

Gujarat Technological University



(Accredited with A+ grade by NAAC)

Dharohar - Bhartiya Gyan Parampara Kendra

Certificate Course Name

Integrated Medicinal Course of Ayurveda and African Traditional medicine

Minimum Eligibility For the Course	12 th Pass(Any Stream)
Credit	04
Contact Hours	60
Duration	3 Months
Fees	RS.4000/-
Course Outcomes and Unit-wise Syllabus	Course Outcomes: 1. Understand the foundational principles and philosophical concepts of Ayurveda and African Traditional Medicine (ATM). 2. Explain disease causation, diagnosis, and etiological factors from both Ayurvedic and African perspectives. 3. Identify traditional healing practices and the role of practitioners in African medicinal systems. 4. Analyze the use of medicinal plants, including their selection, harvesting, storage, and therapeutic applications. 5. Describe methods of herbal preparation, formulation, dosage, and administration in both systems. 6. Compare similarities and differences between Ayurveda and ATM in theory and practice. 7. Evaluate the role and relevance of ATM in contemporary healthcare systems. 8. Assess challenges in traditional medicine, including sustainability and conservation of medicinal plants. 9. Apply knowledge of preventive care and ethical use of natural resources in traditional healing systems. Unit-wise Syllabus: Unit 1: Introduction (Poorva Peethika) • Overview of Ayurveda and African Traditional Medicine • Scope, relevance, and historical background Unit 2: Philosophical Foundations (Tatvadnyaan) • African philosophy and its relation to health and disease • Comparative philosophical perspectives with Ayurveda

Unit 3: Disease Understanding (Roga Nidaan)

- African perspectives on disease causation and classification

Unit 4: Traditional Healing Systems (Vaidya Parampara)

- Traditional African medicinal practices in South Africa
- Role of healers and indigenous knowledge systems

Unit 5: Etiology (Hetu)

- Causes and contributing factors of diseases in African traditions

Unit 6: Diagnostic Methods (Nidaan)

- Traditional diagnostic approaches in ATM and Ayurveda

Unit 7: Medicinal Plants (Dravya Guna Vidnyan)

- Role of medicinal plants in African Traditional Medicine

Unit 8: Selection of Medicinal Plants (Dravya Nischiti)

- Criteria and methods for selecting herbs

Unit 9: Collection of Medicinal Plants (Dravya Sangraha)

- Techniques and ethics of harvesting herbs

Unit 10: Storage of Medicinal Plants (Dravya Sanrakshan)

- Preservation and storage practices

Unit 11: Therapeutic Use (Dravya in Chikitsa)

- Application of herbs in treatment

Unit 12: Parts Used (Upayuktanga)

- Different plant parts used for medicinal purposes

Unit 13: Herbal Preparations (Bhaishajya Kalpana)

- Methods of preparation of herbal medicines

Unit 14: Formulations (Aushadha Yog)

- Types of formulations in Ayurveda and ATM

Unit 15: Vehicle (Anupaan)

- Role of adjuvants in drug administration

Unit 16: Dosage (Maatra)

- Principles of dosage determination

Unit 17: Timing of Medication (Bhaishajya Kaal)

- Importance of timing in treatment

Unit 18: Routes of Administration (Bhaishajya Prayog Maarga)

- Various modes of administering medicines

Unit 19: Bridging Concepts

- Similarities between Ayurveda and ATM (India & South Africa)

Unit 20: Comparative Analysis

- Differences between the two medicinal systems

	Unit 21: Role of ATM - Importance and contribution of African Traditional Medicine Unit 22: Challenges and Solutions - Issues faced by ATM and possible solutions Unit 23: Sustainability and Conservation - Preventive measures to avoid overexploitation of medicinal plants
Relevance of Course:	Regional, National and Global
Teaching Mode	Online
Medium Of Instruction	English/Hindi
Examination Pattern	Online
Marks	100 (MCQs) 50 questions
Passing Marks	40% Passing marks are required
Classis Time	Twice a week- 1 hrs. per lecture