

Department of Agadtantra Evum Vidhivaidyaka
Syllabus for PhD
SECTION -A

1.	<ul style="list-style-type: none"> • Definition & properties of Visha and its comparison with Madya and Oja, Visha samprapti, Vishaprabhava, Vishavega, vegantara and Vishakarmukata (toxicodynamic and toxicokinetic study).
2.	<ul style="list-style-type: none"> • Fundamental Principles for treatment of poisoning • Chaturvimsati Upakrama (24 management procedures). • Extra -corporeal techniques (dialysis etc) for removal of poisons. • Emergency medical management of poisoning including preparation, administration and complications of antivenoms /antisera
3.	<ul style="list-style-type: none"> • Descriptive study of Sthavara visha, definition, classifications, classical signs and symptoms of poisoning of Sthavara visha including Vanaspatik (phyto poison), Khanija (mineral) • General and specific treatment of different types of Sthavara visha.
4.	<ul style="list-style-type: none"> • Study of Jangama visha and their sources, descriptive study of ancient and contemporary knowledge of Sarpavisha, Vrischika, Alarka etc.their pathologic manifestations including their role as a causative factor in communicable diseases eg. vector borne diseases • General and specific treatment of different types of Jangam visha. • Shankavisha & Vishasankat and its management.
5.	<ul style="list-style-type: none"> • Garavisha and Dushi visha, their varieties, signs, symptoms and management with contemporary relevance. • Detailed study of Allergies including allergic manifestations in the eyes, nose, lungs and skin
6.	<ul style="list-style-type: none"> • Detailed study of Madya visha and substances acting on the nervous system; substance abuse. • Their diagnosis, management and De-addiction
7.	<ul style="list-style-type: none"> • Detailed study of the contemporary knowledge about Vishajanya Janpadodhvansaniya roga (community health problems due to poisons - Environmental pollution, Water pollution, Soil pollution, Air pollution, Industrial pollutions, Agrochemicals toxicity etc. their features and management according to ancient and recent concepts.
8.	<ul style="list-style-type: none"> • Concept of Virudhaahar, Aahara visha and Satmy-Asatmyata in contemporary and Ayurvedic views. • Management of food poisoning.
9.	<ul style="list-style-type: none"> • Study of process for Sodhana, Marana and Samskarana of poisonous drugs.
10.	<ul style="list-style-type: none"> • Role of for Forensic Science Laboratory in suspected poisoning and medico-legal cases. • Duty of physician in cases of poisoning, suspected poisoning and their Post mortem findings

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SECTION B

1.	<ul style="list-style-type: none"> • Personal identity and its medico-legal aspects
2.	<ul style="list-style-type: none"> • Death and its medico-legal aspects (Medical Thanatology)
3.	<ul style="list-style-type: none"> • Asphyxial deaths and its medico-legal importance.
4.	<ul style="list-style-type: none"> • Injuries due to various weapons, firearm, explosions, chemical and nuclear warfare, heat and cold, lightning and electricity. • Medico-legal aspects of injuries and wounds.
5.	<ul style="list-style-type: none"> • Impotence, Sterility and their medico-legal aspects. • Regulations of Artificial Insemination. • Medico-legal aspects of surrogate motherhood.
6.	<ul style="list-style-type: none"> • Sexual offences and perversions.
7.	<ul style="list-style-type: none"> • Medico-legal aspects of Virginity, Pregnancy, Delivery, Abortion, Infanticide and Legitimacy with related acts.
8.	<ul style="list-style-type: none"> • Medico legal aspects of mental illness
9.	<ul style="list-style-type: none"> • Courts and Legal procedures • Study of medico-legal acts like Indian Evidence Act, Pre Natal Diagnostic Test Act, Nursing Home Act, Human Organ Transplantation Act, Drugs and Cosmetic Act 1940, Narcotic drugs and Psychotropic substances Act 1985, Pharmacy Act 1948, Drugs and Magical Remedies (Objectionable Advertisements) Act 1954, Medicinal and Toilet Preparations Act 1955 and Anatomy Act etc. • Any related act enacted by the government from time to time.
10.	<ul style="list-style-type: none"> • Duties and privileges of physician as per ancient and contemporary science. • Professional secrecy and privileged communication. Professional negligence and malpractice. • Doctor - patient relationship. Rights and privileges of patients, Euthanasia. • Indemnity Insurance scheme. • Consumer Protection Act related to medical practice.
11.	<ul style="list-style-type: none"> • Structure of Central Council of Indian Medicine, its jurisdiction and functions. Code and Conducts as per the CCIM, Rules and Regulations there under. • Respective State Council of Indian Medicine, its structure, power, voluntary duties