

Maharashtra Arogya Mandal's

Sumatibhai Shah Ayurved Mahavidyalaya

* An ISO 9001:2015 Certified Mahavidyalaya
* NABH Accredited & ISO 9001:2015 Certified Hospital

Malwadi, Hadapsar, Pune - 411028

Recognized by : Government of India, Ministry of Health & Family Welfare,
(Department of AYUSH) N.C.I.S.M, Ministry of AYUSH, Government of India New Delhi &
Government of Maharashtra. Affiliated to Maharashtra University of Health Sciences, Nashik.



॥अभ्यासात् प्राप्यते दुष्टिः
कर्मसिद्धिप्रकाशिनी ॥

2.6.1. a. LEARNING OUTCOMES AND GRADUATE ATTRIBUTES

The BAMS education aims at in depth understanding of Ashtang Ayurveda in synergy with knowledge of modern medicine and its advances along with extensive practical training. BAMS doctors will become efficient academicians, researchers, physicians and surgeons fully competent to serve the health care services with following courses based outcomes in their BAMS program.

1. AYURVED SAMHITA & SIDDHANTA

- To make aware the students regarding the great heritage of India as far as the ancient medical science is concerned.
- To teach the basic and fundamental concepts of Ayurveda.
- To impart the faith, love and affection to this ancient science.
- To carry out the basic research to exemplify them.

2. RACHANA SHARIR

- To train the students of UG and PG courses by virtue of thorough Human cadaveric dissection.
- To widen their knowledge base by making them acquainted with theoretical and practical aspects of Rachana Sharir.
- To inculcate the cult of Clinical and Applied aspects of this fundamental subject.
- To conduct research activities through Post graduate and Ph. D. course in Rachana Sharir.
- To strive for department development through development of Museum and other facilities essential for training the students.
- To make provision of ample number of cadavers for the purpose of dissection through the movement of DEHADAN (Body bequeathal).



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3. KRIYA SHARIR

The learner should be able to

- Explain the basic concepts of Human Physiology in Ayurveda.
- Describe the fundamentals of contemporary physiology related to all organ systems along with the important links between these systems.
- Able to discuss role of Kriya Sharir in Ayurveda and current research.
- To analyze and record the fundamental parameters related to physiology like Deha Prakriti, Dhatu Sara, Mala Parikhan in a healthy individual.
- Acquire good skills in written and applied physiology.

4. DRAVYAGUNA VIGYAN

- The department aims to train Doctors to make rationale use of Ayurvedic single herbs and preparation in various ailments. This requires thorough knowledge of medicinal plant in identification understanding good quality material. Working knowledge of Pharmacognosy is also given thus Dravyaguna experts can accomplish important task of maintaining quality of raw material in pharmacies & as well as in individual practice. Along with detail properties and uses in various diseases, the right doses, time of administration and vehicle of medicines are thoroughly taught which are very important in treating diseases by Ayurvedic principles and medicines.
- Students are made aware about propagation & cultivation techniques of important Medicinal plants. Students are encouraged to study drugs with promising results from herbal traditions practiced in remote areas with the help of Ethno botany.

5. RASA SHASTRA & BHAISHAJYA KALPANA

- Preparation of various Ayurvedic formulations so as to incur practical knowledge among students. Arrange visits to various G.M.P. approved Pharmacies, R & D centers & Pharmacy colleges.
- Encourage and Guide the P. G. students to prepare various untouched & exclusive Rasakalpas (e.g. Pottali kalpas) mentioned in Rasagranthas. Focus on Analytical study for the Standardization of Rasakalpas. Built up a strong foundation for future Ayurvedic Pharmacists & Rasavaidyas and academicians.

6. AGADA TANTRA EVUM VIDHI VAIDYAKA



- Our objective is not only to provide academic, research and community services but also to exceed our client's expectations i.e. our authorities, students, patients and law enforcement agencies.
- The Department endeavors to achieve the goal of becoming a benchmark as a quality Medico-legal and Medical Jurisprudence education and opinion provider. To impart quality education to the Undergraduate and Postgraduate students, meeting the highest of standards in vogue.

7. SWASTHAVRITTA

- At the end of the course the students shall be able to explain the concept of health; they should advice an appropriate healthy regimen to patients. They should discriminate various food articles and its usefulness as a diet consultant to the community.
- While serving the community they should identify various conditions that can lead to the spread of communicable diseases and non - communicable diseases and its preventive measures according to Ayurveda and modern medicine with the help of Yoga therapy and Naturopathy. They should understand the principles and components of primary health care and the national health policies to achieve the goal of "Health for All".

8. ROGANIDAN EVUM VIKRITI VIGYAN

- Our aim is to mould a BAMS graduate to be an authority in Rognidan- Vikrutividnyan & make him an Ayurvedic Post graduate with the "Heart of Modern Medicine but a Brain of Ayurved".
- We always strive to make the student to think, understand & learn the philosophy & the ethos of Rognidan & Vikrutividnyan. Our students shall be able to think & explain the etio-pathogenesis (samprapti) of newer diseases & also about other unexplained & unnamed diseases with the help of sound knowledge of "Nidan panchak"& Vyadhi Ghatak. Also they should be able to elaborate Samprapti of each disease with the help of different samhitas & to undertake a detailed comparative study of Ayurved & modern concepts of disease pathogenesis & clinical features. They should study & elaborate the Ayurvedic concepts of vyadhikshamatva, dhatwagnimandya etc. scattered in different samhitas.
- We should enable them to carry out a fine balance between modern laboratory techniques for investigations & traditional skills for clinical diagnosis and they should inculcate the



fine skills in modern laboratory techniques so as to become expert in the diverse fields of hematology, pathology, bio-chemistry, microbiology & histo-pathology.

- Our students should also be well versed in learning other investigations viz. X-rays, U.S.G, C.T. scan, M.R.I., E.C.G., or bedside procedures viz. biopsy, pleural or ascitic tapping. This shall certainly help them achieve our main aim i.e. to enable them to be judicious in their advice regarding carrying out investigations. They shall also learn the required applied knowledge about the importance & significance of all the investigations & diagnostic procedures so as to inculcate in him the ideal clinical methods to examine the patient & to enable him to communicate with the patient in a lucid manner so as to understand both the patient as well as his disease.
- Lastly but not the least to teach him not only the science but also the art of practicing as a humane professional. A learned Ayurvedic degree holder, an able clinician & a successful physician is the one who has mastered Rognidan-Vikrutividnyan.

9. KAYACHIKITSA

- Department takes effort to prepare best clinicians, academicians and socially aware doctors.
- They will be able to perform *trividh, asthavidha pariksha*.
- Department is interested in conducting research in providing cure & care for chronic diseases with the help of Ayurved.

10. PANCHKARMA

- Department is taking effort to guide students to learn authentic Panchakarma Procedures in a Practical way.
- We strive hard to treat chronic disorders by way of Panchakarma Therapy.
- We follow and also study the Standard Operating Procedures while conducting Panchkarma as per Samhita.
- We are proactive in providing all the assistance for creating Educational Material related to Panchakarma e. g. VCD or DVD pattern.

11. PRASUTI EVUM STRI ROGA

- Our aim is to Create able practitioners and not just Degree holders
- Students will be able to achieve cognitive, psychomotor as well as affective domains.
- They will be master consultation and counseling of variety of patients.
- They will learn handling of emergency patients.
- They will get hands on practical training to develop surgical skill.
- They will have to show active participation in conduction of National program



12. KAUMARBHRITYA-BALA ROGA

- Students will get clinical learning experience that will enable the III year BAMS students to be competent in Balrog with special skills in the diagnosis and the management of various disorders affecting newborns, infants and during early childhood and adolescence.
- They will be able to achieve 100% result of Term end theory examination of III B.A.M.S. for Balrog subject.
- They will get Basic Neonatal Resuscitation and ventilation knowledge.

13. SHALYA TANTRA

- They will have the basic knowledge and surgical principles described in Shalya tantra by various Acharyas.
- They will be able to diagnose common surgical diseases according to Ayurveda and Modern medicine
- They will be trained and acquire basic skills to perform varies karmas Agnikarma, Rakta Mokshan, Ksharsutra and Seevan karma (wound suturing)

14. SHALAKYA TANTRA

- Students will be a committed Ayurvedic Surgeon, an open minded researcher, an efficient teacher, an able clinician and a life and sight giving surgeon.
- They will be able to study the Ayurvedic perspectives regarding various surgical ailments and their management in netra, nasa, karna and mukharoga.
- They will be trained and acquire basic skills to perform varies karmas.
- They will learn and master Ayurvedic *Kriyakalpas* viz. *Tarpan, Putapaka, Anjana, Pariseka* etc.
- To carry out research oriented study and practical training of *Kriyakalpas*.
- To become highly efficient in the pre & postoperative treatments & measures.




PRINCIPAL
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