

Regulations
for Courses affiliated to the
Kerala University of Health Sciences
Thrissur 680596

M.Sc. MRIGAYURVEDA

Course Code:

(2023-24 Academic year onwards)

2023

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1. GENERAL REGULATIONS

Name of the course which come under these Regulations include:

1. M.Sc. Mrigayurveda

1.1 Eligibility for Admission

- a. A candidate must possess BAMS degree from recognized University.
- b. A candidate should qualify an Entrance Examination as per the existing Rules of Kerala University of Health Sciences

1.2 Mode of selection to the course

The selection of students for the Ayurveda M.Sc. course shall be made based strictly on merit as decided by the Kerala University of Health Sciences fromtime to time.

1.3 Number of seats in one unit of admission:

Number of seats in one unit of admission will be 10.

1.4 Reservation of seats

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

1.5 Minimum Academic Requirements for conduct of course

Only a Department, defined as an independent academic entity of a teaching Institution, having the minimum facilities as per Norms of the KUHS shall be permitted to commence the training programme to qualify for the award of M.Sc.

Minimum requirements for conducting a M.Sc. Course, bed strength in clinical Department, facilities in out-patient Departments, laboratory facilities, equipment, prescribed strength of faculty, number of students to be admitted are in accordance with provisions given in the Regulations of KUHS in force time to time.

1.6 Registration of students to university

The KUHS shall admit students to Ayurveda M.Sc. courses to the institutions affiliated/ recognized by KUHS for that particular course.

- a) Every College/ Institution shall upload the basic details of the admitted students on or before 12.00 midnight on the cut-off date notified by KUHS in accordance with the decisions from time to time. The Principal/Head of the Institution shall be responsible for the contents in the statements.
- b) A candidate on admission to the Ayurveda M.Sc. course shall apply to the University for Registration by making a formal application in the prescribed format along with:
 - I. Original degree certificate and marklists of qualifying examination.
 - II. Original Registration certificate from Kerala State Medical Council , if applicable
 - III. Allotment letter from the competent authority.
 - IV. Eligibility and migration certificate wherever needed.
 - V. Original SSLC/equivalent certificate to prove age and date of birth.
 - VI. Transfer certificates from the previous institution.
 - VII. The fees prescribed for the course.
 - VIII. For students under Socially and Educationally Backward Community (SEBC), valid non-creamy layer certificate from competent authority issued before the date of admission, along with caste certificate (wherever applicable).
 - IX. Caste Certificate issued by the competent authority for students under the SC & ST Category (wherever applicable).
 - X. Any other documents as prescribed by KUHS from time to time.

1.7 Fees:

As stipulated by the KUHS from time to time.

1.8 Medium of instruction

Medium of instruction and examinations shall be English.

1.9 Attendance and course period

- The period of training for obtaining M.Sc. courses shall be 2 completed academic Years [(365 x 2 days or 24 months)] including the period of examination.
- On completion of each year (365 days) each resident shall be promoted to the next year by the Head of Institution on recommendation of the Head of Department.
- The M.Sc. students are eligible for 20 days' casual leave in an academic year and it cannot be carried over to the next year. Any leave taken above this will have to be compensated by extension of course in the corresponding year.
- For appearing for University examination candidate should secure 80% attendance in each academic year. The provisional/ permanent M.Sc. certificate shall be issued only after obtaining the course completion certificate from Head of concerned institution.
- **Special Situation** – *The students who had extension of course due to more than 20 days leave in the first and second year the attendance of the final year will be calculated on the date of uploading in such a way that, they should have 80% attendance of the number of days completed by the students in final year without extension. For example, if a student without any course extension, in the final year M.Sc completes 320 days in the final year on the date of uploading of attendance, he should have 256(80%) days of attendance to write the examination. A student having extension also shall have a minimum of 256 days in the third year to write the examination. They will have to complete the course of 365 days even after examination excluding 20 days of casual leave. This is to ensure that a student undergo three years course completely without any break.*

1.10 Condonation of shortage of Attendance

No Condonation of shortage of attendance is granted for M.Sc. courses.

1.11 Leave, Holidays etc.

As prescribed by the KUHS from time to time. See clause 1.9

1.12 Monitoring Learning Progress:

It is essential to monitor the learning progress of each candidate through continuous appraisal and regular assessment. It not only helps the teachers to evaluate the students, but also gives an opportunity for the students to evaluate themselves. The monitoring shall be done by the department based on the participation of students in various teaching / learning activities. It may be structured and assessment be done using checklists that assess various aspects.

The learning outcome to be assessed should include:

- (i) Personal Attitudes,
- (ii) Acquisition of Knowledge,
- (iii) Practical and laboratory skills and
- (iv) Teaching skills.

i) **Personal Attitudes.** The essential items are:

- Caring
- Initiative
- Organizational ability
- Potential to cope with stressful situations and undertake responsibility
- Trust worthiness and reliability
- Understanding and communicating intelligibly with patients and others
- Behaving in a manner which establishes professional relationships with patients and colleagues.
- Ability to work in team
- A critical enquiring approach to the acquisition of knowledge

The methods used mainly consist of observation. It is appreciated that these items Require a degree of subjective assessment by the guide, supervisors and peers.

ii) **Acquisition of Knowledge:**

The methods used comprise of 'Log Book' which records participation in various teaching / learning activities by the students. The number of activities and the presentations are made are to be recorded. The log book should periodically be evaluated by the supervisors.

Journal Review Meeting (Journal Club):

The assessment is made by the faculty members and peers attending the meeting

using a checklist.

Seminars/Symposia: The topics should be assigned to the student well in advance to facilitate in depth study. The ability to do literature search, in depth study, presentation skills and use of audio- visual aids are to be assessed using a checklist

Clinico-pathological conferences (Where applicable): This should be a multidisciplinary case study of an interesting case to train the candidate to solve diagnostic and therapeutic problems by using an analytical approach. The presenter(s) are to be assessed using a check list similar to that used for seminar.

Medical Audit (Where applicable): Periodic morbidity and mortality meeting beheld.

Attendance and participation in these must be insisted upon.

iii) **Practical and Laboratory skills**

Day to Day work: Skills in outpatient and ward work should be assessed periodically. The assessment should include the candidates' sincerity and punctuality, analytical ability and communication skills

Clinical meetings: Candidates should periodically present cases to his peers and faculty members. This should be assessed using a check list

Procedural skills: The candidate should be given graded responsibility to enable learning by apprenticeship. The performance is assessed by the faculty by direct observation. Particulars are recorded by the student in the logbook.

iv) **Teaching skills:**

Candidates should be encouraged to teach undergraduate medical students and paramedical students, if any. This performance should be based on assessment by the faculty members of the department.

v) **Periodic tests:**

The concerned departments may conduct two tests, one at the end of first year and the other in the third quarter of the second year. The tests may include written papers, practical/clinical and viva voce.

Log Book- Every candidate shall maintain a log book to record his/her participation in the training programmes conducted by the department such as journal reviews, seminars, etc. Special mention may be made of the presentations by the candidate as well

As details of clinical or laboratory procedures, if any conducted by the candidate.

vi) Records:

Records, log books and marks obtained in tests should be made available to the University as and when required.

1.13 Transfer during course

Transfer of students undergoing any Ayurveda M.Sc. course shall not be permitted under any circumstances

1.14 Duration permitted for completion of the course

The duration of the course is two years.

The course shall be successfully completed within double the duration of the stipulated period of the course (i.e. four years).

1.15 Internal assessment [Conducted by College]

Not applicable.

1.16 Examinations

AS per KUHS Academic Regulations

a) Thesis/ Dissertation /Project

The process of submission of synopsis, conduct of the research, submission and evaluation of thesis/dissertation/project shall be governed by the guidelines issued by the KUHS in this respect.

1.17 Criteria for pass

- The M.Sc. examination consists of theory and practical /clinical including viva and the candidate should pass both components simultaneously i.e. theory, practical/clinical including viva simultaneously. A candidate who has secured minimum of 50 percent marks for theory examination (40 percent separate minimum for each theory paper) and 50 percent separately for Clinical/ Practical including viva shall be declared to have passed the examination.
- If a candidate fails in a particular examination either in theory only or practical /clinical including viva or both together, he/she shall appear for both theory, practical /clinical including viva in the subsequent examination.

1.18 Grace Mark

No Grace mark is awarded for M.Sc. Courses.

1.19 Criteria for promotion to next year

Not applicable

1.20 Carry over benefit

Not applicable.

1.21 Issuance of Mark List and Certificates

Consolidated marklist will be issued by the University on request and on remittance of the requisite fee. Provisional degree certificate will be issued after successful completion of the course and final degree certificate will be issued after convocation

1.22 Declaration of class

Below 50%	Failed
50% to below 65%	Passed with Second Class
65% to below 75%	Passed with First Class
75 %and above	First Class with Distinction

1.23 Declaration of rank

- a) First, Second and third rank holders shall be declared by the KUHS.
- b) The total number of students attending the examination shall be specified in the rank certificate.
- c) Rank will not be granted for students clearing exams in supplementary examinations.
- d) Rank shall be granted to only those students successfully completing the course in the minimum duration of the course and passing the same in the regular examination of that year.

1.24 Attempt/ Chance

If a student registers for an examination and fails to attend the whole examination, that appearance will not be considered as an attempt/chance.

1.25 Partial Appearance in Examination

Partial appearance is not permitted.

1.26 Condonation of Break of Study

1. A Candidate who discontinues the course is eligible for Condonation of Break of as given below:
2. If a candidate is not appearing in the College for more than six months, he /she, on the recommendation of the Head of the Institution should get permission from the University for Condonation of Break of Study.
3. Break of study of genuine medical ground or similar genuine ground can be condoned on recommendation of Dean of Faculty of Ayurveda. The candidate may be permitted to re-join the same course in the same institution at the point where she/he left subject to the condition that the entire duration of the course starting from the date of original joining to the possible end of the course does not exceed double the duration of the course. The period of break of study thus condoned shall be excluded while calculating the maximum period prescribed for passing a course.

1.27 Internship

Not applicable.

1.28 Transcript

The official transcript shall be issued in the model format approved by the University or the requesting agency by the Head of the Institution where candidate studied. The University will endorse the same only if specifically requested.

1.29 Stipend

As per the norms of the KUHS made from time to time.

1.30 Eligibility for award of Degree

A candidate who passes examinations of the entire subjects of the course shall be eligible for the award of degree during the ensuing convocation. Degree is awarded by the Ayurveda faculty of the University.

Note: Wherever these Course Regulations are silent on any particular aspect of this Course, the stipulations made in the Academic Regulations of KUHS shall apply mutatis mutandis

**SYLLABUS
for Courses affiliated to the
Kerala University of Health
Sciences
Thrissur 680596**



M.Sc. MRIGAYURVEDA

Course Code:

**(2023-2024 Academic year
onwards)**

2023

2. COURSE CONTENT

2.1 Title of course and description:

M.Sc. Mrigayurveda

2.2 Objectives:

- Livestock continue to be an important source of livelihood for human in rural India.
- Health of the animals are maintained by Natural resources, if we preserve and promote this knowledge, it will be beneficial to Rural India.
- Ayurveda graduates are eligible for admission.
- A new field of Health care management will be opened for aspirants of Ayurveda graduates.
- Job opportunities will be more.

2.3 Medium of instruction:

The medium of instruction of the course is English

2.4 Course outline

a. The student shall have to undergo a study for a period of two completed years including the examination period.

b. The students shall have to attend at least 80% in theory and practical of total lectures and practicals and seminars to become eligible for appearing in the examination, every year as prescribed by KUHS.

c. The students shall have to perform duties as may be assigned to them during the course of study.

d. The students shall have to attend special lectures, demonstrations, seminars, Study tours and such other activities as per curriculum prescribed programme.

e. The students shall participate in all the teaching and training programmes and other activities of the Department.

f. The institution shall conduct at least one Seminar in a week and every student should participate in that Seminar. Every student shall make presentation on identified subject and at least ten seminars should be presented to make eligible to appear in the final year examination.

2.5 Duration

2 years.

2.6 Subjects

Given under curriculum clause no.2.10

The concept of health care counseling shall be incorporated in all relevant areas.

2.7 Total number of hours

Given under curriculum Clause No 2.10

2.8 Branches if any with definition

Not applicable

2.9 Teaching learning methods

Lecture classes, completion works, seminars, paper presentations, group discussions, assignments, clinical / lab training etc.

2.10 Content of each subject in each year

(The changes proposed by the Apex Council of Ayurveda shall be incorporated in this syllabus as and when the same is notified by the Apex Council)

First Year

Theory (Two Papers) – Maximum Marks - 100 Each Practical (One) - Maximum Marks - 100

**PAPER – I
Mrigayurveda**

**Theory – 100
Marks**

1. History of Veterinary medicine
2. Fundamentals of Ayurveda
3. Maharogasthana
4. Kshudra rogasthana
5. Uttara rogasthana
6. Disease of farm animals and general management
7. Disease of horse
8. Disease of elephant
9. Common diseases of cattle
10. Ethno veterinary treatments
11. Research Methodology
12. Bio Statistics

Reference

1. Palakapya Samhita
2. Shalihotra Samhita

3. Charaka Samhita sidhistana
4. Surutha and Harita Samhita relevant portions
5. Ethno veterinary medicine
6. Fielding,D. (1998) Ethnoveterinary medicine in the tropics- Key issues and the way forward.

Paper II

Basics of veterinary medicine

1. Veterinary Anatomy
2. Animal Genetics and Breeding
3. Veterinary Physiology and Biochemistry
4. Veterinary Pharmacology and Toxicology
5. Veterinary Parasitology
6. Veterinary Microbiology

Practical

1. Bones of axial skeleton of ox as a type and their comparison with those of horse, dog, pig and poultry,
2. Preparation of tissues for light microscopy using different fixatives, Different staining methods for routine light microscopy, Frozen sectioning techniques and staining methods for enzymes, carbohydrates, lipids, proteins, pigments etc.
3. Histology : 1 Epithelium 1 Connective tissue 2, Cartilage- Hyaline, elastic, fibro cartilage 3, Bone- Compact bone- C.S & L.S 4, Muscles- Skeletal, Smooth, cardiac
4. Reactions of Carbohydrates : Glucose ,Fructose,Lactose,Sucrose Proteins : Precipitation of Proteins Proteins: Color reactions Reactions of Albumin Reactions of Urea,Uric acid &Creatinine
5. Collection of blood samples, Anticoagulants , Collection of 24 hour urine sample and Urine preservatives Principles of colorimetry Estimations of levels of glucose, urea, creatinine, total protein and albumin in blood
6. Parasitology stool examination Identification of parasites of medical importance dealt in the theory • Macroscopic and microscopic examination of stool for adult worms, ova, cysts, larvae • Concentration techniques for intestinal parasites in stool
7. Demonstration of different staining techniques in microbiology.

Reference

- i. Bovine Anatomy: An Illustrated Texts
- ii. Richard J. Aspinall and Victoria Aspinall
- iii. Theory and Practice of Animal Taxonomy and Biodiversity
- iv. Vijay Chandra Kapoor
- v. Textbook of Veterinary Microbiology
- vi. S. C. Adlakha and S. Sharma
- vii. [Introduction to Veterinary Anatomy and Physiology Workbook](#) Sally J. Bowden

Second year

Paper III

Ayurveda Dravya & Bhaishajya

1. Ayurveda basic of roganidana
2. Ayurvedic management principles
3. Dravyaguna
4. Detailed study of essential medicinal plants
5. Panchvidha Kashaya kalpana

Practical

1. Study of Macroscopic, Microscopic characters and Demonstration of organoleptic characteristics and grahya-agrahyatva of plants and their useful parts.
2. Haematology 1 Haemoglobin estimation. 2 Blood cells counting - WBC. RBC, platelets. 3 Hematocrit /Packed cell volume (PCV). 4 Erythrocyte indices- MCV, MCH, MCHC.
3. Urine Examination 1. Ayurveda anusara mutrapariksha. 2. Physical Examination - Volume, Reaction (Ph) & Specific Gravity. 3. Chemical Examination for - Proteins, Glucose, Phosphate, Ketone, Bile salts, Bile pigment
4. Stool Examination 1 Ayurveda anusara purishapariksha. 2 Physical examination, Sama-Nirama Pariksha. 3 Microscopic examination of ova & cyst (Demonstration)
5. Oropharyngeal infection b. Wound infection c. Respiratory tract infections d. Meningitis. Gastro intestinal infections f. Urinary tract infections
6. Method of preparation, therapeutic uses, dose and anupana
7. Preparations of swarasa, kalka, Kashaya, churna, arka, arishta, asava, ghrita etc
8. Identification of substances by column chromatography, Thin layer chromatography, paper chromatography, amino acids (Amino gram) and sugars. 7. Technique of

paper electrophoresis, agar gel electrophoresis of serum proteins, Polyacrylamide gel electrophoresis of serum proteins & Lipoproteins

Reference

1. Madhava Nidana (Madhukosha Pt. Yadunandan Upadhyay Commentary) Part 1 – 2
2. Advanced Clinical Evaluation System for Practical Assessment of Clinical Examination Skills.
3. Medical Laboratory Technology R. Sood.
4. Dravyaguna Vigyana (Vol. 1-5) -Acharya Priyavrata Sharma
5. Introduction to Dravyaguna -Acharya Priyavrata Sharma
6. Bhaishjyakalpana Vigyanam Dr. Agnihotri
7. Relevant parts of Brihatrayee .
8. Text book of Bhaishjya Kalpana - Dr Shobha G Hiremath

PAPER IV

Veterinary medicine

1. Veterinary Pathology
2. Veterinary protozoology
3. Clinical biochemistry & laboratory diagnosis
4. Veterinary Public Health and Epidemiology
5. Animal Nutrition
6. Veterinary Medicine
7. Veterinary and Animal Husbandry

Practical

1. Estimation and standardization of Blood/Serum/Plasma constituents glucose, Urea, Total protein, Albumin, Cholesterol, Triglyceride, Phospholipids, total lipid - Uric Acid, Creatine, Creatinine, Ammonia, Non- protein nitrogen, Amino Acid Nitrogen
2. Qualitative detection of normal and abnormal constituents of Urine. 3. Quantitative analysis for Urine protein, Bence-Johne's protein, Reducing sugars and chloride in Urine, Urea, Creatinine, Uric Acid, Aminoacids, Ammonia, Keto acids in Urine.
3. Preparation and use of pH indicator solutions • Preparation of Reagents used for pH adjustments • Adjustments of pH for Acidic medium and alkaline medium by using Lovibond Comparator
4. Students should visit an Animal house and observe the organization and management of animal houses and its stock. Also they should observe the

management of animals on experiments, safe handling of laboratory animals like Rabbit, Rat, Mouse, Guinea Pig.

5. Identification up to genera of common vectors Identification of medically important bacteria from pure culture.
6. Peripheral blood smear examination and reporting • Haemoglobin electrophoresis • Blood cell cytochemistry- Peroxidase, PAS, LAP, Esterase • Perl's stain • Osmotic fragility test

Reference

1. Clinical Procedures in Small Animal Veterinary Practice
2. Richard J. Aspinall and Victoria Aspinall
3. Veterinary Pharmacology and Therapeutics
4. Jim Riviere
5. Advanced Animal Nutrition- D. V Reddy
6. Basics of Animal Physiology- Monalisa Kar, Anmol Publishers
7. Principles of Genetics & Animal Breeding- F H KHAN, Jaypee Brothers
8. Textbook of Animal Diseases -Ashok Kumar, Sonali Publication
9. A Textbook of Animal Husbandry- G C Banerjee
10. De Amitendu, et. Al. (2004) Indigenous technical knowledge in Animal Husbandry. Livestock Research for Rural Development,16(8)
11. Handbook of Veterinary Drugs
2. Dale A. Smith, Dana G Allen, and John K. Pringle

Journals Print

1. J-AIM Journal of Ayurveda and Integrative Medicine –ISSN: 0975 9476
2. Journal of Indian Medical Heritage - ISSN: 0975-430X
3. Journal of Research in Ayurveda and Siddha -ISSN: 0254-3478
4. Annals of Ayurvedic Medicine – ISSN 2277-4092
5. Journal of Ayurveda - ISSN:2321-0435
6. International Journal of Applied Ayurveda Research - ISSN - 2347 6362
7. Biomedical and Biotechnology Research journal ISSN -2588-9834
8. International Journal of Ayurveda and Alternative Medicine ISSN: 2395-3985
9. International Journal of Ayurvedic and Herbal Medicine ISSN: 2249-546
10. AYU – Research Journal-ISSN: 0974-8520
11. Ancient Science Life – ISSN: 0257-7941
12. Journal of Indian Systems of Medicine – ISSN: 2320-4419

13. Indian Journal of Traditional Knowledge – ISSN 0972-5938
14. Indian Journal of Natural Products & Resources – ISSN: 0976-0504
15. International Journal of Ayurveda Research – ISSN: 0974-925X
16. International Journal of Advanced Ayurveda, Yoga, Unani, Siddha and Homeopathy, ISSN: 2320 – 0251
17. Aryavaidyan, ISSN: 0976-4086
18. JREIM - The Journal of Research and Education in Indian Medicine. ISSN 097

2.11 No: of hours per subject (lecture-tutorial-seminar-group discussion)

Given under Clause No. 2.10

2.12 Practical training given in labs/supervision (No: of hours for each exercise/training)

Given under Clause No. 2.10

2.13 Records

Relevant records are to be maintained

2.14 Dissertation: Guide/Co-Guide/ Change of Guide

Not Applicable

2.15 Specialty training if any

Given under Clause No. 2.10

2.16 Project work

1. Details of the project work shall be submitted to the concerned department head by the M.Sc. scholar within 6 months of starting of the course.
2. A guide shall be allotted to each scholar by the concerned department head.
3. The guide or supervisor shall be a person of status of a Professor or Associate Professor or Assistant professor with five years University approved teaching experience in the subject.
4. Project shall be practical oriented and helpful in the competence in respective specialties. The subject of the project work shall have relation with the subject matter of the specialty.
5. Project reports shall be of minimum 100 and maximum 120 pages.
6. Project must be submitted to the concerned department head 6 months before the final examination.
7. The scholar shall submit 5 copies of project work – 1 for M.Sc. scholar, 1 for Guide, 1 for Department Library, 1 for College Library and 1 for University.

2.17 Any other requirements [CME, Paper Publishing etc.]

Every student shall make presentation on identified subject in the institution and at least ten seminars should be presented to make eligible to appear in the final year examination.

2.18 Prescribed/recommended textbooks for each subject

Given under clause No. 2.10

2.19 Reference books

Given under clause No. 2.10

2.20 Journals

Print

1. J-AIM Journal of Ayurveda and Integrative Medicine –ISSN: 0975 9476
2. Journal of Indian Medical Heritage - ISSN: 0975-430X
3. Journal of Research in Ayurveda and Siddha -ISSN: 0254-3478
4. Annals of Ayurvedic Medicine – ISSN 2277-4092
5. Journal of Ayurveda - ISSN:2321-0435
6. International Journal of Applied Ayurved Research - ISSN- 23476362
7. Biomedical and Biotechnology Research journal ISSN -2588-9834
8. International Journal of Ayurveda and Alternative Medicine ISSN:2395-3985
9. International Journal of Ayurvedic and Herbal Medicine ISSN: 2249-546
10. AYU – Research Journal-ISSN: 0974-8520
11. Ancient Science Life – ISSN: 0257-7941
12. Journal of Indian Systems of Medicine – ISSN: 2320-4419
13. Indian Journal of Traditional Knowledge – ISSN 0972-5938
14. Indian Journal of Natural Products & Resources – ISSN: 0976-0504
15. International Journal of Ayurveda Research – ISSN: 0974-925X
16. International Journal of Advanced Ayurveda, Yoga, Unani, Siddha and Homeopathy, ISSN: 2320–0251
17. Aryavaidyan, ISSN:0976-4086
18. JREIM-The Journal of Research and Education in Indian Medicine. ISSN 0970-7700
19. International Journal of Ayurvedic Medicine (IJAM). ISSN –0976-5921
20. Journal of Ayush: -Ayurveda, Yoga, Unani, Siddha and Homeopathy. ISSN: 2321–6484
21. Planta Medica- Journal of Medicinal Plant and Natural Product Research. ISSN – 0032-0943
22. International Journal of Medicinal and Aromatic Plants (IJMAP). ISSN–2249-4340
23. Journal of Medicinal Plants Research (JMPR). ISSN: 1996-0875
24. European Journal of Medicinal Plants. ISSN: 2231-0894
25. Journal of Sanskrit Samhita and Siddhanta. ISSN No - 2454-3926
26. Journal of Research in Ayurvedic Sciences. ISSN: 2456-5601
27. Journal of Drug research in Ayurvedic Sciences. ISSN: 2279-0357
28. Journal of Evidence-Based Integrative Medicine. ISSN: 2515690X
29. The Journal of Alternative and Complementary Medicine. ISSN:1075-5535
30. Journal of Ayurvedic and Herbal Medicine (JAHM). ISSN: 2454-5023
31. Advances in Integrative Medicine. ISSN: 2212-9626
32. International Research Journal of India. ISSN: 2454-8707
33. Journal of Traditional and Folk Practices. ISSN: 2278-5906
34. Kerala Journal of Ayurveda. Published by Akhila Kerala Govt Ayurveda College

- Adhyapaka Sanghatana. e-mail: ayushkamya@gmail.com
35. Bhashak, Published by VPSV Ayurveda College, Kottakkal.
 36. Dhanwantari Journal of Ayurveda – Published by PNNM Ayurveda College, Cheruthuruthy, Shornur, Kerala.
 37. Glitters of Ayurveda, Published by Sree Narayana Institute of Ayurvedic Studies and Research, Puthoor, Kollam, E-mail: snayurveda@gmail.com.

E-Journals

1. Ancient Science of Life. eISSN: 2249-9547
2. Indian Journal of Traditional Knowledge (IJTK). eISSN: 0975-1068
3. Journal of Ayush: -Ayurveda, Yoga, Unani, Siddha and Homeopathy. eISSN: 2278-2214
4. Journal of Research in Ayurvedic Sciences. eISSN: 2581-9895
5. Journal of Drug research in Ayurvedic Sciences. eISSN: 2581-8295
6. Journal of Evidence-Based Integrative Medicine. eISSN: 2515690X
7. The Journal of Alternative and Complementary Medicine. eISSN: 1557-7708
8. Journal of Research in Traditional Medicine (JRTM). eISSN: 2455-3166
9. International Journal of Ayurveda and Alternative Medicine eISSN: 2348-0173
10. Journal of Indian Systems of Medicine. eISSN: 2455-5029
11. Indian Journal of Natural Products & Resources. eISSN: 0976-0512
12. Annals of Ayurvedic Medicine. eISSN: 2347-6923
13. Ayurline: International Journal of Research in Indian Medicine. eISSN: 2456-4435
14. Advances in Applied Science Research –E-ISSN- 0976-8610
15. International Research Journal of Pharmacy and Medical Sciences. eISSN: 2481-3277
16. Health Sciences -*healthsciences.ac.in*/Open Access Peer Reviewed E-Journal. Kerala University of Health Sciences, Thrissur.

2.21 Logbook

Shall be maintained in all Post Graduate Courses. All academic work should be maintained and shall be countersigned by concerned HOD.

3. EXAMINATIONS

3.1 Eligibility to appear for examinations [including Supplementary]

A. Preliminary examination:

A minimum of 80% attendance and the candidate should have submitted the details of the ensuing project work in time.

B. Final examination:

For appearing final year examination 80% attendance in each theory and practical subjects separately is required

If a student fails in the preliminary examination, he/she can continue the course but shall have to pass preliminary examination at least 90 days before appearing final year examination.

3.2 Schedule of Regular/Supplementary exams

The University shall conduct not more than two examinations in a year.

3.3 Scheme of examination showing maximum marks and minimum marks

The M.Sc. course shall have two examinations in the following manner: —

1. The preliminary examination shall be conducted by the institution where student is undergoing training at the end of one academic year after admission to make the student eligible to appear in the final examination.
2. The final examination shall be conducted at the end of second year. The students will have to pass preliminary examination at least 90 days before appearing final year examination.
3. The final examination conducted by the University at the end of two years shall cover 75% of II year and 25% syllabus of I year.
4. Minimum passing marks shall be 50% in theory and practical separately.
5. If an Examination could not be conducted due to a local Bandh or any other difficulties in conducting Examination, that particular Examination shall be conducted on the next working day.

SCHEDULE OF EXAMINATIONS

- a. The preliminary examination shall be conducted at the end of one academic year after commencement of course.
- b. The final examination shall be conducted on completion of two academic years after commencement of M.Sc. course.
- c. Examination shall ordinarily be held in the month of June or July and November or December every year.
- d. For being declared successful in the examination, student shall have to pass all the subjects separately.
- e. The student shall obtain minimum 50% marks in Theory and Practical separately to be announced as pass.
- f. If a student fails in preliminary examination, he/she shall have to pass preliminary Examination at least 90 days before appearing final year examination.
- g. If the student fails in theory or practical in the final examination he/she can appear in the subsequent examination without requiring submit a fresh project work.
- h. The M.Sc. shall be conferred after the student passes the final examination.

CONDUCT OF EXAMINATION

M.Sc. examination in any subject shall consist of theory, clinical, practical and oral.

1. **Theory:** There shall be two theory papers and two sections in each paper. One Paper out of these shall essentially consist of the basics of the concerned discipline.
2. **Clinical:** Clinical examination of the subject shall be conducted to test/aimed at assessing the knowledge and competence of the candidate for undertaking independent work as a specialist.
3. **Practical:** Practical examination shall be conducted to assess practical skill and competence of respective specialties.
4. **Viva-Voce:** The Viva-voce examination shall be thorough and shall aim at assessing the

candidate's knowledge, competence, understanding of the subject and communication skill of concerned subject which shall form a part of examination.

QUESTION PAPER PATTERN

Question paper pattern will be as per recommendations of the Board of Studies. The pattern is long essay for 20 marks - one question

Short essay 10marks - Eight Questions

Total 9 questions for 100 marks

3.4 Papers in each year

Given under clause No.2.10

3.5 Details of theory exams [include number of papers, duration, type of questions & number of questions and marks]

Given under clause No. 2.10 & 3.3

3.6 Model question paper for each subject with question paper pattern (Submitted after approval of Board meeting)