



**CSMSS**  
**Ayurved Mahavidyalaya & Rugnalaya**  
Kanchanwadi, Aurangabad



## Mapping of PO

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**MAPPING OF PROGRAM OUTCOME**

**SAMHITA SIDDHANT**

- Thorough knowledge of Samhitas.
- Practical applicability of basic principles
- Ability to work as individual and member of multidisciplinary team.
- Have sufficient knowledge of the health care system to understand its impact upon the delivery of sustainable health care services.
- Furnished students with accomplish knowledge of Ayurved for higher education (MD & PHD)

**RACHANA SHARIR**

**P O 1.** Understand the meaning and application of the social determinants of health and their implications for the health and healthcare needs of individuals, families and communities.

Grade 01

**2.** Have sufficient knowledge and understanding of human structure and function and behavior to extend this understanding to the management of health and disease.

Grade 03

Study of basic structure of human body with its applied aspects.

**P O 7.** Effective communication

Grade 01

Patient examination , Doctor patient relationship

**P O 8.** Ability to work as individual and member of multidisciplinary team.

Grade 02

Group discussion

Cadeveric dissection

Departmental presentations

**P O 10.** Have sufficient knowledge of the healthcare system to understand its impact upon the delivery of sustainable health care services.

Grade 02

Basic principles of Ayurveda

Sufficient knowledge

**KRIYASHARIR**

- Kriya Sharir describes the application of the fundamental principles of Ayurveda such as Panchamahabhata Siddhanta, Tridosha Siddhanta, Loka purusha siddhanta.
- To develop the ability in the student to give best medical services to the society.
- To define exact terminology of various Ayurvedic concepts like amashaya, gruhani, Undduka, etc with help of modern science.



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- To develop ability in the student for the utility of Ayurvedic concepts such as prakriti, Dhatusarata, Agni, Kostha etc.
- To define objective parameters for each prakriti lakshanas with the help of modern technique for oral temperature measurement for estimation of ushnamukha in pittaprakriti individuals.
- To promote the students for better health of the society with the help of Ayurvedic concepts such as prakriti Dhatusarata, Agni etc.
- To develop research activity in the student by giving short term research project to them.
- To develop skillful Ayurvedic practitioner.
- Study of various instruments which are used for diagnostic purpose.
- To promote the student for practical knowledge of various test like blood examination, Urine Examination, Stool examination etc.
- To create awareness among the people for the prevention of disease with the help of Ayurvedic concepts.

**DRAVYAGUNA VIDNYANA**

- **P O 1.** Understand the meaning and application of the social determinants of health and their implications for the health and healthcare needs of individuals, families and communities.

Grade 01

- **P O 2.** Have sufficient knowledge and understanding of human structure and function and behavior to extend this understanding to the management of health and disease.

Grade 01

To extend understanding to the management of health and disease.

- **P O 3.** Have the appropriate skills and attitudes to provide responsible clinical care within their professional limitations.

Grade 03

Examination of patient.

- **P O 4.** Can demonstrate capacity for continuing self-education and further learning in their chosen field of medicine.

Grade 02

Self-education – can develop pharmacognosy knowledge and cultivation techniques of medicinal plants.

- **P O 5.** Can apply understanding of population health issues to the health needs of individuals, families and communities.

Grade 02

Can impart knowledge of medicinal plants in community .

- **P O 6.** Effective communication

Grade 01

Doctor patient relationship.

- **P O 7.** Ability to work as individual and member of multidisciplinary team.



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Grade 01

Able to work with multidisciplinary team like botany, pharmacognosy, pharmacy.

• **P O 8.** Have the ability and motivation to contribute the advancement of medical and scientific knowledge.

Grade 02

Use of advance technique in study of medicinal plants.

• **P O 9.** Have sufficient knowledge of the healthcare system to understand its impact upon the delivery of sustainable health care services.

Grade 01

**RASSHAstra & BHAISHAJYA KALPANA**

**P O 1.** Understand the meaning and application of the Ayurvedic medicines for social determinants of health and their implications for the health and healthcare needs of individuals, families and communities.

Grade 01

Rasayana Kalpas ( Chavanprash)

Khalviya Rasayanas

Participation in camps

**P O 2.** Have sufficient knowledge and understanding of Herbal and Mineral compounds and its preparations to extend this understanding to the management of health and disease.

Grade 01

Application of medicine in disease

And Adverse effect of herbo mineral drugs

To extend understanding to the Manufacturing and Standardization of drugs.

**P O 3.** Have the appropriate skills and attitudes to provide responsible Ayurvedic Pharmaceutical within their professional limitations.

Grade 03

Drug Preparation and skill development.

**P O 4.** Can demonstrate capacity for continuing self education and further learning in their chosen field of medicine.

Grade 02

Self Practice – can develop methodology to Prepare medicine and business prospective .

**P O 5.** Apply ethical standards of behavior and knowledge of legal responsibilities to professional practice.

Grade 01

Lab- do's and don't

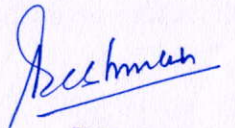
**P O 6.** Can apply understanding of population health issues to the health needs of individuals, families and communities.

Grade 02

Knowledge of epidemic, endemic, pandemic, global pandemic communicable diseases.

Govt. programmes, vaccination



  
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**P O 7.** Effective communication

Grade 02

Doctor patient relationship.

**P O 8.** Ability to work as individual and member of multidisciplinary team.

Grade 01

Participation in Pharmaceutical workshops .

**P O 9.** Have the ability and motivation to contribute to the advancement of medical and scientific knowledge.

Grade 02

Use of advancement in medical science on Ayurvedic parameters.

Develop new technique and formulations of Preparation of medicine.

**P O 10.** Have sufficient knowledge of the Ayurvedic medicines preparation to understand its impact health care services.

Grade 03

Basic of Ayurvedic Medicines

Have sufficient knowledge.

**P O 11.** Grade 02

Knowledge of preventive aspect of various medicine and its uses in lifestyle disorders.

### SWASTHAVRITTA

**P O 1.** Understand the meaning and application of the social determinants of health and their implications for the health and healthcare needs of individuals, families and communities.

Grade 01

Janapaddhwans Vyadhi

Communicable diseases

**P O 2.** Have sufficient knowledge and understanding of human structure and function and behavior to extend this understanding to the management of health and disease.

Grade 0

**P O 3.** Have the appropriate skills and attitudes to provide responsible clinical care within their professional limitations.

Grade 02

Examination of patient. clinical examination , therapeutic yoga and diet --skill development.

**P O 4.** Can demonstrate capacity for continuing self education and further learning in their chosen field of medicine.

Grade 0


**P O 5.** Apply ethical standards of behavior and knowledge of legal responsibilities to professional practice.

Grade 0.

**P O 6.** Can apply understanding of population health issues to the health needs of individuals, families and communities.

Grade 03



  
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Population health issues and health needs and its application in Govt. sector.  
Knowledge of epidemic, endemic, pandemic, global pandemic communicable diseases.  
Govt. programs, vaccination

**P O 7.** Effective communication

Grade 0

**P O 8.** Ability to work as individual and member of multidisciplinary team.

Grade 02

Participation in health -multidisciplinary such as Yoga , Nisargopchar etc. .

**P O 9.** Have the ability and motivation to contribute to the advancement of medical and scientific knowledge.

Grade 02

Use of advancement in medical science on Ayurvedic and yogic parameters.

**P O 10.** Have sufficient knowledge of the healthcare system to understand its impact upon the delivery of sustainable health care services.

Grade 03

Implementation of Basics of Ayurved, yoga ,Naturopathy for serving the society. Knowledge of preventive aspect of various disease including lifestyle disorders

TOTAL GRADE-1

**AGAD TANTRA & V.V.**

a) Understand the meaning & application of the social determinants of health & their implication for their health & health care needs of individuals families & communities.

Have sufficient knowledge & understanding of human structure & function & behaviour to extend this understanding to the management of health & disease.

Have the appropriate skills & attitude to provide responsible clinical care within their professional limitations.

Can demonstrate capacity for continuing self education & further learning in their chosen field of medicine.

Apply ethical standards of behaviour & knowledge of legal responsibility to professional practice.

can apply understanding of population health issues to the health needs of individuals, families and communities.

Effective communication

Ability to work as individual & member of multi- disciplinary team.

Have the ability & motivation to contribute the advancement of medical & scientific knowledge .

Have sufficient knowledge of health care system to understand its impact upon the delivery of sustainable health care services.



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**ROGNIDAN & V.V.**

**P O 1.** Understand the meaning and application of the social determinants of health and their implications for the health and healthcare needs of individuals, families and communities.

Grade 01

Janapaddhwans Vyadhi

Communicable diseases

Participation in camps

**P O 2.** Have sufficient knowledge and understanding of human structure and function and behavior to extend this understanding to the management of health and disease.

Grade 01

Applied anatomy

Applied physiology

To extend understanding to the management of health and disease.

**P O 3.** Have the appropriate skills and attitudes to provide responsible clinical care within their professional limitations.

Grade 03

Examination of patient. clinical and laboratory examination skill development.

**P O 4.** Can demonstrate capacity for continuing self education and further learning in their chosen field of medicine.

Grade 02

Self education – can develop methodology to examine patient and investigation on Ayurvedic parameters.

**P O 5.** Apply ethical standards of behavior and knowledge of legal responsibilities to professional practice.

Grade 01

Bedside patient examination ethics.

Lab- do's and don't

**P O 6.** Can apply understanding of population health issues to the health needs of individuals, families and communities.

Grade 02

Knowledge of epidemic, endemic, pandemic, global pandemic communicable diseases.

Govt. programmes, vaccination

**P O 7.** Effective communication

Grade 01

Patient examination , Doctor patient relationship.

**P O 8.** Ability to work as individual and member of multidisciplinary team.

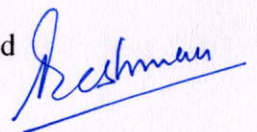
Grade 01

Participation in health camps-multidisciplinary.

Bedside examination individual.

**P O 9.** Have the ability and motivation to contribute to the advancement of medical and scientific knowledge.





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Grade 02

Use of advancement in medical science on Ayurvedic parameters.

Develop new technique of

**P O 10.** Have sufficient knowledge of the healthcare system to understand its impact upon the delivery of sustainable health care services.

Grade 03

Basic of Ayurvedic diagnosis.

Have sufficient knowledge.

**P O 11.** Grade 02

Knowledge of preventive aspect of various disease including lifestyle disorders.

**PRASUTI TANTRA & STREE ROG**

- At the end of B.A.M.S. course the student should be able to know the “Anatomy & Physiology” of reproductive system of male & female.
- To prepare the dr. with sound knowledge, skills & the right attitude towards Medical profession.
- To prepare competent dr. theoretically & practically.
- To concrete fundamental knowledge of consult subject.
- To give evidence based knowledge.
- To change in behavior.
- To start thinking in holistic & right way.
- To communicate skill fully with patients & relatives.
- To display multiple skills & qualities.
- To develop value education system.
- To develop effective leadership.

**KAUMARBHRITYA.**

- Understand the basic concept of Kaumarbhritya, growth & development of child, diseases, investigation & treatment in Pediatric age group.
- Have sufficient knowledge of Pediatric systemic examination, system functions & systemic management.
- Have the appropriate skill development & attitude to provide responsible clinical care with their professional limitations.
- Can demonstrate capacity for continuing self education & further learning in their field of speciality.
- Apply ethical standards of behavior & knowledge of legal responsibilities for professional practice.



*J. B. Chandra*

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### SHALYATANTRA

- U.G. of shalyatantra should be able to understand intervention and extent of shalyachikitsa.
- Shalyatantra student should be able to diagnose surgical entities.
- Should be able to perform minor surgical procedures in their clinics.
- Should be able to use all the parasurgical procedures innovatively and creatively effectively.

### SHALAKYATANTRA

**P O 1.** Understand the meaning and application of the social determinants of health and their implications for the health and healthcare needs of individuals, families and communities.

Grade 01

Various national programmes related to eye , ENT for ex. Blindness, deafness, oral malignancies and other senile diseases.

Communicable diseases like Abhishyanda, corneal infections, URTI IN CHILDREN

Participation in camps at institute level, state level, ayush camps.

**P O 2.** Have sufficient knowledge and understanding of human structure and function and behavior to extend this understanding to the management of health and disease.

Grade 01

Applied anatomy of eye, ENT, orodentistry , shir.

Applied physiology of vision, hearing, of all sense organs.

Urdhwajatrugat MARMA study.

To extend understanding to the management of health and disease.

**P O 3.** Have the appropriate skills and attitudes to provide responsible clinical care within their professional limitations.

Grade 01

Clinical Examination of patient of Eye, ENT, orodentistry for precise diagnosis of diseases.

clinical examination skill development, counseling of the patients for assurance.

Education about the preventive aspects of Urdhwajatrugat vyadhi.

To facilitate the use of different diagnostic tools or equipments related to shalakyatantra.

**P O 4.** Can demonstrate capacity for continuing self education and further learning in their chosen field of medicine.

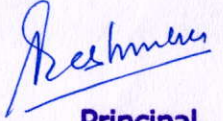
Grade 01

Self education – can develop methodology to examine patient and investigation on Ayurvedic parameters.

Can develop the abilities to practice the speciality concept of shalakyatantra in day to day practice.

**P O 5.** Apply ethical standards of behavior and knowledge of legal responsibilities to professional practice.



  
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Grade 01

Bedside patient examination ethics.

Code of conduct during treatment of patients..

**P O 6.** Can apply understanding of population health issues to the health needs of individuals, families and communities.

Grade 02

Knowledge of epidemic, endemic, pandemic, global pandemic communicable diseases.

Govt. programmes, Blindness control, Deafness rehabilitation program, Awareness about the oral malignancies,

Education of society related to oral health.

**P O 7.** Effective communication

Grade 01

Patient examination , Doctor patient relationship.

Develop good communication skill during examination and treatment

**P O 8.** Ability to work as individual and member of multidisciplinary team.

Grade 01

Participation in health camps-multidisciplinary.

Bedside examination individual.

Treatment of patients individually and as a part of team.

**P O 9.** Have the ability and motivation to contribute to the advancement of medical and scientific knowledge.

Grade 01

Motivation of students for research, publication and practice Evidence Based Medicine (EBM) .

Use of advancement in medical science on Ayurvedic parameters.

Develop new technique of kriyakalpa.

**P O 10.** Have sufficient knowledge of the healthcare system to understand its impact upon the delivery of sustainable health care services.

Grade 01

Basic of Ayurvedic and modern diagnosis.

Have sufficient knowledge regarding Ent, ophthalmology and orodentistry practices.

**P O 11.** Grade 01.

Knowledge of preventive aspect of various disease including lifestyle disorders.



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**KAYACHIKITSA.**

**P O 1.** Understand the meaning and application of the social determinants of health and their implications for the health and healthcare needs of individuals, families and communities.

Grade 01

Principles of Management of diseases of Environmental factors

General Principals of YOGA

Rasayan

Vajikaran

**P O 2.** Have sufficient knowledge and understanding of human structure and function and behavior to extend this understanding to the management of health and disease.

Grade 01

Shata-Kriyakala

Dvididha Upakrama, Shadvidha Upakrama

Vruddhi-Kshaya of Dosha, Dhatu, Mala

Detailed Description of Shodhan and Shaman

Nidan - Parivarjana

**P O 3.** Have the appropriate skills and attitudes to provide responsible clinical care within their professional limitations.

Grade 01

Evaluation of the causes, sign and symptoms, diagnosis and Management – theoretical and practical aspect of all diseases are the part and parcel of our subject.

**P O 4.** Can demonstrate capacity for continuing self-education and further learning in their chosen field of medicine.

Grade 01

Our subject provide huge scope for self-education and development by means of practicing either of Shodhana and Shamana Chikitsa or both simultaneously.

**P O 5.** Apply ethical standards of behavior and knowledge of legal responsibilities to professional practice.

Grade 02

Chikitsa Chatushpad – Qualities of Vaidya, and Medicines are clearly mentioned.

Iatrogenic disorders.

Knowledge of Achara Rasayana.

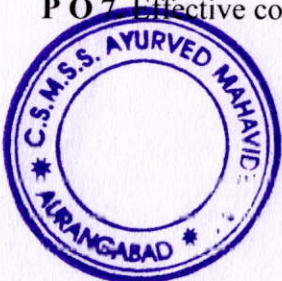
**P O 6.** Can apply understanding of population health issues to the health needs of individuals, families and communities.

Grade 02

National Health Programme

Vardhakyajanit Vikara

**P O 7.** Effective communication



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Grade 03

Trividha Parikshana – Prashna pariksha.

**P O 8.** Ability to work as individual and member of multidisciplinary team.

Grade 01

Our subject not only covers various aspects like – diagnosis, prevention and treatment of various diseases but also takes care of the physical as well as mental health of the society. It also enables the scholar to actively participate in various National Health programmes.

**P O 9.** Have the ability and motivation to contribute to the advancement of medical and scientific knowledge.

Grade 01

Our subject envelops both Ayurved as well as Modern aspect of all the body systems and their diseases.

**P O 10.** Have sufficient knowledge of the healthcare system to understand its impact upon the delivery of sustainable health care services.

Grade 01

Curative and Prevention Knowledge along with Apunarbhav Chikitsa, Rasayana Chikitsa are the core part of our subject.

**P O 11.** Knowledge of preventive aspect of various disease including lifestyle disorders.

Grade 01

Separate chapter on metabolic disorders like – Diabetes, Obesity, Nutritional deficiencies disorders, Occupational health hazards. Mental Disorders – Depression, Anxiety.

### PANCHAKARMA

- Basic concept of Samhitas Use of library
- Awareness of public health problems and its solutions Support to National programme.
- Using new technology and Panchakarma procedures. Work in multi-disciplinary team
- Lifelong learner attitude Use of Bio-Science
- Competent to do Public work
- Develop financial competence



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