



Sant Dnyaneshwar Shikshan Sanstha's  
**Hon. Shri. Annasaheb Dange Ayurved Medical College**

A/p : Ashta, Tal. : Walwa, Dist : Sangli – 416 301  
Phone : 02342-241103/241108, Fax – 02342-241110

Website : www.adamcashta.com

E-mail : ashta.adamc@gmail.com

**Samhita, Siddhant and Sanskrit**

**Course Outcomes: UG**

1. Recall and translate the Sanskrit verses from classical Ayurvedic texts
2. Describe the contributions of ancient-recent authors of Ayurveda
3. Apply the knowledge of Darshan Shastras, Pramanas & Shat- Padartha
4. Explain and infer the fundamental principles of Ayurveda
5. Choose and apply Ayurveda treatment and procedures based on the basic principles.

**Samhita and Siddhant:**

**Course Outcomes: PG**

1. Describe and relate the concepts and basic principles of Ayurveda.
2. Correlate the contributions of ancient and new authors and commentators to utilize the knowledge in practice.
3. Infer classical literature for proper diagnosis and planning treatments for complex and chronic diseases.
4. Analyze and implement the basic principles of Ayurveda in treatment.
5. Undertake research in the field of Ayurvedic literature and clinical research.

  
**Head of Dept.**  
**Sanskrit, Samhita & Siddhant**  
**Sanskrit Samhita Siddhant**



  
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## Rachana Sharir

### Course Outcomes: UG

1. Recognise and state the normal structures of human body through dissection.
2. Identify histological and micro-anatomical structures.
3. Explain Garbha Sharira with respect to the pre and post-natal developmental changes.
4. Mark surface anatomy for surgical procedures and radiological purposes in diagnosis of disease.
5. Apply the knowledge of Pramana Sharira and Marma Sharira into their clinical practice of Ayurveda.

### Course Outcomes: PG

1. Identify every anatomical detail of the body and distinguish between normal and abnormal.
2. Demonstrate various organs, their histological and micro-anatomical features and applied aspects.
3. Correlate Shatachakra and central nervous system and explain its applied anatomy.
4. Explore the knowledge of Garbha Sharir and compare it with the principles of modern science.
5. Apply knowledge of Rachana Sharir in context of mamsa, sira, snayu, asthi, and sandhi in clinical practice.

  
H.O.D.  
Sharir Rachana Dept.  
A.D.A.M.C., Ashta



  
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## Kriya Sharir

### Course Outcomes: UG

1. Explain physiological aspects of various systems.
2. Describe biochemical test results with respect to physiological aspects of the system of interest.
3. Collect, process, analyze and evaluate biological tests.
4. Perform Ayurvedic Parikshana for Prakriti, Sara, Agni and Koshtha and implement in improving life style and health.
5. Apply fundamental principles of Dosha, Dhatu and Mala in clinical practice.

### Course Outcomes: PG

1. Explain pathophysiological aspects of various koshtanga and gain knowledge of their vikriti and chikitsa.
2. Achieve equilibrium of tridosha and shadritu through the concept of prakriti with respect to the change in environment.
3. Set parameters to evaluate manasprakriti in stress management programs.
4. Assess dosha, dhatu and mala quantitatively based on vimshati guna with the help of modern equipments and techniques.
5. Infer and compare quantitative data to clinical findings and set physiological equilibrium.

  
**HOD,**  
**Kriya Sharir**  
**A.D.A.M.C., ASHTA.**



  
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## Rasashastra and Bhaishajya Kalpana

### Course Outcomes: UG

- 1 Describe the drugs of mineral origin, their varieties, characteristics, processing techniques, properties and their therapeutic uses
- 2 Explain drugs, prepare classical drug formulations and improvise the existing.
- 3 Apply preservation and dispensing techniques of prepared drugs.
- 4 Use modern equipments and instruments to improve the processing.
- 5 Implement Good Manufacturing Practices (GMP), patent laws, analytical techniques

### Course Outcomes: PG

1. Gain critical knowledge of the concepts and basic processes of Rasashastra and Bhaishajya kalpana.
2. Prepare and modify various dosage forms and formulations.
3. Apply concepts of raschikitsa in clinical practice and detect adverse drug reactions.
4. Gain expertise in Ayurvedic drug manufacturing and manage commercial Pharmacy.
5. Perform researches on classical and novel formulations.



  
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### Course Outcomes: UG

#### Dravyaguna

- 1 Describe principles of Dravyaguna including details of herbal origin drugs.
- 2 Explain basic pharmacology including drug nomenclature, dosage forms, drug actions and body responses
- 3 Describe taxonomy of medicinal plants and their methods of cultivation.
- 4 Identify and demonstrate adulteration of drugs and explain a solution for the problem through the fundamentals of Dravyaguna.
- 5 State sources of crude drugs, collection methods, processing and storage of medicinal plants.

HOD  
Dravyagun Dept.  
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**Course Outcomes: UG**

**Rognidan and Vikriti Vigyan**

1. Define and describe the basic principles and terminologies of Rognidan, Nidan Panchak (pathogenesis), Rugna Pareekshan (clinical examination) and Vyadhi vinischaya (diagnosis).
2. Identify Pathology at cellular and gross anatomical level and correlate these with the clinical signs and symptoms.
3. Demonstrate proper handling and disposal of biological materials & maintaining high standard ethics.
4. Relate knowledge of histopathology and morbid anatomy for microscopic examination of tissue sections.
5. Apply appropriate diagnostic procedures in pathological investigations.

**Course Outcomes: PG**

1. Define applied aspects of vyadhikshamatva in the context of immunity.
2. Revise concepts of nidanpanchak and vyadhighatakatva.
3. Discuss and interpret nidanpanchak, upadrava, arishta lakshanas, sadhysadhyatva and samanya chikitsa sutra.
4. Utilize various laboratory techniques for diagnosis of diseases and implement clinical methods and techniques.
5. Set well equipped laboratories for proper diagnosis and clinical practices.

**H.O.D.**  
Rog Nidan Dept  
ADAMC, Ashta



  
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## Swasthavritta and Yoga

### Course Outcomes: UG

1. Explain prevention of diseases through preventive health practices like daily and seasonal regimen.
2. Describe community based preventive measures in respect to communicable and non-communicable diseases.
3. Correlate Environment and human health and determine occupational health hazards.
4. Practice principles of Ayurveda diet system, Yoga Therapy & Naturopathy for well being.
5. Apply the principles of Swasthavritta and Yoga for improving quality of life.

  
HOD

Swasthavritta Dept.  
Hon. Shri. Annasaheb Dange  
Ayurved Medical College, Ashta



  
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### Agad Tantra, Vyavahar Ayurveda and Vidhi Vaidyak

#### Course Outcomes: UG

- 1 Describe emerging practices within forensic science and toxicology.
- 2 Identify the symptoms of poisoning and its antidotes.
- 3 Demonstrate scientific methods and use problem solving methods within the field of forensic science.
- 4 Analyse crime scenes, physical evidences and have ability to note and document all facts.
- 5 Apply ethical standards of legal responsibilities to professional practice.

**Head of Dept.,  
Agad Tantra Dept.  
A. D. A. M. C. Ashta**



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### Course Outcomes: UG

#### Kaumarbhritya

1. Describe principles of Kaumarbhritya and correlate them to advance Paediatrics.
2. Create awareness of nutrition, proper growth and mental and physical development in children.
3. Diagnose and note all observations critically and implement appropriate treatment plan for diseases.
4. Apply principles of Kaumarbhritya in their clinical practice.
5. Choose appropriate investigations, handle instruments, and apply suitable technology in practice.

### Course Outcomes: PG

1. Identify various pediatric disorders and manage them through Ayurveda and modern methods of treatments.
2. Identify and work in the areas like nourishment, immune-modulation and other research areas.
3. Manage neonatal emergencies like preterm, post term, IUGR births.
4. Apply knowledge of human genetics, embryology, growth and development to diagnose chromosomal disorders.
5. Design parameters and assess physical and mental development in children taking Suvana Bindu Prashan.

HOD  
Kaumarbhritya Tantra Dept  
Hon. Shri. Annasaheb  
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College & PGRC, Ashta



  
Principal  
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**Course Outcomes: UG**

**Kayachikitsa**

1. Describe Hetu, Linga, and aushadha and apply basic principles of Kayachikitsa in the treatment of various diseases.
2. Explain the medico legal aspects and follow Good Clinical Practices in ethical framework.
3. Note and present accurate clinical history, examine patient, diagnose and plan treatment accordingly.
4. Infer pathological, radiological and other investigations for the diagnosis and treatment of various diseases.
5. Manage emergencies and critical care patients.

**Course Outcomes: PG**

1. Diagnose and treat all kinds of patients and manage emergencies with skill and expertise.
2. Understand scope & methods of independent and collaborative research in Kayachikitsa.
3. Implement National Health Programs and other programs from health companions of AYUSH.
4. Follow medical ethics, common laws and regulations, Hospital Management Strategies, etc
5. Manage emerging health challenges and follow evidence based medical practices.

*Handwritten signature*  
**Head of Dept.,  
Kaya Chikitsa Dept  
A. D. A. M. G. Ashta**



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**Course Outcomes: UG**

**Shalya Tantra**

1. Explain ancient surgical procedures in relation to modern Surgery.
2. Demonstrate proper examination, surface markings and treatment.
3. Diagnose ano-rectal diseases and use Ksharsutra in the treatment.
4. Use recent advances in technology, instrumentation and investigation in surgical procedures.
5. Identify and explore the areas of research in the field of Ayurvedic surgery.

**Course Outcomes: PG**

1. Describe Ayurvedic techniques and methods of surgical procedures in comparison to modern.
2. Perform proper surgical examination and procedures as per Ayurveda and modern science.
3. Use various types of Anushastra such as Kshara, Agnikarma and Viddhakarma in practice.
4. Implement recent advances in investigation, instrumentation and technology in surgical procedures.
5. Perform evidence based research in ancient methods of surgery using advanced technology.



  
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### Course Outcomes: UG

#### Panchakarma

1. Describe basic concepts, standard operative procedures of Panchakarma and their importance in preventing complications.
2. Perform seasonal Panchakarma procedures as preventive or curative measure in various diseases.
3. Diagnose diseases, decide appropriate Panchkarma procedure, prepare and administer medications accordingly.
4. Manage complications of Panchkarma in practice.
5. Implement appropriate Physiotherapy treatment modalities in various diseases.

### Course Outcomes: PG

1. Describe and apply basic concepts of Panchakarma with standard operative procedures as preventive and curative measures.
2. Explain and perform seasonal Panchakarma procedures and know their applied aspects.
3. Diagnose diseases, plan and schedule procedures, and make use of newer techniques for procedures.
4. Formulate medications of newer combinations to use in procedures for complex and chronic diseases.
5. Evaluate treatment outcomes to assess improvement in the patient and generate data on large scale for further researches and publications in the subject.



  
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### Prasuti Tantra Evam Stree Roga

#### Course Outcomes: UG

1. Explain pregnancy with assessment of gestational period, fetal positions, abnormalities and Garbha Samskaras.
2. Know PCPNDT ACT, MTP ACT & other legal aspects.
3. Diagnose and treat all diseases of Stree roga and Prasuti Tantra according to Ayurvedic and modern principles.
4. Apply the knowledge of various local treatment procedures like uttarbasti, yonidhavan, yonidhupan.
5. Assess and plan for Ayurvedic treatment in infertility.

#### Course Outcomes: PG

1. Explain Ayurvedic concepts of the subject from the modern perspectives and apply new parameters for Ayurvedic concepts.
2. Diagnose pregnancy; differentiate between normal and abnormal, assess gestational period, recognize onset of labour and manage labour independently.
3. Explain Garbha samskaras to the patient, assess progress and generate follow-up data.
4. Plan Ayurvedic treatment for infertility; manage obstetrical and gynaecological emergencies and high risk pregnancies.
5. Follow PCPNDT ACT, MTP ACT & other legal aspects.



  
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**Course Outcomes: UG**

**Shalakya Tantra**

- 1 Explain basic principles of Urdhvjatrugat Vyadhis
- 2 Perform examination of Urdhvjatru, diagnose and manage common diseases by applying various concepts of treatment.
- 3 Prepare and use kriyakalpas in the treatment of various ophthalmic disorders.
- 4 Compute refractive errors and suggest appropriate rectification.
- 5 Apply various preventive and curative procedures in Urdhvjatrugat Vyadhis.

**Course Outcomes: PG**

1. Diagnose and manage complex and chronic Urdhvjatrugat Vyadhis.
2. Implement modern scientific knowledge for extensive Ayurvedic clinical practice.
3. Perform various clinical and surgical procedures with skill and expertise.
4. Prepare and use kriya kalpas in the treatment of various ophthalmic disorders and generate data for researches.
5. Perform evidence based research in ancient methods of Shalakya Tantra with the help of advanced technology.



  
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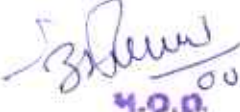
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### Course Outcomes: UG

#### Research Methodology

1. Describe and apply research methodologies, tools and levels of research.
2. Have scientific and inductive thinking and apply it in the promotion of Ayurveda.
3. Use modern instruments and tools of data management for developing an evidence base.
4. Infer statistical data of various researches to know their significance.
5. Develop research methodologies which will be applicable to interpret Ayurvedic concepts into modern terminologies.

  
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Research Methodology  
& Medical Statistics  
P.G. & U.G.  
ADAMC ASHTA



  
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