artificial Intelligence: Crime, War, and Justice*. Ethics Press.
- Završnik, A., & Simončič, K. (Ed.) (2023). *Artificial Intelligence, Social Harms and Human Rights*. Palgrave Macmillan Cham.

CRM-AEC-511 VIGILANCE AND INTERNAL SECURITY MANAGEMENT								
Level & Semest er	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L7 Sem V	CRM-AEC-511	VIGILANCE AND INTERNAL SECURITY MANAGEMENT	2	-	-	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

3. Learning Objectives:

The main objectives of this course are to build a strong foundation in the Concept of Vigilance, classification of documents, Internal and National security, defence against internal threats.

4. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To make the learners understand the render in-depth knowledge about concept of vigilance, information and intelligence.
- To make learners understand and recognise various aspects of internal and national security.

Unit-I (06Hrs)

- Concept of Vigilance
- Information and Intelligence - Collection, collation and timely reporting
- Confidential enquiries - Classification of documents: Top secret / Secret / Confidential / Restricted.

Unit-II (06Hrs)

- Concept of Internal and National Security
- Organizations: Government and Non-Governmental, Scope of Internal Security
- Problems of Internal Security Management in India.

Unit-III (06Hrs)

- Protection against Environment
- Road Accidents.
- Defence Against Internal Threats: Caste, Communal, Political Violence
- Espionage, Abuse of Wealth.

Unit-IV (06Hrs)

- Rule of Law: Constitutional Provisions, Impact on Human Rights
- Safeguards Against Terrorism, Naxalism and Smuggling.

Unit-V

(06Hrs)

- Defence of Economic Institutions: Factories and Banks
- Alarm System: Televisions, Electronic Gadgets, Fire precautions, precautions against Explosives
- Security of Public places.

Essential Readings:

- Andrew, Ridker. (2014). Privacy Policy: the anthology of Surveillance Poetics. (1 ed.). Black ocean
- Baruah, Sanjib. (2005). Durable Disorder: Understanding the Politics of Northeast. India Oxford: Oxford University Press.
- Chitkara, M. G. (1997). Corruption "N" Cure. New Delhi: APH Publishing House.
- Dipak, H. (1989). Industrial security in India. New Delhi: Ashish Publishing House.
- Gompert, David C. (2007). Heads We Win The Cognitive Side of Counterinsurgency. (COIN), Occasional Paper Santa Monica, CA: RAND.
- Gupta, R. S. (1994). Management of internal security. New Delhi: Lancer Publishers.
- Hoffman, Bruce & Jennifer Morrison Taw. (1992). A Strategic Framework for Countering Terrorism and Insurgency. Santa Monica: RAND, CA
- Jha, R.C. (1991). Police Surveillance and Community Security: A study of historical and legal aspects of Police Surveillance in india, Swan publishers.

Suggested Readings:

- Post, Richard S. & Kingsbury, Arthur A. (1973). Security administration: An introduction. Springfield, Illinois: Charles C. Thomas.
- Rajaram. (1993). Bank security: A Branch manager's handbook. Bombay: Himalaya Publishing House. Security Tester International Software Testing Qualifications Board.
- Sinha, R. K. (2000). Crimes affecting state security-problems and recent trends. New Delhi: Deep & Deep Publications.
- Viano Emilio (2000), Global Organized Crime and International Security, Ashgate Publishing Limited.
- Woodhull, A. (2002). Private investigation: Strategies and techniques. Texas: Thomas Investigations Publications.

CRM-SEC-511 ANTI HUMAN TRAFFICKING								
Level & Semest er	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L7 Sem V	CRM-SEC-511	ANTI HUMAN TRAFFICKING	2	-	-	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

5. Learning Objectives:

- The main objective of this course is to know about the anti-human trafficking.

6. Couse Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To make the learners understand about the magnitude of the human trafficking.
- To make the learners understand about the legal provisions and Rehabilitation and Prevention programmes in India.

Unit – I Human Trafficking in India: An introduction (06Hrs)

- Historical trajectory
- Nature and magnitude of human trafficking
- Forms and types of human trafficking
- Human trafficking vs Sex work

Unit – II Theoretical Perspectives of Human Trafficking (06Hrs)

- Inter-disciplinary Approach
- Feminist Approach
- Stigma, exclusion and push - pull theory from Sociological Approach
- Neo-liberal Approach

Unit – III Anti-Human Trafficking efforts of the NGOs and Law Enforcing Agency (06Hrs)

- Anti-Human Trafficking Units
- Rescue, Re-integration and Repatriation of the Trafficked survivors
- Modus operandi and low conviction rate of the traffickers
- Shelter homes for the trafficked survivors

Unit – IV National and International Policies of Human Trafficking (06Hrs)

- Legal provisions in India
- International Legal provisions
- Palermo protocol of the UN

- Critique of the policies

Unit – V Rehabilitation and Prevention

(06Hrs)

- Trafficking and Development
- Interpersonal Communication Skills
- Rehabilitation and Prevention programmes in India
- International perspective of Rehabilitation and Prevention

Essential Readings:

- Banerjee, Paula (2016): Criminalising the Trafficked – Blaming the Victim, Economic & Political Weekly, (Special Issue on Review of Women's Studies), 5th November, Vol. 1.1, Nos 44 & 45. pp 62-68.
- Crawford, Mary (2010): Sex Trafficking in South Asia: Telling Maya's Story, Routledge Research on Gender in Asia Series.
- Castells, Manuels. 2000. The Rise of the Network Society, Wiley Blackwell.
- George, Annie, Vindhya U, Ray, Sawmya (2010) Sex Trafficking and Sex Work: definitions, Debates and Dynamics – A Review of Literature, 4th April, Vol. XIV no 17, Economic & Political Weekly.
- Ghosh, Biswajit (2014): Vulnerability, Forced Migration and Trafficking in Children and Women – A Field View from the Plantation Industry in West Bengal, 28 June, Vol XLIX, Nos 26 & 27, Economic & Political Weekly.

Suggested Readings:

- UNODC (United Nations Office on Drugs and Crime) (2014): Annual Report. https://www.unodc.org/documents/AnnualReport2014/Annual_Report_2014_WEB.pdf
- Nair, P.M. and Sankar Sen. (2005). Trafficking in Women and Children in India. New Delhi: Orient Blackswan.
- Weitzer, Ronald. (2014). New Directions in Research on Human Trafficking, The ANNALS of the American Academy of Political and Social Science, v. 653 (May), pp 6-24.
- Purkayastha, Bandana and Yousaf, Navid, Farhan. (2018). Trafficking: Trade for Sex, Labour, and Organs, Polity, 1st Edition.

SEMESTER - VI

CRM-DSM-611 POLICE SCIENCE (THEORY)								
Level & Semester	Course Code	Title of the Course	Credits				Marks	Course Coordinator
			L	T	P	C		
L7 Sem VI	CRM-DSM-611	POLICE SCIENCE (THEORY)	4	-	-	4	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 60

1. Learning Objectives:

The objective of the course is to understand about the basics of Police Administration.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following

- To understand the importance of the police organisation and structural significance of the police.
- To understand how to examine the crime scene associated procedures and Forensic Science investigation.

Unit- 1 Origin and growth of Police:

(12Hrs)

- Historical development of Police system in India.
- General organization of Police at state, range and district level.
- Commissionerate System of Policing.
- Criminal Investigating Department (CID)
- State Armed Police, Home Guards, Women police.

Unit- 2 Recruitment and Training of Police:

(12Hrs)

- Educational and other qualifications of Constable, Sub-Inspector, Dy. SP in Madhya Pradesh & IPS officers.
- Process of recruitment at entry level officers (Constable, SI, Dy. SP & IPS)
- Training institutions and training courses for entry level police officers

Unit- 3 Police organization under central Government:

(12Hrs)

- General information about their structure and function-BSF, Assam Rifles, CRPF, CISF, ITBP, NSG.
- General information about their structure and function-BPR & D, CBI, IB, RAW, NCRB, NPA, UT Police Force.
- International Police Organization: Interpol- History, structure, general & special notices.
- Internal and external challenges in policing; Depiction of Police in Media: Print and Visual media.

Unit- 4 Scene of crime:**(12Hrs)**

- Primary & secondary scene of crime. Types and search methods of scene of crime.
- Methods of preservation: Photography-importance of photography, Videography.
- Sketching of scene of crime: Types of sketch, general guidelines for sketching, methods for determination of location, rough sketch, finished sketch, importance of sketch.
- Investigation: FIR, case diary

Unit- 5 Forensic Science:**(12Hrs)**

- Definition, history, development and scope of forensic science in India.
- State and central forensic science laboratories, their structure and functioning.
- Physical evidences: Definition, types, principle of exchange.
- General information provided by physical evidences. Chain of custody.

Essential Readings:

- Aleem, S. (1991). Women in Indian police (15th ed.). Chicago: Sterling Publishers Private
- Barker, M. & Petley, J. (2001). Ill effects: The media/violence (2nd ed.). London: Routledge Belson.
- Choudhary, Rohit. (2009). Policing Reinvention Strategies in a Marketing Framework. New Delhi: Sage Publication
- Coffey, A.R. (1975) The Prevention of Crime and Delinquency. Englewood Cliffs, NJ: Prentice Hall.
- Dennis P. Arthur J. Lurigio, and Robert, C. Davis. (1998). The Prevention of Crime: Social and Situational Strategies. Wadsworth Publishing. Belmont CA.
- Diaz, S. M. (1976). New dimensions to the police role and functions in India. Hyderabad: National Police Academy.
- Fisher, Barry A. J. (2000). Techniques of crime scene investigation (6th ed.). New York: CRC Press.
- Gautam, D. N. (1993). The Indian Police: A study in fundamentals. New Delhi: Mittal
- Lab, S. (2000). Crime Prevention: Approaches, Practices and Evaluations. Anderson Publishing Company.
- Nicholas, Blagden. (2012) Policing and Technology, SAGE Publication.
- Paranjape, N.V. (2009), Criminology and Penology, Central Law Publications.

Suggested Reading:

- James, Vadackumchery. (1998). Crime, Police & Correction. APH Publishing Company, New Delhi.

- Krishna, Mohan Mathur. (1994). Indian Police, Role and Challenges. Gyan Publishing House, New Delhi.
- Mathur, K. M. (1994). Indian police :Role and challenges . New Delhi: Gyan Publishing House.
- Mayhill, Pamela D. (1985). Police-community relations and administration of justice. Prentice Hall Englewood Cliffs.
- Morley, W.H. (1958). Administration of Justice in India. New Delhi, Metropolitan
- Nehad, Ashraf. (1992). Police and Policing in India. Common Wealth Publishers, New Delhi. New York: MacMillan Publishing Co. Inc.
- Parmar, M.S. (1992). Problems of Police Administration. Reliance Publishing House, New Delhi.
- Potter, W. James. (1999). On media violence. London. Sage Publications.
- Swanson, Charles, R. (1983). Police administration. Structure, Processes and behavior. Sage Publications.

CRM-DSM-612								
CRIMINAL INVESTIGATION IN POLICE SCIENCE (PRACTICAL)								
Level & Semester	Course Code	Title of the Course	Credit				Marks	Course Coordinator
			L	T	P	C		
L 7 Sem VI	CRM-DSM-612	CRIMINAL INVESTIGATION IN POLICE SCIENCE (PRACTICAL)	-	-	2	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 60

1. Learning Objectives:

- This course gives an overview of the cardinal principles and techniques of crime scene investigation.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To know about the procedure of crime scene investigation by the police.
- To understand the evidence collection procedures and crime scene sketching.

Crime Scene:

- Photography and videography of Crime Scene.
- Indoor and Outdoor Crime Scene Sketching.
- Packing of Evidences.
- Surveillance.

CRM-MDM-611 HUMAN RIGHTS AND SOCIAL WORK								
Level & Semester	Course Code	Title of the Course	Credit				Marks	Course Coordinator
			L	T	P	C		
L 7 Sem VI	CRM-MDM-611	HUMAN RIGHTS AND SOCIAL WORK	6	-	-	6	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

- This course gives an overview of the human rights and social work.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To make the learners understand about nature and scope of human rights.
- To make the learners understand about social work process.

Unit–I Human Rights – Provisions and the Constitution of India: (06 Hrs.)

- Meaning, Nature and Scope of Human rights
- Universal Declaration of Human Rights 1948 and preventive measures- protection of human rights 1993.
- International Convention – UN Charter and Universal Declaration of Human Rights
- Human Rights Issues in India.
- Specific Rights: - Rights to life, Liberty and Equality, Right to fair hearing in the court, Right to freedom from torture and other cruel and inhuman degrading treatment, Rights of the child, Women's Rights, Prisoner's Rights, Victim's Rights.

Unit–II Protection of Human Rights: (06 Hrs.)

- Preventive measures for the protection of Human right
- Human right Organizations, Commissions and Committees
- State Human Right commission
- Role of NGO- amnesty international, red cross society, human rights watch people, PUCL, AIDWA.
- Human Rights in Criminal Justice Administration- hand cuffing, custodial violence, third degree method of interrogation.

Unit–III Social Work: (06 Hrs.)

- Meaning, Nature and Scope
- Social work in India.
- Social work as a profession

- Social work agencies / Institutions

Unit–IV Social case work:

(06 Hrs.)

- Definition, objectives, Assumptions and Principles.
- Principal components of social case work
- Social case work process –Interviewing –Nature, objectives and Techniques
- Social Case work in the field of Correction

Unit –V Social Group work:

(06 Hrs.)

- Definition, Objectives, Assumptions and Principles
- Nature of Groups: Definition and Types
- Group process and personality development
- Social group work process and stages

Essential Readings:

- Alston, P. (1992). The United Nations and human rights: A critical appraisal. Oxford, England: Clarendon Press.
- Aswathi, S. K., & Kakoria, R. P. Law relating to protection of human rights: Millennium Edition. Orient Publishing Company.
- Begum, Mehataj. (2000). Human rights in India: Issues and perspectives. New Delhi: APH Publishing Corporation.
- Bharti, D. (2002). The constitution and criminal justice administration. New Delhi: APH Publishing Corporation.
- Chakrabarty, Manik (1998). Human rights and refugees: Problems, laws and practices. New Delhi: Deep & Deep Publications.

Suggested Reading:

- Kumar, Anuradha. (2002). Human rights: Global perspective, New Delhi: Sarup & Sons.
- Mishra, R. C. (2001). Crime trends and criminal justice. New Delhi: Authors press.
- Pande, G. S. (2002). Constitutional law of India (8th ed.). Allahabad: Allahabad Law Agency.
- Ravindran, D. J. (1998). Human rights praxis: A resource book for study, action and reflection. Chennai: Earth Worm Books.
- Thilagaraj, R. (2000). Human rights and criminal justice administration. New Delhi: Manohar Publications.
-

CRM-AEC-611 RESEARCH METHODS IN CRIMINOLOGY								
Level & Semester	Course Code	Title of the Course	Credit				Marks	Course Coordinator
			L	T	P	C		
L 7 Sem VI	CRM-AEC-611	RESEARCH METHODS IN CRIMINOLOGY	2	-	-	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

- This course gives an overview of the research methods in Criminology.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To make the learners understand about the purpose of research in Criminology.
- To make the learners understand about data processing and report writing.

Unit-I

(06 Hrs)

- Nature of social research
- Purpose of research in criminology
- Research Methods: (a) Selection of problem and research areas.
(b) Objectives and hypothesis
(c) Sampling
(d) Data collection
(e) Data analysis
(f) Report writing

Unit-II

(06 Hrs)

- Hypothesis and types
- Variables: dependent and independent.
- Reviewing the literature: (a) Familiar with the library.
(b) Text/ Journal abstracts
(c) Journals
(d) News papers
(e) Internet searches.

Unit-III

(06 Hrs)

- Research Design: Meaning and importance.

- Types of Research design: (a) Formulative design
(b) Description design
(c) Experimental design
(d) Factorial design
(e) Quasi experimental design

Unit-IV

(06 Hrs)

- Meaning & Importance of sampling
- Sampling techniques: (a) Probability sampling
 1. simple random samples
 2. stratified Random samples
 3. systematic samples
 4. cluster samples
 (b) Non- probability sampling
 1. Purposive samples
 2. Quota samples
 3. Snow ball samples
 4. Convenience sample

Unit-V

(06 Hrs)

- Methods of Data collection.
 - (a) Observation
 - (b) Questionnaire
 - (c) Interview
 - (d) Case study
 - (e) Content analysis
- Attitude scales: Thurston, Likert, Guttemon.

Essential Readings:

- Bailey Carol A. (1996). *A Guide to Field Research*, Pine Forge Press, California.
- Choudhary, C.M. (1998). *Research Methodology*, Sublime Publications, Jaipur.
- Coolican, Hugh, (1990). *Research Methods and statics in Psychology*, Hodder & Stoughton, London.
- Dantzker L. Mark & Ronald D. Hunter (2012). *Research Methods For Criminology And Criminal Justice (3rd Edition)* Jones & Bartlett Learning, LLC.
- Hagan, Frank E, (1982). *Research Methods in Criminal Justice and Criminology*, Mamillian Co. New York.
- Maxfield, Michael G & Babbie, Earl, (2000). *Research Methods for Criminal Justice and Criminology*, 3rd edition, Wadsworth Thomson Learning.
- Pogrebin, Mark .(2002). *Qualitative Approaches to Criminal Justice :Perspectives from the Field*, SAGE Publications, Inc
- Thakur, Devendra, (2003). *Research Methodology in Social Sciences*, Deep & Deep Publications, New Delhi.

Suggested Readings:

- Booth, W. C., Williams, J. M., Colomb, G. G., Bizup, J., FitzGerald, W. T. (2016). *The Craft of Research*, Fourth Edition. United Kingdom: University of Chicago Press.
- Paternoster, R., Bachman, R. D. (2017). *Essentials of Statistics for Criminology and Criminal Justice*. United States: SAGE Publications
- Crowther-Dowey, C., Fussey, P. (2017). *Researching Crime: Approaches, Methods and Application*. United Kingdom: Palgrave Macmillan.
- Wincup, E., Wincup, L. i. C. a. C. J. S. o. S. S. E. (2017). *Criminological Research: Understanding Qualitative Methods*. United Kingdom: SAGE Publications.
- Rennison, C. M., Hart, T. C. (2018). *Research Methods in Criminal Justice and Criminology*. United States: SAGE Publications.
- Babbie, E. R. (2018). *The Basics of Social Research Enhanced*. United States: Wadsworth.
- Francis, P., Davies, P. (2018). *Doing Criminological Research*. United Kingdom: SAGE Publications.
- Grønmo, S. (2019). *Social Research Methods: Qualitative, Quantitative and Mixed Methods Approaches*. United Kingdom: SAGE Publications.

CRM-SEC-611 GREEN CRIMINOLOGY								
Level & Semester	Course Code	Title of the Course	Credit				Marks	Course Coordinator
			L	T	P	C		
L 7 Sem VI	CRM-SEC-611	GREEN CRIMINOLOGY	2	-	-	2	IA (Mid)-40 EA (End Sem)- 60	

Lectures/Hrs. 30

1. Learning Objectives:

- This course gives an overview of the Green Criminology.

2. Course Learning Outcomes:

Upon successful completion of the course, the student will learn the following:

- To make the learners understand about the wildlife crime and trafficking.
- To make the learners understand about the causes and effects of the green crime.

Unit– I Introduction: (6Hrs.)

- Concept, Definition, historical development, types of green crime

Unit– II Forms of green crime: (7 Hrs.)

- Nature, Primary green crimes and Secondary green crimes, causes and effects of the green crime.
- Environmental Theories–Green Offenders, Green Victims

Unit– III Green crime Investigation: (7 Hrs.)

- Environmental Investigation Agency, Wildlife crime and trafficking, corporate environmental crime.
- Illicit Drug Cultivation and the Environment

Unit – IV Environmental law & Regulation: (5 Hrs.)

- Protecting the Air, Protecting the Water, Monitoring and Controlling Hazardous Waste, Protection of environment under Article 226 and 321 of the Constitution of India and relief provided there under

Unit – V Environmental Justice: (5 Hrs.)

- International law and national law environmental protection, Offence under Wild Life (Protection) Act, Offence under Environment (Protection) Act, Prevention and Control of the green crime, Environmental NGO's

Essential Readings:

- Beirne, Piers & South, Nigel (2007) *Issues in Green Criminology: Confronting Harms Against Environments, Humanity and Other Animals*, Willan.
- Hall, M., Maher, J., Nurse, A., Potter G., Wyatt T. & South N. (2017). *Greening Criminology in the 21st Century: Contemporary debates and future directions in the study of environmental harm*, Routledge.
- Lynch, J., Michael. & Stretesky, B., Paul. (2014). *Exploring Green Criminology: Toward a Green Criminological Revolution*, Routledge.
- Nurse, Angus (2015). *An Introduction to Green Criminology and Environmental Justice*, SAGE Publications Ltd.
- Nurse, A., (2015). *Policing Wildlife: Perspectives on the Enforcement of Wildlife Legislation* (Palgrave Studies in Green Criminology). Palgrave Macmillan
- Ollund, Ragnhild & Ellefsen, Rune, (2012), *Eco-global Crimes: Contemporary Problems and Future Challenges*, Routledge
- Sollund, Aslaug, Ragnhild, (2015). *Green Harms and Crimes: Critical Criminology in a Changing World*, Macmillan
- Westerhuis, Diane et al. (2013). *Emerging Issues in Green Criminology: Exploring Power, Justice and Harm* (Critical Criminological Perspectives), Palgrave Macmillan.
- White, Rob & Heckenberg, Diane (2014). *Green Criminology: An Introduction to the Study of Environmental Harm* (1st Ed.), Routledge.

Suggested Readings:

- Burns, R.G., Lynch, M.J., & Stretesky, P.B. (2008). *Environmental Law, Crime, and Justice*. New York, NY: LFB Scholarly.
- Dr. G.S. Karkara. (2005). *Environmental Law*: Allahabad. Central Law Publication.
- Dr. Gurbax singh. (2005). *Environment & Pollution Laws*. Dominion Law Depot, Jaipur.
- Patrica Birhic & Alan Boyle. (2004). *International Law & the Environment*. Oxford university press, New Delhi.

