

**Mahatma Gandhi Ayurved Medical College, Hospital & Research
Centre, Salod (H), Wardha**

Department of Agadtantra- Vyavahar Ayurved

Course outcome and programme outcome for course

Agadtantra- Vyavhar Ayurved

Course outcome	Programme outcome						
	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7
Etymology of Agadtantra							
CO-1: Define Agadtantra and describe evaluation of Agadtantra	1	0	1	3	3	2	1
CO-2: Define Visha and describe mythological origin of poison	0	0	0	3	0	2	0
CO-3: Explain Vishyoni and describe site of poison	0	0	0	2	3	0	1
CO-4: Describe classification of poison as per Ayurveda and modern	3	2	1	2	3	0	0
CO-5: Define Vishankat and describe the factors	1	0	0	2	0	2	1
CO-6: Define Vegantar and describe different types of vegas	3	0	0	2	1	0	0
CO-7: Identify Vishpit lakshana and Vishmukta Lakashana	3	0	0	1	2	0	0
Examination of Visha	1	2	3	4	5	6	7
CO-1: Describe vishguna according to charak, sushrut & sharangdhar	0	0	0	3	2	0	0
CO-2: Describe oaj guna	1	0	0	2	1	0	0
CO-3: Describe pharmacological action of guna	2	0	0	2	1	0	0
CO-4: Explain vishakriya	2	0	0	1	1	0	0

CO-5: Describe action of poison with an example	2	0	0	3	3	2	1
CO-6: Describe Panchbhautic pariksha of visha	0	0	0	2	1	2	2
CO-7: Describe factors affecting action of poison	3	0	0	2	2	2	2
CO-8: Define Vishdata and describe symptoms of Vishdata and Vishkanya	0	0	0	1	0	1	0
CO-9: Describe Diagnosis of poisoning as per Ayurveda and Modern	2	1	0	2	3	1	1
Environmental toxicology	1	2	3	4	5	6	7
CO-1: Define samuhik and Samarik Vishprayog	0	0	1	1	0	0	1
CO-2 Describe Features of Vishdooshit Bhoomi and its management	0	0	1	1	0	0	1
CO-3 Describe Vishdooshit Vayu and its management	0	0	1	1	0	0	1
CO-4: Describe Vishdooshit jal and its management	0	0	1	1	0	0	1
Dushivisha & Garavisha	1	2	3	4	5	6	7
CO-1: Define Dooshivisha and Describe its symptoms and treatment	1	0	0	2	2	3	3
CO-2: Define Garvisha and describe its symptoms and treatment	2	0	0	2	2	3	3
CO-3: Co-relates the concept of Dooshivisha in modern era	2	0	0	2	2	3	3
CO-4: Co-relates the concept of garvisha in modern era	2	0	0	2	2	3	3
Vishchikitsa.	1	2	3	4	5	6	7
CO-1: Describe the Charkokta 24 Vishchikitsaupkrama	2	0	0	2	2	2	2

CO-2: Describe principal of modern treatment of poisoning	3	2	1	2	2	2	3
CO-3: Explain gastric lavage	3	0	0	0	3	0	0
CO- 4 : Describe removal of absorbed poison	1	0	0	0	3	0	0
CO-5: Identify and describe types of antidote	3	1	1	3	3	2	2
CO-6 Describe chelating agent	3	0	0	1	3	0	0
CO-7: Identify the life saving emergency procedure.	3	0	0	3	3	0	0
Kritrim vish.(Gandhakamladi)	1	2	3	4	5	6	7
CO-1: Define vitriolage and Describe sulphuric Acid poisoning	3	0	0	2	3	0	0
CO-2: Identify the symptoms of acid poisoning and Describe its management	3	0	0	1	3	0	0
CO-3: Describe the Alkali poisoning	3	0	0	1	3	0	0
CO-4: Identify the symptoms of OP compound poisoning and Describe its management	3	1	2	2	3	2	0
Madya visha.	1	2	3	4	5	6	7
CO-1: Define Mada and explain the Madyaguna	0	0	0	3	0	1	1
CO-2: Define madataya and describe types of Madataya with its treatment	3	0	0	2	3	3	1
CO-3: Describe stages of Madataya	3	0	0	2	3	2	0
CO-5: Explain Pharmacological effects of alcohol	3	0	0	2	2	3	0
CO-6: Describe complication of Madataya	3	0	0	2	2	2	0
CO-7: Describe Ethanol poisoning	3	0	0	2	2	2	0

CO-8: Describe methanol poisoning	3	0	0	2	2	2	0
Description of upavish	1	2	3	4	5	6	7
CO-1: Identify the symptoms and Describe the management of cardiac poison	3	0	0	2	2	3	0
CO-2: Identify the symptoms and Describe the management of Irritant poison	3	0	0	2	2	3	0
CO-3: Identify the symptoms and Describe the management of neurotoxic poison	3	1	0	2	2	3	0
CO-4: Define Shodhana and describe the Shodhan of Upavisha	0	0	0	3	0	0	3
Khanij Visha.	1	2	3	4	5	6	7
CO-1: Define Plumbisum and Describe Lead poisoning	3	2	2	1	2	2	0
CO-2: Describe Acute and chronic Arsenic poisoning	3	2	2	1	2	2	0
CO-3: Describe acute and Chronic condition of mercury poisoning	3	2	2	2	2	2	0
CO-4: Describe acute and Chronic condition of Copper poisoning	3	2	2	2	2	2	0
Jangam Visha	1	2	3	4	5	6	7
CO-1: Describe the classification of snake as per Ayurveda and modern	2	0	1	0	0	0	0
CO-2: Identify the case of snake poisoning on the basis of modern and Ayurveda clinical features	3	0	0	2	2	2	0
CO-3: Describe the management of snake bite as per Ayurveda and modern	3	0	0	2	2	2	2
CO-4: Identify the symptoms of scorpion	3	0	0	2	2	2	1

bite and Describe the Ayurvedic and modern treatment of scorpion bite							
CO-5: Identify the symptoms of Alark Visha and describe the management of Alark Visha as per Ayurveda and modern	3	0	0	2	2	2	1
CO-6: manage the case of kitvisha as per Ayurveda	3	0	0	2	2	2	2
CO-7: Describe the spider poisoning as per Ayurveda and modern	3	0	0	2	2	2	1
CO-8: Describe regimen of administration of ASV	3	0	0	2	2	2	0
CO-9: Describe the regimen of administration of Antirabies Vaccine	3	0	0	2	2	2	0
Aahar Visha.	1	2	3	4	5	6	7
CO-1: Describe various causes of food poisoning.	3	1	2	2	3	1	0
CO-2: Describe diseases spread by infected food.	3	1	2	2	3	2	0
CO-3: Describe microbial food poisoning, its sources & treatment	3	2	2	2	3	2	0
CO-4: Describe food incompatibility(Virruddha Aahar)	3	2	2	2	3	2	0
Laws related to poison	1	2	3	4	5	6	7
CO-1: Describe the act related to poison	3	0	0	2	2	0	0
CO-2: Describe poison act 1919	2	0	0	2	2	0	0
CO-3: Describe Dangerous drug act 1930,	2	0	0	2	2	0	0
CO-4: Describe Drug && Cosmetic act 1940	3	0	0	2	2	0	0
CO-5: Describe Pharmacy act 1948,	2	0	0	2	2	0	0
CO-6: Describe NDPS act	2	1	1	2	3	0	0

Vyavahar Ayurved evum Vidhivaidyak

Program Outcome (PO)

Course outcome	Program Outcome
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Introduction to Vyavahar Ayurved	1	2	3	4	5	6	7
CO-1: Define & derive Vyavhar Ayurveda and Vidhivaidyak	3	1	2	3	3	1	1
CO-2: Define Medical jurisprudence and describe its importance & scope	3	1	2	3	3	1	1
CO-3: Describe History of the Forensic medicine, its need, scope, importance and probative value of medical evidence.	1	1	2	1	2	1	1
CO-4: Describe the History of Vyavahar Ayurveda	1	1	1	1	1	1	0
Legal Procedure	1	2	3	4	5	6	7
CO-1: Describe types of court and their powers.	3	3	3	3	3	3	1
CO-2: Define Inquest and describe the types of inquest	3	3	3	3	3	3	1
CO-3: Define Witness and describe types of witness.	3	3	3	3	3	3	1
CO-4: Define Evidence & describe its types.	3	3	3	3	3	3	1
CO-5: Prepare medical certificates.	3	3	3	3	3	3	1
CO-6: Describe Court procedure.	3	3	3	3	3	3	1
CO-7: Describe dying deposition, dying declaration and legal documentation.	3	3	3	3	3	3	1
CO-8: Differentiate between dying deposition & dying declaration.	3	3	3	3	3	3	1
CO-9: Recall important Indian penal codes, Indian evidence act & criminal procedure codes.	3	3	3	3	3	3	2
CO-10: Recall Legal terminologies.	1	1	1	1	1	1	0
CO-11: Maintain of Medical records.	3	3	3	3	3	3	1
IDENTIFICATION	1	2	3	4	5	6	7
CO-1: Define identity and describe points for identification of an Individual.	1	2	2	2	3	3	2
CO-2: Identify an unknown individual on the basis of race, nationality, bones, teeth, etc.	1	2	2	2	3	3	2
CO-3: Determine age of an unknown individual from bone, teeth and other body changes.	1	2	2	2	3	3	2
CO-4: Determine sex of an unknown individual and differentiate between male and female body.	1	2	2	2	3	3	2
CO-5: Recognize Medicolegal aspect of age.	1	2	2	2	3	3	2
CO-6: Define and describe Dactylography with its types.	1	2	2	2	3	3	2
CO-7: Describe DNA profiling study.	1	2	2	2	3	3	2
CO-8: Describe Finger print study.	1	2	2	2	3	3	2
CO-9: Define and describe Cheiloscopy, Poroscopy & Anthropometry.	1	2	2	2	3	3	2
DEATH	1	2	3	4	5	6	7
CO-1: Define Death and describe modes of death.	2	2	2	2	2	2	1
CO-2: Identify suspended animation.	2	2	2	2	2	2	1
CO-3: Describe types of death as per modern & Ayurved	2	2	2	2	2	2	1
CO-4: Describe early sign of death.	2	2	2	2	2	2	1
CO-5: Determine time since death from Algor mortis.	2	2	2	2	2	2	1
CO-6: Determine time since death from Livor mortis.	2	2	2	2	2	2	1
CO-7: Determine time since death from Rigor mortis.	2	2	2	2	2	2	1
CO-8: Describe Late sign of death.	2	2	2	2	2	3	1

CO-9: Determine time since death from Decomposition.	2	2	2	2	2	3	1
CO-10: Determine time since death from Saponification.	2	2	2	2	2	3	1
CO-11: Determine time since death from Mummification.	2	2	2	2	2	3	1
CO-12: Describe Purpose, essentials & precaution during autopsy.	2	2	2	2	2	3	1
CO-13: Prepare of Postmortem report.	2	2	2	2	2	3	1
CO-14: Explain and demonstrate Procedure of Autopsy.	2	2	2	2	2	3	1
CO-15: Demonstrate how to preserve viscera and dispatch it.	2	2	2	2	2	2	1
CO-16: Describe Exhumation.	2	2	2	2	2	3	1
Asphyxial Death	1	2	3	4	5	6	7
CO-1: Define Asphyxial death and describe its causes and classification.	3	1	1	1	2	3	1
CO-2: Define Hanging and describe its types, cause of death, post mortem appearance & medico legal aspect.	3	1	1	1	2	3	1
CO-3: Define Strangulation and describe its types, symptoms, cause of the death, post mortem appearance & medico legal aspect.	3	1	1	1	2	3	1
CO-4: Define Suffocation and describe its causes, causes of death in suffocation, post mortem appearance & medico legal aspect.	3	1	1	1	2	3	1
CO-5: Define Drowning and describe the stages of drowning, types & pathophysiology of drowning, sign and symptoms, post mortem appearance & medico legal aspect.	3	1	1	1	2	3	1
CO-6: Define Dowry death and describe its medicolegal importance & laws in related to it.	3	1	1	1	2	3	1
CO-7: Diagnose death due to Starvation: (Acute & Chronic) and describe its Causes, signs and symptoms of starvation, factors, treatment, P.M. appearance & medico legal aspect.	3	1	1	1	2	3	1
CO-8: Diagnose condition due to excessive heat and describe its factors, P.M. appearance, medico legal aspect & treatment.	3	1	1	1	2	3	1
CO-9: Diagnose condition due to Excessive cold describe its factors, signs and symptoms, P.M. appearance, medico legal aspect & treatment.	3	1	1	1	2	3	1
Abhighat (Injury)	1	2	3	4	5	6	7
CO-1: Define Vrana and describe its types according to Ayurveda.	3	2	2	2	3	3	1
CO-2: Define Injury and explain its classification according to modern science.	3	2	2	2	3	3	1
CO-3: Define and diagnose Abrasion Wound on the basis of its characters and describe its age, PM appearance and medicolegal importance.	3	2	2	2	3	3	1
CO-4: Define and diagnose Laceration Wound on the basis of its characters and describe its age, PM appearance and medicolegal importance.	3	2	2	2	3	3	1

CO-5: Define and diagnose Contusion Wound on the basis of its characters and describe its age, PM appearance and medicolegal importance.	3	2	2	2	3	3	1
CO-6: Define and diagnose Stab Wound on the basis of its characters and describe its age, PM appearance and medicolegal importance.	3	2	2	2	3	3	1
CO-7: Define and diagnose Incised Wound on the basis of its characters and describe its age, PM appearance and medicolegal importance.	3	2	2	2	3	3	1
CO-8: Differentiate between anti mortem and post mortem injury.	3	2	2	2	3	3	1
CO-9: Define and diagnose burn injury on the basis of its characters and describe its types, factors, P.M. appearance, Medico legal aspect, Degree of burn & Rule of Nine.	3	2	2	2	3	3	1
CO-10: Differentiate between anti mortem burn and post mortem burn injury.	3	2	2	2	3	3	1
CO-11: Define and identify Firearm injury, Lightening burn, electrical burn and describe PM appearance and medicolegal importance.	3	2	2	2	3	3	1
CO-12: Differentiate between wound of entrance and wound of exit.	3	2	2	2	3	3	1
Vyabhichara (Sexual offence) & Aprakrutik karma	1	2	3	4	5	6	7
CO-1: Define Sexual offences and describe its classification.	3	1	2	1	3	2	1
CO-2: Define Natural Sexual offence and describe its classification.	3	1	2	1	3	2	1
CO-3: Define Unnatural sexual offenses and describe its types and Medico legal aspect.	3	1	2	1	3	2	1
CO-4: Define Rape in various ways and describe its medico legal importance & punishment for rape.	3	1	2	1	3	2	1
CO-5: Examine victim and accused of the rape case.	3	1	2	1	3	2	1
CO-6: Prepare report of Victim of Rape case.	3	1	2	1	3	2	1
CO-7: Define and describe sexual perversions with its examples.	3	1	2	1	3	2	1
Pregnancy & delivery	1	2	3	4	5	6	7
CO-1: Define pregnancy and describe Signs of pregnancy in living and dead female and its medicolegal importance.	3	3	3	2	3	3	1
CO-2: Define delivery and describe signs of recent and remote delivery in living and dead female and its medicolegal importance.	3	3	3	2	3	3	1
CO-3: Define Virginitiy and describe Signs of the virginitiy.	1	1	1	1	1	1	0
CO-4: Examine the Signs of the virginitiy.	1	1	1	1	1	1	0
CO-5: Identify types of hymen and describe Medico legal aspect of hymen and virginitiy.	1	1	1	1	1	1	0
CO-6: Define impotence and sterility and describe its medicolegal aspect.	3	3	3	2	3	3	1
CO-7: Examine the case of impotency and sterility.	3	3	3	2	3	3	1

CO-8: Define Sterilization and describe its types, methods and medicolegal aspect.	3	3	3	2	3	3	1
CO-9: Define Infertility and describe its causes in women.	3	3	3	2	3	3	1
ABORTION & INFANTICIDE	1	2	3	4	5	6	7
CO-1: Define abortion and describe its sign and symptoms and types of abortion.	3	3	3	2	3	3	1
CO-2: Define natural abortion and describe its characteristics and causes.	3	3	3	2	3	3	1
CO-3: Identify the indications of MTP and describe requirement, methods and complications of MTP.	3	3	3	2	3	3	1
CO-4: Describe MTP act 1971.	3	3	3	2	3	3	1
CO-5: Define criminal abortion and describe methods and punishment for criminal abortion.	3	3	3	2	3	3	1
CO-6: Examine a case of criminal abortion.	3	3	3	2	3	3	1
CO-7: Differentiate between natural abortion & criminal abortion.	3	3	3	2	3	3	1
CO-8: Define Infanticide and describe Signs and symptoms, Causes and medicolegal aspect of infanticide.	3	3	3	2	3	3	1
CO-9: Determine whether the child was still born, dead born or born alive.	3	3	3	2	3	3	1
CO-9: Determine whether the child was still born, dead born or born alive.	3	3	3	2	3	3	1
CO-10: Determine the age of foetus or infant.	3	3	3	2	3	3	1
CO-11: Describe act of commission and act of omission for infanticide.	3	3	3	2	3	3	0
CO-12: Describe Battered baby, abandonment of the children, concealment of the birth and SIDS.	3	3	3	2	3	3	0
FORENSIC PSYCHIATRY	1	2	3	4	5	6	7
CO-1: Define manasik swasthya and describe Ayurvedic classification of Mental disorder.	1	1	1	1	1	1	0
CO-2: Define Mental health and assess the mental health of the individual.	2	2	2	2	2	2	0
CO-3: Categorize Mental disorders according to modern science and describe the causes of mental disorder.	2	2	2	2	2	2	0
CO-4: Diagnose insanity and differentiate true and feigned insanity.	2	2	2	2	2	2	0
CO-5: Recognize Civil responsibility of mentally ill.	2	2	2	2	2	2	0
CO-6: Identify Criminal responsibility of mentally ill.	2	2	2	2	2	2	0
CO-7: Describe Mental health act 1987.	2	2	2	2	2	2	0
Duties of Physician	1	2	3	4	5	6	7
CO-1: Define Pranacharya and describe the duties of Pranacharya.	3	3	3	3	3	3	1
CO-2: Recognize the duties of the physician in Poisoning cases.	3	3	3	3	3	3	1
CO-3: Describe Physician's responsibility in criminal matter.	3	3	3	3	3	3	1
CO-4: Describe Professional ethics & Code of ethics.	3	3	3	3	3	3	1
CO-5: Describe Characteristics of the Physician.	3	3	3	3	3	3	1

Medicolegal procedure & law	1	2	3	4	5	6	7
CO-1: Define consent and describe the types of Consent.	3	3	3	3	3	3	1
CO-2: Describe procedures of Consent in medical examination.	3	3	3	3	3	3	1
CO-3: Define and describe Professional negligence with its examples.	3	3	3	3	3	3	1
CO-4: Describe Consumer protection act.	3	3	3	3	3	3	1
CO-5: Maintain of Medical records.	3	3	3	3	3	3	1
CO-6: Prepare Fitness, sickness certificate.	3	3	3	3	3	3	1
CO-7: Describe MTP act, Human organ transplantation act and PNDT act.	3	3	3	3	3	3	1
CO-8: Interpret the Function of CCIM.	0	1	0	0	1	0	0
CO-9: Describe Medico legal aspect of acquired immunodeficiency syndrome.	3	3	3	3	3	3	1
CO-10: Describe National human right commission.	0	1	0	0	1	0	0
CO-11: Explain Medical/doctor indemnity insurance.	0	1	0	0	1	0	0
Introduction to forensic science lab	1	2	3	4	5	6	7
CO-1: Tell the Forensic Science Laboratories in Maharashtra.	0	0	0	0	1	0	0
CO-2: Describe Different Sections of FSL.	0	0	0	0	1	0	0
CO-3: Describe Forensic Serology & DNA profiling.	0	1	1	1	1	1	1
CO-4: Describe Analytical techniques used in FSL	0	1	1	1	1	1	1