



MAHARASHTRA NATIONAL LAW UNIVERSITY MUMBAI

ONE YEAR POSTGRADUATE DIPLOMA IN CRIME INVESTIGATION, MEDICAL JURISPRUDENCE AND FORENSIC SCIENCE

The Post Graduate Diploma in Crime Investigation, Medical Jurisprudence and Forensic Science is a 20 credits programme consisting of 6 courses of 3 credits each and a project work of 2 credits

SEMESTER – I			
Subject Code	Subject	Marks	Credits
1.1.1	Crime and Criminal Justice Administration Nature and definition of crime, elements of crime, Stages of Crime, Types of Crime, Sociological & Psychological aspects of Crime, Crime, Criminal & Criminal Justice- Expectations & Reality- The theoretical & practical dichotomy. Investigation, Inquiry and trial. Arrest, Rights of accused (Statutory and Constitutional perspective), General and Specific Defences in Criminal Case	100	3

1.1.2	<p>Investigation agencies, Processes and techniques:</p> <p>A practical study of Police System, Prosecution Management, Judicial Administration, Expert Witnesses and Non-Expert Witnesses, Medico-legal doctors, Forensic Scientists.</p> <p>Legal procedure in Criminal Trial- (1) Inquest, (2) Summons Case, Warrant Case, Summary Trial and Private Complaint, (3) Dying Declaration.</p> <p>Crime Detection Devices (Microscopy Process, Chromatography, Narco-Analysis, Polygraph, Ballistics, Fingerprints, DNA Fingerprinting, Examination of documents)</p>	100	3
1.1.3	<p>Role of Forensic Science Laboratory</p> <p>1. Biological Evidence Examination Blood Examination, Saliva Examination, Semen Examination, Penile Swabbing, DNA Examinations, Hair Examinations</p> <p>2. Non-Biological Evidence Examinations Ballistic Examination, Bullet Examination, Bullet Jacket Examinations, Cartridge Examinations, Firearms Examination, Firing Pin Comparison, Gunshot residue pattern examination, Explosives Examination,</p>	100	3

	<p>Lubricant, metal, Paint, Photocopy examination etc.</p> <p>3. Functions of Forensic Labs</p> <p>4. Units of Forensic Laboratory</p> <p>Forensic Biology, Forensic Serology, Ballistics Unit, Tool Marks Unit, Anthropological Examination, Forensic Entomology, Forensic Geology, Forensic Odontology, Toxicology Unit, Fingerprint Unit, Arson Unit</p> <p>Toxicology-</p> <p>1. Toxicological analysis of blood, Semen and other biological fluids for evidence</p> <p>2. Examination of Poison, Alcohol & Viscera</p>		
SEMESTER – II			
1.2.4	<p>New Generation Crimes- Challenges to Investigation and Prosecution</p> <p>White Collar crimes, Economic crimes, Organised Crimes, Narco-Terrorism, Drug trafficking, Cyber Crimes</p>	100	3
1.2.5	<p>Medical Jurisprudence</p> <p>1. Medical Evidence and Medical Witness,</p> <p>2. Legal and Ethical Aspects of Medical Practice, Medical Negligence,</p> <p>3. Medico- Legal Aspects of Death, Brain-stem Death and Transplantation of Human Organs Act, Examination of a</p>	100	3

	<p>living person for Medico-Legal Purposes,</p> <p>4. Human anatomy and Physiology</p> <p>5. Medico Legal aspects of Post-Mortem Report,</p> <p>6. Medico-Legal Aspects of Wounds, Sexual Offences, Infanticide, Abortion, Medical Termination of Pregnancy.</p> <p>7. Death from Asphyxia</p> <p>8. Identity as to age, race, religion, sex, fingerprints etc.</p> <p>9. Injuries, Classification, forms and medico legal aspects.</p>		
1.2.6	Case Studies of Important Indian and Foreign Cases in Medico-legal cases, Criminal law, Medical Negligence and Consumer Protection	100	3
1.2.7	Practical Activity based project	100	2