**PROGRAM OUTCOMES(PO),PROGRAM SPECIFIC OUTCOMES(PCO), COURSE OUTCOMES(CO)**

1. **Mechanism of Communication:**

 YMTAMC has clearly stated learning outcomes of the Programs and Courses. The

following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students.

Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students.

Soft Copy of Curriculum and Learning Outcomes of Programs and Courses are uploaded to the Institution website for reference.

The importance of the learning outcomes has been communicated to the teachers in every IQAC Meeting and College Committee Meeting.

The students are also made aware of the same through Parent Teacher Meetings.

1. **COURSE OBJECTIVES :**

Under supervision from Expert Faculty Students will address the following:

1. Fundamentals ofayurvedicbasic concepts.
2. Practical based learning.
3. Patient care and procedure skills.
4. Interpersonal communication skills.
5. Professionalism .
6. System based practice .

**Course structure :**

**Duration-5.5 yrs**

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| **Course** | **Duration**  | **Subjects** |
| **I B.A.M.S.-** | **1 year** | **Sharir rachana****Sharir kriya****Sanskrit****Padarth vigyan****Ashtang sangraha.** |
| **II B.A.M.S.** | **1 year** | **Dravyagunavigyan****Rsasshastra-Bhaishajya kaplana****Rognidan And Vikruti vigyan****Charak samhita(Purvardha)** |
| **III B.A.M.S.** | **1 year** | **Agadtantra****Strirog –Prasuti tantra****Balrog****Swastavrutta****Charak samhita(Uttaraardha)** |
| **IV B.A.M.S.** | **1.5 year** | **Kaychikitsa****Shalya tantra****Shalakya tantra****Panchakrma****Research Methodology and medical statistics** |
| **Internship** | **1year** |  |

**Course outcomes(co):**

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| **Courses for Under Graduate Students(Bachelor of Ayurved Medicine And Surgery-BAMS)** |
|  **Course Outcomes** |
| **BAMS Ist yr.** | 1. Identification of normal anatomy and histology of major tissues, organs and systems, by modern and ayurvedic perspective.
2. Thorough knowledge of normal physiology of major tissues, organs and systems of the human body, by modern and ayurvedic perspective.
3. Acquire Profound knowledge of Ayurvedic terminology and basic principles of ayurveda.
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| **BAMS IInd yr.** | 1. Obtain the basic principles of pharmacology and dravyaguna
2. Obtain detail pharmacognostical knowledge of drugs
3. Obtain an accurate clinical history ,Covering all aspects of patients.
4. Perform accurate physical and behavioral health examination of patients.
5. Formulate a prioritized differential diagnosis for chief presenting complaints.
6. Interpretation of information from diagnostic imaging laboratory test and pathological evaluations of common conditions.
7. Attainment of detail knowledge of etiopathogenesis of diseases , by modern and ayurvedic perspective.
8. Well acquainted with the principles of pharmaceutics and Rasashashtra Bhaishyajyakalpana
9. Skill development in Herbal and Herbomineral preparations of Ayurveda
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| **BAMS IIIrd yr.** | 1. Obtain the basic knowledge of forensic medicine, toxicology and agadtantra
2. Enable the students to gain knowledge about preventive care by modern view and Ayurvedic view - Diet, Dincharya, Ritucharya and Yoga.
3. Develop competence in diagnosis , treatment and therapeutic procedures of gynecological and obstetrical conditions ,by modern and ayurvedic perspective.
4. To acquire sound comprehension of diagnosis , treatment and therapeutic procedures of Pediatric conditions ,by modern and ayurvedic perspective.
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| **BAMS IVth yr.** | 1. Construct and present a clinical assessment and treatment plan according to the patients diagnosis.
2. Identification and learning the management of critical medical conditions.
3. Theory knowledge of common diagnostic and therapeutic procedures.
4. Acquire appropriate knowledge of Surgical conditions & Surgerical procedures from modern and ayurvedic perspective.
5. Enable the students to diagnose and manage majority of conditions in Ophthalmology and ENT, by modern and ayurvedic perspective.
6. Acquire detail knowledge of various procedures and their application in various diseased conditions in Panchakarma .

 7.To know the basic principles of Research Methodology and Medical Statistics. |
| **INTERNSHIP**  | Perform and documentation of common diagnostic and therapeutic procedures. |

**PROGRAMME OUTCOMES (PO)**

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|  **BAMS**  |
| **PROGRAMME OUTCOMES (PO)** | 1. This program could provide well trained professionals of Ayurveda in Healthcare Area.
2. The graduate will get hands on experience in various aspects acquiring skills for general practice , ayurveda practice , medical officer ,panchakarma practice , health officers and consultants in ayurvedic pharmaceuticals, research fellowship.
3. After successful completion of program the Graduate is ready to prepare for various competitive exam for Post Graduation course admission.
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| **PROGRAMME SPECIFIC OUTCOMES (PSO)** | After the successful completion of program the Graduate will be expert in-Patient care and procedure skills, Medical knowledge , practice based learning , interpersonal and communication skills and professionalism to become a successful practitioner who will provide services in Healthcare sector of rural and urban areas. |

**Courses for Post Graduate Students (MD/MS Ayurveda)**

**Duration- 3years.**

**Post Graduation courses are available in following subjects :**

1. **Sharir Rachana**
2. **Sharir Kriya**
3. **Samhita sidhant**
4. **Dravyaguna vigyan**
5. **Rasashashtra Bhaishyajya kalpana**
6. **Rognidan and vikriti vigyan**
7. **Agadtantra**
8. **Shalyatantra**
9. **Shalakyatantra**
10. **Streerog avum prasuti tantra**
11. **Kayachikitsa**
12. **Panchkarma**

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| **Doctor Of Medicine in Ayurveda-MD/Master of Surgery in Ayurved-MS**  |
| **PROGRAMME OUTCOMES (PO)** | At the end of the course, upon successful completion of the training and passing the examination the student is expected to :1. Keep abreast of the current knowledge and the recent advances in their respective fields by self learning and participating in continuing medical education programmes.
2. Understand the functional principles of ayurveda and their specialty subjects.
3. Develop reasonable understanding of the recent advances in the allied subjects in the institution and be able to offer consultation to the other department.
4. Acquire thorough knowledge of respective specialty subject.
5. Prepare for entrance exams for PhD courses.
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| **PROGRAMME SPECIFIC OUTCOMES (PSO)** | 1. Demonstrate sufficient understanding of knowledge in specialty subjects
2. Confident of performing common procedures
3. Confident to deliver a lecture to UG students.
4. Work as an expert in their specialty subjects
5. Develop skill in scientific writing necessary for publishing their research in internationally recognized peer viewed journals
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**Courses for PhD**

**PhD courses are available in following subjects :**

1. **Samhita sidhant**
2. **Dravyaguna vigyan**
3. **Rasashastra Bhaishajya kalpana**
4. **Rognidan and vikriti vigyan**
5. **Agadtantra**
6. **Shalyatantra**
7. **Streerog avum prasutitantra**
8. **Panchkarma**

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|  **PhD – 3 years.** |
| **PROGRAMME OUTCOMES (PO)** | At the end of the PhD course, the researcher is expected to:1. Develop students originality and creativity in their research
2. Enable the student to critically examine the background literature relevant to their specific research areas
3. Develop skills in written work, oral presentation and publishing the results of their research in high profile scientific journals.
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| **PROGRAMME SPECIFIC OUTCOMES (PSO)** | 1. Have a thorough knowledge of the literature and a comprehensive understanding of scientific methods and techniques applicable to their own research.
2. Have develop the ability to evaluate current research, research techniques and methodologies
3. Have gain oral presentation and scientific paper writing skills

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| **COURSE OUTCOME** | Develop a knowledge of the specific topic in depth research point of view. |

**Courses for Fellowship**

**Fellowship courses of one year are available in following subjects :**

1. Kshar sutra chikitsa
2. Panchkarma therapy
3. Women and maternal health care management
4. Child health care management
5. Preventive Cardiology
6. Yoga therapy

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|  **Fellowship courses (One Year)**  |
| **PROGRAMME OUTCOMES (PO)** | At the end of the course, upon successful completion of the training and passing the examination the student is expected to :1.Acquire thorough knowledge of respective fellowship specialty subject.2.Develop skills in performing the specialty procedures. |
| **PROGRAMME SPECIFIC OUTCOMES (PSO)** | 1.Demonstrate sufficient understanding of knowledge in specialty subjects.2.Confident of performing common relevant procedures .  |
| **Course outcome** |  Expertisation in the concerned subject and practice in clinics and hospitals. |