

AG801

AGADA TANTRA - I

4-0-0-4

Toxico – genomics and Pharmacodynamics

1. Introduction to Toxico – genomics
2. Conceptual study: - Drug interactions and incompatibility, Pharmacovigilance
3. Pharmacodynamics of different formulations used in Agadatantra
4. Study of pharmacology and usage of antidotes as per the Ayurvedic and contemporary science.
5. Fundamentals of pharmaceuticals according to Ayurvedic and contemporary point of view.
6. Descriptive and comparative study of Upavisha in unison with Contemporary Toxicology.
7. Examination of poisons as per Contemporary and Ayurvedic Methods.
8. Descriptive study of sthavara visha, definition, classifications, classical signs and symptoms of poisoning including vanaspathic (phyto poison), khaniya (mineral) and compound sthavara visha.
9. 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 etc. their features and management according to ancient and recent concepts.
10. Concept of Virudha aahara, Aahara visha and Satmyasatmyata in contemporary and Ayurvedic views. Conceptual study:- Drug interactions and incompatibility, Pharmacovigilance

AG802

AGADA TANTRA - II

4-0-0-4

Emergency medical management of poisoning

1. Emergency medical management of poisoning including preparation, administration and complications of antivenoms/antiserum.
2. Concept of Diagnosing and Managing of Drug Induced Toxicity with respect to ayurvedic formulations.

3. Fundamental Principles for treatment of poisoning . General and specific treatment of different types of Sthavara visha.
4. General and specific treatment of different types of Jangama visha (animal poisons, insect poisons, snake bites and other zoonotic diseases).
5. Emergency medical management of poisoning including preparation, administration and complications of antivenoms/antisera.
6. Diagnosis and Management of Drug Induced Toxicity
7. Management of food poisoning.Extra -corporeal techniques (dialysis etc) for removal of poisons.
8. Introduction of different instruments /equipments used in the examination of poisons.

TEXT BOOKS/ REFERENCES:

1. Dravyaguna Vigyan - Acharya Yadavji
2. Aushadhigunadharm Shastra - Pt Visvanath Dvivedi
3. Kriyatmat Aushada parichaya Vigyan - Pt Visvanath Dvivedi
4. Ayurvedic Vyadhi Vigyan - Acharya Yadavji Trikamji
5. Madhavanidan with Madhukosha commentary
6. Sharangadhara Samhita
7. Yogaratnakara
8. Aushadigunadharm Shastra -PtGangadharaShastri Gune
9. Rasendracintamani
10. Rasaratna samuchhaya
11. Vishavigyan - Dr. Krishna Kumar
12. Related matter of Kautilya Artha Shastra
13. Harmekhlatantra
14. Hand book of Forensic Medicine and toxicology - Dr. P.V. Chadha
15. Viva Forensic Medicine and toxicology - L.C. Gupta
16. Forensic Medicine and Ethics - J.P. Narena
17. Modi's Medical Jurispudence and Toxicology
18. The essentials of forensic medicine and toxicology - Dr.K.S. Narayan Reddy
19. Medical Laws and Ethics - Dr. H.S. Mehta
20. Atlas of Forensic Medicine - Dr. Tomio Watenbe
21. Medico legal Post Mortems (Atlas) - Dr. Parikh and Others
22. Textbook of Forensic Medicine and Toxicology - Dr.V.V. Pillay
23. Textbook of Forensic Medicine and Toxicology - Dr. Karmakar
24. Textbook of Forensic Medicine and Toxicology - Dr. Singhal
25. Textbook of Forensic Medicine and Toxicology - Dr. Krishnan Vij

26. Forensic Pathology - Dr. Bernard Knight
27. Textbook of Forensic Medicine and Toxicology - Lyon's
28. Pocket picture guide to Forensic Medicine - Gower's Medical Publication
29. Forensic Medicine - Simpson Knight
30. Taylor's Principles and Practical of Medical Jurisprudence - J and A Churchis
31. Doctor and law – Singhal
32. Textbook of Toxicology -Singhal
33. Medicine Harrison's Principal of Internal Medicine
34. Agad Tantra - Dr. Shekhar Namboodri
35. Modern Medical Toxicology - Dr. V.V.Pillay
36. Jyotsnika
37. Prayogsamucchayam