

Fake news and Crime

Credit :04

60 hours

Module:1 News media

- Introduction to News media
- Meaning, Definition, scope
- Types of media
- New media
- Electronic and print media
- Social medias

Module:2 Fake news

- Meaning and definition of fake news
- Types of Fake news
- Source of fake news
- Motivation for fake news
- Verification of fake news

Module:3 Digital media

- Electronic media
- Types of Digital media
- Characteristics of Digital media
- Importance of digital news for the current scenario
- Social media

Module: 4 Media and society

- Interdependency of the society
- News and its impact on the society
- Social media and attitude of society
- Various problems caused by fake news

Module 5: control

- Laws in India related to fake news
- Techniques to detect fake news
- Necessity of awareness about disinformation
- Role of Educational institute and other organisation to prevent the problem
- International guidelines related to fake news

PH.D. COURSEWORK

PAPER III – AREA OF SPECIALIZATION

QUESTIONED DOCUMENTS

Unit I: Introduction to Questioned Documents

- Definition, Types, Principles and Preliminary examination of documents
- Reproduction of documents through photographic and mechanical means and their examination
- Scope and application in Investigation of crime
- Evidentiary value of questioned documents
- Case studies involving documents in investigation
- Linguistics, stylistics, forensic stylistics- Definition, Methodology, Use in personal identification, Application in different Indian vernacular languages, Limitations, Case studies

Unit II: Questioned Document Analysis

- Hand writing analysis
- Examination of Alterations such as Erasures, Obliterations & Additions
- Indentations, Secret writings and Charred documents
- Age of documents
- Examination of Typescripts, printed matter, (types of printers) including currency notes and lottery tickets. Mechanical impressions
- Examination of Credit Cards and Similar materials

Unit III: Evidentiary value of Inks

- Inks – Historical development
- Types and composition of inks
- Inks, Papers and their scientific examinations with modern methods
- Influencing factors on ink analysis

Unit IV: Ink analysis with advanced technology

- Ink technology

- Physical and non-destructive techniques: ESDA, Projectina, Video Spectral Comparator, UV-IR Illuminating chamber, Transmitted light source, Oblique light source, digital camera, optical instruments, Compound and Stereo Microscope.
- Chemical and destructive techniques – TLC, HPLC, HPTLC, capillary electrophoresis

Unit V: Statistical applications in ink analysis

- Understanding how statistics can address forensic science (chemometric methods)
- Application of multivariate statistics (PCA and HCA)
- Pearson correlation, cluster dendogram, PLS-DA (PLS Discriminant analysis), etc

Suggested readings

1. Sharma, B. R. (1990), Forensic Science in Criminal Investigation and Trials, Central Law Agency, New Delhi
2. Osborn, A. S. (1998) Questioned Documents, Universal Law Pu
3. Levinson, L. (2001) Questioned Document: A Lawyer's Handbook, Academic Press, Great Britain
4. Hilton, O. (1982) Scientific Examination of Questioned Documents, Elsevier, New York
5. Brunelle, R. L., & Crawford, K. R. (2003) Advances in the Forensic Analysis and Dating of Writing Ink, Charles C Thomas Publication Limited
6. Miranda, M. D. (2016). Forensic Analysis of Tattoos and Tattoo Inks, CRC Press
7. Vastrick, T. W. (2004) Forensic Document Examination Techniques, Inst of Internal Auditors
8. Koppenhaver, K. M. (2007) Forensic Document Examination: Principles and Practice, Humana, Germany

PhD COURSE WORK SYALLBUS

PAPER-III Area of research

FORENSIC PSYCHOLOGY

UNIT-I: Psychology and legal system

1. Introduction to Psychology and forensic Psychology.
2. Psychology and legal process interaction.
3. Relationship between criminology, psychology and forensic science.
4. Fundamental distinction between psychology and law.

UNIT-II: Forensic Risk Assessment

1. Introduction to risk assessment.
2. Definition, types of risk assessment.
3. Risk assessment in various cases. (Disaster, suicides, violence, domestic violence, accidents).

UNIT-III: Industrial Psychology

1. Definitions of Organizational Behaviour, History, Hawthorne studies, fundamentals of organizational behavior.
2. Dynamics of people and organization, Theoretical frameworks. Models and Approaches of organizational behavior.
3. Foundations of Individual Behaviour.
4. Leadership, Power and Meaning and Importance.
5. Coping with Organizational Life.

UNIT-IV: Disaster Management.

1. Introduction on Disaster
2. Risk and Vulnerability Analysis.
3. Disaster Preparedness and Response.

UNIT-V: Application of psychology in personnel health

1. Introduction to Counseling: Definition; Concept; Scope; Characteristics of a Good Counselor; Ethics in Counseling
2. Approaches to Counseling: Psychoanalysis; Behaviouristic; Humanistic; Cognitive
3. Application of Counseling: Family set up; Educational set up; Organizational set up; Clinical set up
4. Types of Counseling: Individual Counseling; Group Counseling; Family Counseling; Premarital and Marital Counseling; Career Counseling

Suggested readings:

1. Bruce A. Arrigo and Stacey L. Shipley (2005), Introduction to Forensic Psychology, Elsevier Academic Press publications.
2. Professor David Canter (2012), Forensic Psychology for Dummies, John Wiley & Sons, Ltd, Chichester, West Sussex, England.
3. David Canter (2010), Forensic Psychology: A Very Short Introduction, The moral rights of the author have been asserted Database right Oxford University Press
4. Marc J. Ackerman (2010), Essentials of Psychological Assessment Series, John Wiley & Sons, Inc., Hoboken, New Jersey.
5. W. Nick Carter (2008), Disaster Management A Disaster Manager's Handbook, Asian Development Bank.
6. Dr. A.K. Singh, Handbook on Disaster Management, Regional Centre for Urban and Environmental Studies Lucknow University Campus, Lucknow