

KERALA UNIVERSITY OF HEALTH SCIENCES

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Date : {AUTOGENDATE}

Prospectus 2023-2024

M.Sc. VRIKSHAYURVEDA

By

**School of Fundamental Research in
Ayurveda**

Vaikom Road, Tripunithura 682301

Affiliated to

Kerala University of Health Sciences

1. Center conducting the course: School of Fundamental Research in Ayurveda

The University Act Chapter II section 6 (viii), contemplates that University may establish study centers at such other places in the state of Kerala with the approval of the Governing council. The School of Fundamental Research in Ayurveda (KUHS) was suggested as an institution to conduct research in Ayurveda and train Ayurveda faculties in research. Following this recommendation, the Governing Council of the University decided to establish the School of Fundamental Research in Ayurveda in Tripunithura. The school is located at Kizhakkokotta, Tripunithura, Ernakulam and is successfully conducting Research projects, MPhil courses, Certificate courses and training programs for the faculty, postgraduates and Undergraduates of Ayurveda. The school has a Professor, two Associate Professors, one assistant professor and one Assistant Section Officer along with adjunct professors from institutions of excellence within the country. Many expert faculties have expressed their willingness to serve as visiting faculty for the school.

2. Description of the course

The M.Sc. Course in Vrikshayurveda is a course that will be conducted at the School of Fundamental Research in Ayurveda, Tripunithura. This is a specialized program integrating Ayurvedic principles with Agricultural practices which focuses both theoretical and practical foundations of Vrikshayurveda. Students gain insights into sustainable agriculture, biodiversity preservation, and holistic plant cultivation. The degree equips graduates for careers in natural agriculture, emphasizing environmentally friendly practices and the application of ancient Ayurvedic principles to contemporary life. Overall, it provides a unique and comprehensive understanding of the interconnectedness of health, agriculture, and the environment.

The objectives of the course:

The objective of the M.Sc in Vrikshayurveda is to provide students with a deep understanding of the integration between Vrikshayurveda, traditional Ayurvedic knowledge and modern Agricultural practices, specifically within the context of plant biology and agriculture. The course aims to:

1. Integrate Ayurvedic Principles: Combine ancient wisdom from Ayurveda and Vrikshayurveda with contemporary modern Agricultural practices to create a comprehensive approach to understanding plant life, health, and environmental sustainability.
2. Equip with Theoretical Foundations: Provide students with a strong theoretical foundation in modern Agricultural practices, enabling them to apply scientific principles to the study of plants and ecosystems.
3. Develop Practical Skills: Offer hands-on training and practical skills in Vrikshayurveda, ensuring that students can apply their knowledge to real-world scenarios, particularly in sustainable agriculture.
4. Promote Holistic Approaches: Foster a holistic perspective on plant cultivation, emphasizing the interconnectedness of plants, soil, climate, and human well-being. Encourage an integrated approach to agriculture that considers environmental impact.
5. Raise Awareness of Conservation: Increase awareness of the importance of conserving natural resources, promoting biodiversity, and adopting sustainable practices in agriculture.
6. Prepare for Natural Agriculture Careers: Equip graduates with the knowledge and skills necessary for a career in natural agriculture, where they can contribute to environmentally friendly and ethical farming practices.

7. Bridge Traditional and Modern Knowledge: Act as a bridge between traditional Vrikshayurveda practices and contemporary Agricultural practices, encouraging a synthesis of ancient wisdom with modern advancements.

Who shall be benefited from the course?

- Those passionate about environmental conservation and biodiversity,
- Those with a general interest in holistic approaches to health, agriculture, and the environment
- Those who are interested in taking up research based on Vrikshayurveda,
- Those interested in starting businesses or initiatives related to natural and sustainable agriculture

3. Eligibility for admission

Candidates with BAMS degree from KUHS or equivalent to thereto. The maximum age limit of the candidate shall be fifty years as on the forthcoming date of December 31st.

4. Mode of selection:

The selection is merit-based with an Entrance examination for 150 marks of 3 hours' duration (150 questions with one mark for each question), conducted by the KUHS. All are objective type questions. The portions include the Basics of Ayurveda, Dravya Guna Vijananam, Rasa Sastra and Bhaishajya Kalpana and General Traditional Agricultural Practices in Kerala (Distribution of question for the entrance examination from these 4 subjects will be approximately 60:15:15:10 percentages each). The validity of the select list will be for one month from the date of starting the course.

5. The number of seats Per year: 10.

6. Reservation of seats

As stipulated by Government of India/Government of Kerala from time to time.

7. Application fee & Course Fee:

The application fee for the Course is Rs1500/-. The course is designed as a two-year regular course. The total duration is two academic years. The total course fee is Rs.30000/- per academic year. The fee shall be remitted as a lump sum per year. The Examination fee should be remitted separately to the University as per direction from the University from time to time. Also, a bond shall be executed and Rupees One lakh plus the remainder of the Course fee shall be paid as Liquidated damages in the event of discontinuation without time to fill up the seat by another eligible candidate. In case, the seat is taken by another candidate, the fee paid will be refunded forfeiting 10% as processing charges.

8. The medium of instruction:

The medium of instruction and examination will be English.

9. Attendance and course period: This is a full-time course with contact classes and practicals

The duration is two academic years. The maximum duration permitted for the completion of the course is 4 years (double the duration).

1. Minimum 80% attendance is a must for appearing for the final exam.
2. The dissertation should be submitted one month before the registration for the final University examination.

10. Duration permitted for completion of the course

Two academic years as full time contact learning methods, for completion of total 1544 learning hours per year (386 hours for each paper theory and practical 175 hours during first and second year (6 hrs. from 10 am-5 pm/day excluding 1 hr. lunch break for 64 days per year).

Project (Dissertation) work: The planning of this will be started from the first year after the contact classes. The candidate along with the Guide, who will be a permanent or deputation faculty of SFRA, will identify the topic of dissertation and finalize it by the end of six months of the start of the course and the protocol need to be approved before the start of the study.

Assessment: (Examinations):

Formative evaluations (Internal assessment): One internal assessment per year will be conducted.

Summative evaluations (Final Examinations): The final summative examination will be conducted by KUHS after submission of the dissertation.

Procedure for submission of applications: The applications shall be submitted to the University on or before **the date announced by the University**. The provisional date for entrance examinations will be **notified**. The candidates will be permitted to appear for the examination after scrutiny of applications in the University. The results of the entrance test will be published on the University website. The candidates eligible for admission will be intimated after preparing the merit list.