



Institute of Teaching & Research in Ayurveda

(Institute of National Importance)

Ministry of AYUSH, Government of India

Opp. B-Division Police Station, Gurudwara Road, Jamnagar-361008

Fax:(0288)-2676856 Ph.(0288)-2661315, E-mail: sfccl@itra.edu.in

ITRA located in Jamnagar city, situated on the western part of Gujarat state is a unique and the only statutory of its kind. It offers advanced courses on all aspects of Ayurveda. Taking into consideration the rapid increase of worldwide interest and demand for the plant based drugs in the last few decades leading to large scale commercial production of both classical and proprietary herbal formulations in the country, it has introduced several courses designed in the context of the present situation, covering different aspects of Ayurveda and allied traditional systems of medicine. Introduction of these multidisciplinary courses in the present times is considered most opportune, since the global demand for herbal preparations is growing in an exponential manner. India is a rich treasure of medicinal plants and can become the main source for supply of herbal drugs to the whole world but lack of or inadequate quality standards of raw material has been one of the major impediments in wider acceptance of herbal drugs. Various international agencies like World Health Organization have been emphasizing on the importance and need of standardization of herbal raw material. Skilled technical man power possessing the knowledge on all aspects of medicinal plants is needed for this. Sensing its urgency, an effort was put forth by establishing a self finance institute for awarding M.Sc. (Medicinal Plants) and M. Pharm (Ayurveda) by Gujarat Ayurved University in the year 1999-2000, which has been merged in the 2006 with Institute of Post Graduate Teaching and Research in Ayurveda as separate PGT-SFC-Cell, IPGT&RA providing all the laboratory facilities and infrastructure for the betterment of the Program.

Further, with the amalgamation of antecedent Institutes of Gujarat Ayurved University campus, through ITRA, Act 2020, Govt. of India, the Institute, ITRA declared as Institute of National Importance. The Post Graduate, Pharmacy Regulations, 2024 and Ph.D. Regulations, 2024, have been notified by The Gazette of India, by which Institute have powers to confer the following degree in specialty concerned on successful completion of Program,

1. Master of Pharmacy (Ayurveda)
2. Master of Sciences (Medicinal Plants)
3. Doctor of Philosophy- Ph.D. (Ayurveda Pharmacy)
4. Doctor of Philosophy- Ph.D. (Medicinal Plants)

Some of our alumni's have joined Research Institutes, while many others have joined reputed R&D and Pharmaceutical Industries of India. It is gratified to note that the Program has been recognized various, well-known central government organizations of India like ICMR (Indian Council of Medical Research), CCRAS (Central Council for Research in Ayurvedic Sciences) CCRS (Central Council for Research in Siddha), National Institutes, Central University etc.

1. Master of Pharmacy (Ayurveda) - M.Pharm (Ayu.)

The degree Program provides in depth knowledge of Ayurvedic drugs, their method of manufacturing and also their standardization and quality control and preclinical research aspects. The Master of Pharmacy (Ayurveda) Program shall be specialization in following subjects:

- (1) Rasa shastra and Bhaishjya Kalapna
- (2) Dravyaguna Vigyan
- (3) Pharmaceutical Chemistry or Analytical Chemistry
- (4) Pharmacology
- (5) Pharmacognosy

Eligibility for admission: For admission in Master of Pharmacy (Ayurveda) degree Program, the candidate shall be a B. Pharm (Ayurveda) from a recognised University.

Number of Seats: 20

Date of Admission: Admission in Master of Pharmacy (Ayurveda) Degree Program shall be once in a year, preferably in the month of August-September of every calendar year.

Mode of Admission:

- (1) The Admission committee of Pharmacy of the Institute shall conduct the admission process.
- (2) For admission in Master of Pharmacy (Ayurveda), the candidate has to qualify through Post Graduate Entrance examination according to qualifying criteria laid down by the institute and for this purpose candidate shall apply in a prescribed application form, which shall be available on the website of the institute within the date fixed by the institute along with the application fees declared time to time.
- (3) There shall be written entrance examination of one hundred marks, which shall be based on multiple choice question paper on syllabus of Bachelor of Pharmacy (Ayurveda).
- (4) The merit of entrance examination shall be valid only for the current admission process and shall not carry forward to next year.
- (5) The constituted committee of the institute shall prepare merit lists of the qualified applicants of each category based on their entrance examination merit score (eighty per cent. weightage) and final year percentage of bachelor degree Program (twenty per cent. weightage).
- (6) According to the merit list candidates shall be called for counselling and in each category, the number of candidates called for counselling shall be two times the number of seats.
- (7) The candidate called for counselling shall have to physically present along with all necessary original documents within the time limit specified by the institute.
- (8) The candidate in order of merit shall exercise their choice of specialty according to availability of seats in their respective category.
- (9) Foreign National candidates seeking admission from abroad shall submit their applications to Institute of Teaching and Research in Ayurveda or through Indian

Council for Cultural Relations (for availing AYUSH Scholarship for foreign nationals), Government of India, New Delhi.

- (10) The foreign national candidates are exempted from the entrance examination and the admission to one seat for foreign candidate is on the basis of the merit of the candidature.
- (11) All the selected candidates shall be subjected to medical fitness and shall not be permitted to join the degree Program unless declared medically fit.

Tenure of degree Program: The duration of Master of Pharmacy (Ayurveda) Degree Program shall be two years, out of which first year shall be devoted to common course and final (second) year devoted to specialty course with dissertation or project work.

Application fee:

- (1) Rs. 1000/- for Indian Students.
- (2) 20 US \$ for foreigners

Program Fee:

- (1) Rs. 60,000/- per annum in four installments for Indian Students.
- (2) 200 US \$ per month for foreigners. For foreign students, except from Nepal, all payments should be made only in American Dollars by Demand Draft/Bank payment order. No cash will be accepted. Our bankers are Bank of India, Hospital Road Branch, Jamnagar, India.
- (3) 40% concession in Tuition fee and registration fee for candidates from SAARC countries and NRI sponsored candidates.

Research fund: The admitted scholars in M. Pharm (Ayu) program get the research fund of Rs. 75,000/- for carryout the research work as part of their dissertation.

Accommodation:

- (1) Foreign Students will be provided accommodation in International Scholars Hostel, if available.
- (2) At present there is no hostel facility for candidates from India.

Method of Training

- (1) Intensive training shall be given in Ayurvedic pharmacy or medicinal plants or research along with comparative and critical study in the respective specialty for which the emphasis shall be given on in- service training and practical.
- (2) The scholars are required to know about the methods and techniques of research work done in their respective specialty.
- (3) The scholars shall be required to participate in the teaching and training Programs of Under Graduate scholars, in their specialty or subject.
- (4) The training shall aim to extend the knowledge of the scholar to undertake independent work as a specialist.
- (5) The thorough and intensive training on a planned Program shall be given to the scholars and such Program shall be available for the inspection and scrutiny of the Deputy Director (Pharmacy) or Director if required.

- (6) Adequate training in teaching technology and research methods shall be provided during the degree Program.
- (7) Study tour shall be a part of teaching and training and the study tour shall strictly be at the places related to the Pharmacy or Medicinal Plants or Research and shall aim to add the sum of extra information and knowledge of the field and the study tour may include the visit of following places in India, namely:-
 - (a) ayurvedic industry;
 - (b) any forest or place for observation of herbs or medicinal plants;
 - (c) research centers and laboratories;
 - (d) archeological sites related to Ayurveda and Pharmacy; and
 - (e) leading National academic Institutes.
- (8) Medium of instructions shall be in Hindi, English or Sanskrit.

Reservation:

- (1) The reservation for different categories (Scheduled Caste, Scheduled Tribe, Other Backward Class, Economically Weaker Section, Person with benchmark disabilities) shall be as per guidelines from Department of Personnel and Training, Government of India at the time of admission.
- (2) One non-stipendiary seat shall be reserved for foreign national candidates having equivalent degree and these candidates shall be nominated by the Ministry of Ayush from the application received from the Indian Council for Cultural Relations.
- (3) If any vacancy arises out of reserved quota seats, it shall be filled strictly by following the applicable Central Government reservation norms.

2. Master of Science (Medicinal Plant)- M.Sc. (Medicinal Plant)

The degree Program provides in depth knowledge of multidisciplinary approach for comprehensive teaching of all aspects related to medicinal plants, to generate skilled manpower to meet the present and future requirement of human resources in the field of medicinal plant resources development and to provide distinctive education and training on all aspects of medicinal plants. Further knowledge also imparted for Ayurvedic drugs, their method of manufacturing and also their standardization and quality control and preclinical research aspects. There will be specialization in following subjects:

- (1) Bhaishjya Kalapna
- (2) Dravyaguna
- (3) Pharmaceutical Chemistry or Analytical Chemistry or Phytochemistry
- (4) Pharmacology
- (5) Pharmacognosy
- (6) Biochemistry
- (7) Microbiology

Eligibility for admission: For admission in Master of Sciences (Medicinal Plants) degree Program, the candidate shall be a graduate in any one of the disciplines i.e. Science (Botany as one of the subject of study), Pharmacy, Agriculture, Ayurveda, Siddha, Unani or its equivalent awarded by statutory University or statutory body recognised by the Central Council of Indian Medicine.

Number of Seats: 15

Date of Admission: Admission in Master of Science (Medicinal Plant) Degree Program shall be once in a year, preferably in the month of August-September of every calendar year.

Mode of Admission:

- (1) The Admission committee of Pharmacy of the Institute shall conduct the admission process.
- (2) The admission to Master of Sciences (Medicinal Plants) degree Program shall be on merit basis of the qualifying examination of Bachelor degree
- (3) According to the merit list candidates shall be called for counselling and in each category, the number of candidates called for counselling shall be two times the number of seats.
- (4) The candidate called for counselling shall have to physically present along with all necessary original documents within the time limit specified by the institute.
- (5) The candidate in order of merit shall exercise their choice of specialty according to availability of seats in their respective category.
- (6) Foreign National candidates seeking admission from abroad shall submit their applications to Institute of Teaching and Research in Ayurveda or through Indian Council for Cultural Relations (for availing AYUSH Scholarship for foreign nationals), Government of India, New Delhi.
- (7) All the selected candidates shall be subjected to medical fitness and shall not be permitted to join the degree Program unless declared medically fit.

Tenure of degree Program: The duration of Master of Science (Medicinal Plant) Degree Program shall be two years, out of which first year shall be devoted to common course and final (second) year devoted to specialty course with dissertation or project work.

Application fee:

- (1) Rs. 1000/- for Indian Students.
- (2) 20 US \$ for foreigners

Program Fee:

- (1) Rs. 50,000/- per annum in four installments for Indian Students.
- (2) 200 US \$ per month for foreigners. For foreign students, except from Nepal, all payments should be made only in American Dollars by Demand Draft/Bank payment order. No cash will be accepted. Bankers are Bank of India, Hospital Road Branch, Jamnagar, India.
- (3) 40% concession in Tuition fee and registration fee for candidates from SAARC countries and NRI sponsored candidates.

Research fund: The admitted scholars in M.Sc. (Medicinal Plants) program get the research fund of Rs. 75,000/- for carryout the research work as part of their dissertation.

Accommodation:

- (1) Foreign Students will be provided accommodation in International Scholars Hostel, if available.
- (2) At present there is no hostel facility for candidates from India.

Method of Training

- (1) Intensive training shall be given in Ayurvedic pharmacy or medicinal plants or research along with comparative and critical study in the respective specialty for which the emphasis shall be given on in- service training and practical.
- (2) The scholars are required to know about the methods and techniques of research work done in their respective specialty.
- (3) The scholars shall be required to participate in the teaching and training Programs of Under Graduate scholars, in their specialty or subject.
- (4) The training shall aim to extend the knowledge of the scholar to undertake independent work as a specialist.
- (5) The thorough and intensive training on a planned Program shall be given to the scholars and such Program shall be available for the inspection and scrutiny of the Deputy Director (Pharmacy) or Director if required.
- (6) Adequate training in teaching technology and research methods shall be provided during the degree Program.
- (7) Study tour shall be a part of teaching and training and the study tour shall strictly be at the places related to the Pharmacy or Medicinal Plants or Research and shall aim to add the sum of extra information and knowledge of the field and the study tour may include the visit of following places in India, namely:-
 - (a) ayurvedic industry;
 - (b) any forest or place for observation of herbs or medicinal plants;
 - (c) research centers and laboratories;
 - (d) archeological sites related to Ayurveda and Pharmacy; and
 - (e) leading National academic Institutes.
- (8) Medium of instructions shall be in Hindi, English or Sanskrit.

Reservation:

- (1) The reservation for different categories (Scheduled Caste, Scheduled Tribe, Other Backward Class, Economically Weaker Section, Person with benchmark disabilities) shall be as per guidelines from Department of Personnel and Training, Government of India at the time of admission.
- (2) One non-stipendiary seat shall be reserved for foreign national candidates having equivalent degree and these candidates shall be nominated by the Ministry of Ayush from the application received from the Indian Council for Cultural Relations.
- (3) If any vacancy arises out of reserved quota seats, it shall be filled strictly by following the applicable Central Government reservation norms.

General Information

- (1) Eligible candidates shall apply on prescribed application format, available on ITRA website before last date of submission.
- (2) Attach all the relevant copies of valid self-attested documents.
- (3) Attach English translation version of attested copies of certificates, if it's available in other foreign language.

- (4) The filled application should be submitted along with the application fee of Rs. 1000 for Indians (US\$ 20 for foreign students) by a Demand Draft/Online payment/Bank Payment Order drawn in favor of **“A/C 325110210000001”**.
- (5) Foreigners have to complete all passport and visa requirements. Please proceed to India only after getting admission letter from this Institute and subsequently obtaining study Visa. The Institute shall not take any responsibility in this regard.
- (6) Enquiries regarding Program may be sent to: sfccell@itra.edu.in.