

**SYLLABUS**  
**Ph.D COURSE WORK**  
**Subject : Shalya – Tantra**



THEORY : One Paper, 100 Marks, 03 Hour Duration

PRACTICAL : 100 Marks

**THEORY**

1. Importance of Shalya-Tantra
2. Trividha Karma
3. Yantra and Shastra
4. Clinical and applied aspect of – Vrana shopha, Vidradhi, Vrana, Saddyo Vrana, Dagdha, Bandhana karma, Ashtavidha Shastra Karma, Sandhana Karma (Reconstructive surgery), Yogya, Bhagna, Granthi, Ashmari, Stan rog, Guda rog (Guda Vidradhi, Bhagandara, Arsha, Parikartika, Guda Bhransha, Sanniruddha Guda)
5. Kshara Karma
6. Agnikarma
7. Rakta Visravana Karma
8. Clinical presentation, diagnosis and management of Wounds, Appendicitis, Cholecystitis, Cholelithiasis, Choledocholithiasis, Carcinoma Gall Bladder, Hernias, Intestinal Obstruction, Perforation of a hollow viscus, Perianal Abscess, Fistula-in-Ano, Pilonidal Sinus, Haemorrhoids, Fissure-in-Ano, Fractures, Osteo-Arthritis, Benign Prostatic Hyperplasia, Breast swellings, Renal calculus, Vesical calculus, Phimosis, Para-phimosis, Hydrocoele and Shock.
9. Principles of Laproscopic surgery
10. Surgical Ethics
11. Recent advances in Shalya-Tantra
12. Emerging areas of surgical and para-surgical research in Shalya-Tantra
13. Sangyahan – Principles, classification, drugs, Fluid and electrolyte management.
14. Nirjivanukarana – Sterilization
15. Diagnostic modalities in surgical practice – X-Ray, USG, MRI, CECT, Endoscopy, Colonoscopy, Fistulography, etc.

**PRACTICAL**

1. Identification and clinical application of Instruments (Spotting) - 10 Marks
2. Surgical Case taking – Short case, Long case - 20 Marks
3. Teaching Demonstration - 10 Marks
4. Case Records - 10 Marks
5. Project - 10 Marks
6. Viva Voce - 40 Marks

**REFERENCE BOOKS**

- Sushruta Samhita
- Bailey & Love's Short practice of Surgery – Normans S Williams, P. Ronan O'Connell, Andrew W Mc Caskie
- SRB's Manual of Surgery – S Bhatt M
- Clinical methods in Surgery – Das
- Textbook of Operative Surgery – Farquharson's

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