

MAHARSHI DAYANAND UNIVERSITY, ROHTAK
DEPARTMENT OF LAW

DIPLOMA
IN
CRIMINOLOGY AND FORENSIC LAW

Session 2020-21

Programme Outcomes

1. Diploma in Criminology and Forensic Law is quite useful for the practising Lawyers and fresh Law Graduates or students of Law to acquaint themselves with the nuances of law and its enforcement.
2. It also gives an overview of sociological, psychological aspects of human behaviour and the methods used by enforcement agencies towards ensuring public safety, internal security, criminal investigation, police administration, prosecution procedure, Justice delivery system as well as correctional services.
3. The Program focuses on various forms of evidences especially scientific evidence being the medium, essence and foundation proof and provides a comprehensive overview of current advances and emerging trends in handling scientific evidence encountered in various types of crimes such as rape, murder, theft, forgery, cheating, misappropriation, cyber and encounter etc.
4. The Program further helps in interpreting application of latest forensic analytical techniques involving examination of Documents, Finger prints, Ballistics, Drugs and Narcotics, DNA, E-mail frauds and Cyber Forensic related matters etc.
5. The Program includes the new study of emerging forms of crime and the criminal indulging in White Collar crimes, Economic crimes, Narco-Terrorism, Drug trafficking, Human trafficking and other unlawful acts.

The course comprises of Two Semesters:

Programme Structure for the Diploma in Criminology and Forensic Law

Diploma Program (Both Semester 1 and Semester 2)					
Semester 1			Semester 2		
Course	Credit	Hours/Week	Course	Credit	Hours/Week
Criminology and Restorative Justice	4	4	Crime and Society	4	4
Criminal Law and Legislation	4	4	Basics and Development of Finger Printing	4	4
Constitutional provision and other legislation related to Forensic Law	4	4	Technological Method in Forensic Law	4	4
Internship	8	16	Project Report	8	16

Programme Code: DPC1**Semester-I:**

Sr. No.	Name of Paper	Code	Written	Internal	Total marks	Time
1.	Crime and Society	20CPC11C1	80	20	100	3 Hrs.
2.	Criminology and Restorative Justice	20CPC11C2	80	20	100	3 Hrs
3	Criminal Law and Legislation	20CPC11C3	80	20	100	3 Hrs.
4	*Internship	20CPC11C4	200 Marks (100 marks of File, 50 Marks of Internship certificate and 50 marks for presentation before committee)			

*** Students can take the Internship in any approved Forensic Labs such as SFL Madhuban, SFL Lab Sunariya Kalan (Rohtak), PGIMS, Rohtak, Karnal, Nuh and Khanpur Kalan etc. and any Criminal Lawyer with the permission of the Head, Department of Law, MDU Rohtak. The Viva-Voce Examination/Presentation of the Internship shall be conducted a committee of three members in which one should be External Examiner constituted by Dean, Faculty of Law, MDU Rohtak.**

Further, it was resolved that the due to pandemic situation, students are exempted from the internship in all Diploma courses only for this session i.e. 2020-21. In place of internship, students are directed to submit the latest case review report in concerned subject.

Semester-II:

Sr. No.	Name of Paper	Code	Written	Internal	Total marks	Time
1.	Constitutional provision and other legislation related to Forensic Law	20DPC12C1	80	20	100	3 Hrs.
2.	Basics and Development of Finger Printing	20DPC12C2	80	20	100	3 Hrs.
3	Technological Method in Forensic Law	20DPC12C3	80	20	100	3 Hrs.
4	**Project Report	20DPC12C4	200 Marks (100 marks for File and 50 marks for presentation before Department Committee and 50 Marks for presentation before external examiner)			

****The Project report submitted by the candidates shall be sent to the external examiner for evaluation. The Viva-Voce Examination/Presentation of the report shall be conducted by committee of three members in which one should be External Examiner appointed by Dean, Faculty of Law, MDU Rohtak.**

Syllabus

Program Name	Diploma in Criminology and Forensic Law	Program Code	DPC1
Course Name	Crime & Society	Course Code	20CPC11C1
Credits	4	No. of hours/Week	4
Duration of End term examination	3 hours	Max. marks	100 Theory - 80 Marks (External) and 20 Marks (Internal)].

Note:The examiner has to set a total of nine questions (two from each unit and one compulsory question consisting of short answer from all units. The candidate has to attempt one question each from each unit along the compulsory question (5 x 16 = 80 marks)

Course Objectives:

1. The importance of criminology in forensic law.
2. The causes of criminal behaviour.
3. The significance of criminal profiling to mitigate crime.
4. The effect of crime in society.
5. The basic elements of criminal justice system.

Course Outcomes:

1. The student knows the importance of criminology in forensic Law.
2. The student knows the causes of criminal behavior
3. The students understand the significance of criminal profiling to mitigate crime.
4. The students knows the effect of crime in society.
5. The student acquires the knowledge of basic elements of criminal justice system.

Unit 1

1. Crime : Its Elements,
2. Causes and Consequences of Crime,
3. Lombroso theory in Criminal behavior.

. Unit 2

1. Mob lynching
2. Deviant behaviour, Hate Crime,
3. Organized Crime

Unit 3

1. Functioning of Criminal court in India
2. International Criminal courts.

Unit 4

1. Blood Analysis.
2. Significance of Forensic Law
3. Psychology and Criminal Behaviour

REFERENCE READINGS:

1. Saferstein, R. (2004)., Criminalistics, 8th Edition, Prentice Hall, New Jersey.
2. Elaad , E. (2000) in Encyclopedia of Forensic Science, Volume 2, J.A. Siegel, P.J. Saukko and G.C. Knupfer (Eds.), Academic Press, London.
3. Niehaus, J. (1999)., Investigative Forensic Hypnosis, CRC Press, Boca Raton.
4. Moenssens , A.A. (1995)., J. Starrs, C.E. Henderson and F.E. Inbau, Scientific Evidence in Civil and Criminal Cases, 4th Edition, The Foundation Press, Inc., New York .
5. DeLadurantey, J.C. (1980). and D.R. Sullivan, Criminal Investigation Standards, Harper & Row, New York.

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Program Name	Diploma in Criminology and Forensic Law	Program Code	DPC1
Course Name	Criminology and Restorative Justice	Course Code	20CPC11C2
Credits	4	No. of hours/Week	4
Duration of End term examination	3 hours	Max. marks	100 Theory - 80 Marks (External) and 20 Marks (Internal)].
<p>Note:The examiner has to set a total of nine questions (two from each unit and one compulsory question consisting of short answer from all units. The candidate has to attempt one question each from each unit along the compulsory question (5 x 16 = 80 marks)</p>			
<p>Course Objectives:</p> <ol style="list-style-type: none"> 1. The significance of forensic science and criminology in relation to society. 2. The fundamental principles and functions of forensic science and criminal behavior 3. The study of different types of the Forensic Science Laboratory. 4. The working of the forensic establishments in India. 5. The role of Information Technology in detecting the crime. 			
<p>Course Outcomes:</p> <ol style="list-style-type: none"> 1. The student understands the significance of forensic science and criminology in relation to society. 2. The knowledge of fundamental principles and functions of forensic science and criminal behavior. 3. The students know the different types of the Forensic Science Laboratory. 4. The students know the working of the forensic establishments in India. 5. The knowledge of role of Information Technology in detecting the crime. 			
<p>Unit 1</p> <ol style="list-style-type: none"> 1. Definition, Nature, Scope of crime and Criminology, 2. Types of Crime Scene, 3. Indoor & Outdoor and System Software 			
<p>Unit 2</p> <ol style="list-style-type: none"> 1. Crime Scene, Search Method, 2. Crime Scene logo, The Evaluation 5 W (Who, What, Where, Why, How), 3. Networks and internet, Types of Network 			
<p>Unit 3</p> <ol style="list-style-type: none"> 1. Scientific Evidence 2. Psychological Disorder and Criminality. 3. Situational Crime Prevention. 			
<p>Unit 4</p> <ol style="list-style-type: none"> 1. Definition and Fundamental concepts of Forensic Psychology and Forensic Psychiatry 2. Psychology and Provisions of Criminal Law. 3. Ethical Issues in Forensic Psychology. 			
<p>REFERENCE READINGS:</p> <ol style="list-style-type: none"> 1. Tilstone, W.J.(2013), Fisher's Techniques of Crime Scene Investigation (M.L. Hastrup & C. hold Eds), CRC Press, Boca Raton (2013). 2. Saferstein, R. (2004), Criminalistics, 8th Edition, Prentice Hall, New Jersey 3. Bhasin , M.K.(2002), Role of Forensic Science in the New Millennium, University of Delhi, Delhi. 4. Nanda , B.B.(2001), Forensic Science in India: A Vision for the Twenty First Century, Select Publishers, New Delhi . 5. Eckert, W.G. (1997), Introduction to Forensic Sciences, 2nd Edition, W.G. Eckert (ED.), CRC Press, Boca Raton. 			

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Program Name	Diploma in Criminology and Forensic Law	Program Code	DPC1
Course Name	Criminal Law and Legislation	Course Code	20CPC11C3
Credits	4	No. of hours/Week	4
Duration of End term examination	3 hours	Max. marks	100 Theory - 80 Marks (External) and 20 Marks (Internal)].
<p>Note:The examiner has to set a total of nine questions (two from each unit and one compulsory question consisting of short answer from all units. The candidate has to attempt one question each from each unit along the compulsory question (5 x 16 = 80 marks)</p>			
<p>Course Objectives:</p> <ol style="list-style-type: none"> 1. Provisions of Criminal Procedure Code related to Forensic Science. 2. Significance of analysis of crime scene. 3. The study of the challenges of forensic science. 4. Techniques of the examinations of witness. 5. Study of scientific examination. 			
<p>Course Outcomes:</p> <ol style="list-style-type: none"> 1. To learn the provisions of Criminal Procedure Code related to Forensic Science. 2. The student get the chance to understand the Significance of analysis of crime scene. 3. After going through the course, the students will be able to find out the challenges of forensic science. 4. To know the various techniques of the examinations of witness. 5. The student understands the procedure of scientific examination. 			
<p>Unit 1</p> <ol style="list-style-type: none"> 1. Cr. P.C.: Cognizable and non-cognizable offences, 2. Bailable and non-bailable offences 3. Summary trial. 			
<p>Unit 2</p> <p>Indian Penal Code Sections 307, 309, 319, 320, 324, 326, 351, 354, 359, 362, 375, 378, 383, 390, 391, 405, 415, 420 and their amendments.</p>			
<p>Unit 3</p> <ol style="list-style-type: none"> 1. Section 293 in the code of Criminal procedure, 2. Scientific Examination and Law, 3. Law related to Examination of Witness. 			
<p>Unit 4</p> <ol style="list-style-type: none"> 1. Legal consideration of crime Scene, 2. Law to combat the forensic crime, 3. IPC sections 121A, 299, 300, 302, 304A, 304B 			
<p>REFERENCE READINGS:</p> <ol style="list-style-type: none"> 1. Sarthi , Vipa P(2006)., Law of Evidence, 6th Edition, Eastern Book Co., Lucknow. 2. Monir, M. (2002), Law of Evidence, 6th Edition, Universal Law Publishing Co. Pvt. Ltd., New Delhi 3. Bronstein, D.A. (1999)., Law for the Expert Witness, CRC Press, Boca Raton.. 4. Pillia, A.S. (1983), Criminal Law, 6th Edition, N.M. Tripathi Pvt Ltd., Mumbai. 5. Nigam, R.C. (1965), Law of Crimes in India, Volume I, Asia Publishing House, New Delhi. 			

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Program Name	Diploma in Criminology and Forensic Law	Program Code	DPC1
Course Name	Internship	Course Code	20CPC11C4
Credits	8	No. of hours/Week	16
Duration of End term examination		Max. marks	200 Marks (100 marks of File, 50 Marks of Internship certificate and 50 marks for presentation before committee)
Course Objectives: <ol style="list-style-type: none"> 1. Providing the exposure to the student to procedure & Practical aspects in the concerned field. 2. Providing student an opportunity to work with expert people in the concerned field. 3. Providing the student a chance to apply the theoretical knowledge in a given situation. 4. Providing the student a chance to work with expert in the field. 5. Providing the practical experience to the students to work in forensic lab with a forensic professional. 			
Course Outcomes: <ol style="list-style-type: none"> 1. The student has a practical experience in the concerned field. 2. The student works with expert in the concerned field. 3. The student has a first hand knowledge of how to apply the theory in practice. 4. The student has knowhow of working in the forensic laboratory/professional. 5. The student understands the significance of the study of Law and forensic science. 			
<p>The candidate has to do the Internship of 15 days with any Criminal Lawyer, in SFL Madhuban, SFL Sunariyan Kalan, PGIMS, Rohtak, Karnal, Nuh and Khanpur Kalan etc. with the permission of the Head, Department of Law, MDU Rohtak. The students also submit the Internship File in the Department of Law, MDU Rohtak and the same will be evaluated by the External Examiner. The Viva-Voce Examination/Presentation of the Internship shall be conducted a committee of three members in which one should be External Examiner appointed by Dean, Faculty of Law, MDU Rohtak.</p>			

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Program Name	Diploma in Criminology and Forensic Law	Program Code	DPC1
Course Name	Constitutional Provisions and other Legislation related to Forensic Law	Course Code	20DPC12C1
Credits	4	No. of hours/Week	4
Duration of End term examination	3 hours	Max. marks	100 Theory - 80 Marks (External) and 20 Marks (Internal)].
<p>Note:The examiner has to set a total of nine questions (two from each unit and one compulsory question consisting of short answer from all units. The candidate has to attempt one question each from each unit along the compulsory question (5 x 16 = 80 marks)</p>			
<p>Course Objectives:</p> <ol style="list-style-type: none"> 1. Provisions of Constitution of India related to forensic science. 2. Provisions of the Constitution of India related to Criminology 3. The Study of socio-Psycho crimes in relation to Forensic Law. 4. Provisions related to Food adulteration protection. 5. Importance of Scientific development for forensic law. 			
<p>Course Outcomes:</p> <ol style="list-style-type: none"> 1. The student knows about Provisions of Constitution of India related to forensic science. 2. The student understands about Provisions of the Constitution of India related to Criminology 3. The student knows about socio-Psycho crimes in relation to Forensic Law. 4. The knowledge of provisions related to Food adulteration protection. 5. The knowledge of Importance of Scientific development for forensic law. 			
<p>Unit 1</p> <ol style="list-style-type: none"> 1. Study of specific provisions of Constitution Law, Article 14 2. Fundamental Rights, Article 20, 21, 3. Fundamentals Duties. 			
<p>Unit 2</p> <p>Nature, Scope and Importance of prevention of corruption Act 1988.</p>			
<p>Unit 3</p> <p>Nature, Scope and Importance of Explosive Substances Act, 1908</p>			
<p>Unit 4</p> <p>Nature Scope and Importance of prevention of food adulteration act 1954</p>			
<p>REFERENCE READINGS:</p> <ol style="list-style-type: none"> 1. Bakshi, P.M. (2016), The Constitution of India, 14th edition, Universal Law Publications. 2. Sarthi, Vipa P. (2006), Law of Evidence, 6th Edition, Eastern Book Co., Lucknow. 3. Monir, M. (2002), Law of Evidence, 6th Edition, Universal Law Publishing Co. Pvt. Ltd., New Delhi. 4. Bronstein, D.A. (1999)., Law for the Expert Witness, CRC Press, Boca Raton. 5. Pillia, A.S. (1983), Criminal Law, 6th Edition, N.M. Tripathi Pvt Ltd., Mumbai. 6. Nigam, R.C. (1965), Law of Crimes in India, Volume I, Asia Publishing House, New Delhi. 			

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Program Name	Diploma in Criminology and Forensic Law	Program Code	DPC1
Course Name	Basics and Development of Finger Printing	Course Code	20DPC12C2
Credits	4	No. of hours/Week	4
Duration of End term examination	3 hours	Max. marks	100 Theory - 80 Marks (External) and 20 Marks (Internal)].
<p>Note:The examiner has to set a total of nine questions (two from each unit and one compulsory question consisting of short answer from all units. The candidate has to attempt one question each from each unit along the compulsory question (5 x 16 = 80 marks)</p>			
<p>Course Objectives:</p> <ol style="list-style-type: none"> 1. History of process occurring in finger printing. 2. The fundamental principles applied in fingerprinting. 3. Techniques used in finger prints. 4. The significance of foot, palm, ear and lip prints. 5. Contribution of India in finger print technique. 			
<p>Course Outcomes:</p> <ol style="list-style-type: none"> 1. The student knows the History of process occurring in finger printing. 2. The student knows the fundamental principles applied in fingerprinting 3. The student acquires the knowledge about the techniques used in finger prints. 4. The student knows about the significance of foot, palm, ear and lip prints. 5. The student knows about the contribution of India in finger print technique. 			
<p>Unit 1</p> <ol style="list-style-type: none"> 1. Biological basis of finger prints. 2. Type of finger prints. 3. Finger print character 			
<p>Unit 2</p> <ol style="list-style-type: none"> 1. Classification of finger prints. 2. Cataloguing of finger prints record. 3. Automatic finger prints, Recognition system 			
<p>Unit 3</p> <ol style="list-style-type: none"> 1. Identification system of Digital image of finger prints and other impression. 2. Preservation of developed finger prints. 			
<p>Unit 4</p> <ol style="list-style-type: none"> 1. Mechanism of detection of Finger Prints, 2. Developing Finger Prints on gloves. 3. Importance of other impression (Foot Prints, Lip Prints, Palm Prints, Ear Prints). 			
<p>REFERENCE READINGS:</p> <ol style="list-style-type: none"> 1. Gaensleen's, Lee (2013)., Advances in Fingerprint Technology, 3rd Edition, R.S. Ramotowski (Ed.), CRC Press, Boca Raton. 2. Champod, C., Lennard C., Margot P. and Stoilovic M.(2004), Fingerprints and other Ridge Skin Impressions, CRC Press, Boca Raton 3. Ashbaugh, D.A. (2000), Quantitative-Qualitative Friction Ridge Analysis, CRC Press, Boca Raton. 4. Bronstein, D.A. (1999)., Law for the Expert Witness, CRC Press, Boca Raton. 5. Cowger, J.E. (1983), Friction Ridge Skin, CRC Press, Boca Raton. 			

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Program Name	Diploma in Criminology and Forensic Law	Program Code	DPC1
Course Name	Technological Development in Forensic Law	Course Code	20DPC12C3
Credits	4	No. of hours/Week	4
Duration of End term examination	3 hours	Max. marks	100 Theory - 80 Marks (External) and 20 Marks (Internal)].

Note:The examiner has to set a total of nine questions (two from each unit and one compulsory question consisting of short answer from all units. The candidate has to attempt one question each from each unit along the compulsory question (5 x 16 = 80 marks)

Course Objectives:

1. The importance of forensic law in processing evidence at crime scene.
2. Significance of technological methods in identifying chemical & bio-logical materials.
3. The significance of microscopy in visualizing trace evidence.
4. The importance of photography for recording the crime scenes.
5. The importance of videography in crime scenes.

Course Outcomes:

1. The student knows about the importance of forensic law in processing evidence at crime scene
2. The student knows about the significance of technological methods in identifying chemical & bio-logical materials.
3. The student understands the significance of microscopy in visualizing trace evidence.
4. The knowledge of importance of photography for recording the crime scenes.
5. The knowledge of importance of videography in crime scenes.

Unit 1

1. Microscopic findings in forensic law.
2. Basic Principles and application of Photography in Forensic Law.
3. 3D Photography, Photographic Evidence

Unit 2

1. Digital Photography,
2. Videography.
3. Crime scene and Laboratory Photography.

Unit 3

1. Evidence related to Hazardous substance.
2. Preservation of evidence,
3. Relevancy of Evidence in Forensic Law.

Unit 4

1. Expert witness,
2. Examination of witnesses.

REFERENCE READINGS:

1. Redsicker D.R. (2000), The Practical Methodology of Forensic Photography, 2nd Edition, CRC Press, Boca Raton.
2. Bronstein, D.A. (1999)., Law for the Expert Witness, CRC Press, Boca Raton.
3. Robinson, J.W. (1995), Undergraduate Instrumental Analysis, 5th Edition, Marcel Dekker, Inc., New York
4. Skoog, D.A, D.M. West and F.J. Holler (1992), Fundamentals of Analytical Chemistry, 6th Edition, Saunders College Publishing, Fort Worth
5. Kemp, W. (1991), Organic Spectroscopy, 3rd Edition, Macmillan, Hampshire.

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Program Name	Diploma in Criminology and Forensic Law	Program Code	DPC1
Course Name	Project Report	Course Code	20DPC12C4
Credits	8	No. of hours/Week	16
Duration of End term examination		Max. marks	200 marks (100 marks for File and 50 marks for presentation before Department Committee and 50 Marks for presentation before external examiner)

Course Objectives:

1. Familiarizing the student with research skills in the concerned field.
2. Furnish the student an opportunity to learn the writing skill in the concerned field.
3. Providing student a chance to apply the law in theory as well as in practice.
4. To make the student understand the major development in the chosen area.
5. To make the student competent to document his findings and suggestions in a research project and present the same with efficiency.

Course Outcomes:

1. The student knows about the research skill in the field.
2. The student acquire the writing skill.
3. The student learns to apply the law in practical.
4. The student learns the knowledge of the field about his project.
5. The student acquire the skill of documenting his finding and providing the useful suggestions.

The Project report submitted by the candidates shall be sent to the external examiner for evaluation. The Viva-Voce Examination/Presentation of the report shall be conducted by a committee of three examiners in which one should be external examiner constituted by Dean, Faculty of Law, MDU Rohtak.