

INSPIRE!

KNOWLEDGE!

ACHIEVE!



Imayam

Institute of Agriculture & Technology

Kannanur, Thuraiyur (Tk), Tiruchirappalli (Dt), Tamil Nadu - 621 206

(Affiliated to Tamil Nadu Agricultural University, Coimbatore)





Rtn. A. Andi
Secretary



» Vision

The vision as envisaged by the Founders of IAT, Thuraiyur is to develop this institute as a national centre of global focus with a reputation of academic excellence in agricultural education and research that catalyses knowledge and technology based agricultural growth and development in the State.

» Mission

IIAT, Thuraiyur is dedicated to impart quality education in agricultural science that inculcates expertise and talent for the development of the individual student. Agricultural education is the key to the prosperity of this region and the nation as a whole. The transformation that happens through the quality of agricultural education, shall lead to overall well being of the society

» Imayam Institute of Agriculture & Technology

Imayam Institute of Agriculture and Technology (IIAT) is one of the Imayam Group of Educational Institutes. This college was started in accordance with G.O.MS 140 of Agriculture (AU) Department dated 02.07.2013 of Government of Tamil Nadu and it started functioning from 27.07.2013 with the admission strength of 60 students per year.

This college is situated at Kannanur on the Thuraiyur-Namakal Highway, six kilometers away from Thuraiyur Municipality. It is well connected by roads and the nearest railway station and airport is Tiruchirappalli, which is 50 km from Thuraiyur.

Thuraiyur lies between 11.170 North Latitude and 78.620 East Longitude with an altitude of 85M above MSL. The mean maximum temperature is 40.2°C and mean minimum is 15.0°C. The average annual rainfall of the district is of 626.4 mm. The college campus has spread over an area of 49.67 hectares [122.69 acres].

IIAT's sole motto is to inspire, impart education, awake all enrolled students and make them achievers with inbuilt virtues and character. Our aim is that our students should be model citizens of eminence and excellence in the society.



SOIL SCIENCE & AGRICULTURAL CHEMISTRY LAB



LIBRARY



AGRICULTURAL MICROBIOLOGY LAB



LEARNING RESOURCES

➤ College Library

"If you have a garden and a library, you have everything you need".

"The more that you read, the more things you will know. The more that you learn, the more places you'll go." Our library consist of more than 10000 books with NDLI (National Digital Library of India), 20 National and International Journals ,10 Tamil and English magazines , News Papers etc.,

LABORATORIES & FARM FACILITIES

➤ Soil Science & Agricultural Chemistry Lab

Core soil sampler, screw auger, hydraulic rings & constant head hydraulic unit are available in the laboratory to study the different physical properties of soil. Nitrogen distillation unit, spectrophotometer, flame photo meter are available to assess the soil available N, P, K & S.

➤ Environmental Science & Bio Chemistry Lab

This Laboratory consists of 10 work tables with granite top. At the rate of 4 students per table, 40 students can work here in a practical class. Staff room and store rooms are also there in this lab. Sufficient number of equipments, glasswares and sufficient quantity of chemicals required for conducting classes in Environmental Sciences as well as in Biochemistry courses are in stock in this laboratory

➤ Agricultural Microbiology Lab

"Life would not long remain possible in the absence of microbes."

- To impart quality education and research in the sphere of Agricultural Microbiology
- Development of Multifunctional biofertilizer strains for enhanced plant nutrition and soil health
- To create awareness on biofertilizer technology among farming community, supply of quality biofertilizers and provide advisory services.

Microbiology: *"Life in a World without Microbes"*

➤ Plant breeding & Genetics Lab

“Plant breeding is one of the shortest and most effective routes to improving global health through better nutrition”

Laboratory has been furnished with well aited graite desk and SS adjustable lab stool (50 no's) to accommodate 50 students at a time. This lab is also well refereshed with lightings and fan facility. Separate faculty lounge and store room are attached to monitor the students and store chemicals and lab kits.

➤ Agricultural Biotechnology

“Agri-biotechnology ... is one of the key forces to promote food security. Social progress and economic prosperity in the world”.

Plant Tissue Culture and Moleculor Biology Techniques:

The lab specifically conducts EPL modules and Biotechnology, Plant Physiology coures from 2014 to till date in Commercial plant tissue culture techniques especially mass multiplication of Banana, Bamboo, Rose Ornamental crops etc. The students are trained in media preparation techniques, handling of instruments and nursery technology.

➤ Plant Pathology Lab

Plant Pathology is one among the division under department of Plant Protection at IIAT

Microscopic slides are also being maintained for several plant Pathogens. Laminar air flow chamber, Hot air oven and autoclave are kept and used for culture maintenance and sterilization purposes.





AGRICULTURAL BIOTECHNOLOGY LAB



PLANT PATHOLOGY LAB



PLANT BREEDING & GENETICS LAB



➤ Computer Lab

“Computer Science is a science of abstraction -creating the right model for a problem and devising the appropriate mechanizable techniques to solve it.”

The campus has one richly equipped computer laboratory accessible to the students during the college hours with advanced infrastructure in terms of hardware and software to cater to the requirements of the students, teachers and the curriculum.

➤ Audio Visual Lab

The Department of Agricultural Extension and Rural Sociology is located in the Main Block of Iyayam Institute of Agriculture and Technology. In Extension department, student’s expertise about group discussion, analysis using software, communication technology and exposure visits. The main objective of this department is to transfer the technologies from lab to land. Rural Sociology, Educational Psychology, Panchayati Raj, Social Institutions and Organizations, Developmental Programmes to uplift the Farming Community, Methods involved in teaching farmers, Personality Development, Intelligence and Communication Skills are being taught by the Department of Agricultural Extension and Rural Sociology.



ENTOMOLOGY LAB

» Entomology Lab

Students gain the knowledge about the taxonomic characters of insects, beneficial and harmful nature of insects and its effect on agro-ecosystem. They are also being taught about major pests in field and horticultural crops and also to recognize and control them.

» Seed Science & Technology Lab

“Seed science and technology coupled with improved human capital have been powerful drivers of positive change in the performance and evolution of smallholder system”

Good quality seeds of improved varieties and hybrids play a crucial role in boosting agricultural production. Improved seeds also carry new technology from laboratory to the farmers’ fields, as it is the medium through which plant breeding and biotechnological innovations are transferred to farmers.

➤ Agronomy Lab

This laboratory is furnished with seven numbers of work tables and is adequately supported with lab seats to accommodate 40 students. This Lab has got all necessary equipments.

In Agronomy practicals, hands on training sessions are held to provide fundamental knowledge about the major field crop cultivation, crop and soil management. Due importance is also given to crop production and management, identification and classification of crops and weeds, tillage and its implications, weed management, nutrient and water management, production technology of field crops, farming systems and organic input production, hi-tech practices including protected cultivation and fertigation. This enables the students to face the practical challenges that would come up in farming. This is achieved through class teaching, practicals and with adequate field visits.

➤ Practical Crop Production

In practical crop production course, the students grow two seasonal crops – one is rice in kharif season and the other is Sun flower in rabi season in the allocated land of 3 cents to each student. The students do by themselves the following operations, viz., land preparation, manure application, seed treatment, nursery preparation, seed sowing, fertilizer application, water management, inter Culture Operations and finally the harvest and the produce processing. After recording yield, they calculate the harvest index for the crops.

➤ Agricultural Engineering Workshop

This laboratory has been furnished with ten numbers of work tables and adequately supported with lab seats to accommodate 40 students. This Lab has got all necessary Agriculture engineering related tools and equipments.





PRACTICAL DEMO PLOT



AGRICULTURAL ENGINEERING LAB



ON FARM LEARNING

➤ Facilities in IIAT Farm Machinery and Equipments in Workshop

All the farm machinery items like tractor and power tiller along with various agricultural engineering implements like bund former, rotovator, leveller and tools like hand hoe, spade, sickle, sprayer are available for farm use and teaching purposes.

PHYSICAL FACILITIES

Sports Facilities

Keeping in view the importance of Sports in today's scientific era and its vitality in the shaping of individual's personality, health and fitness, the Institute lays considerable emphasis on students' participation in various games, sports and track and field events.

The spacious vacant areas of IIAT are laid out into grounds for Cricket, Football, Basketball, Volleyball, Lawn Tennis and Badminton , Kabaddi, Kho- Kho. For indoor games such as Carrom, Chess, Shuttle badminton, Table tennis etc., separate facilities are available. Facilities have also been provided for Yoga. Multi gym hall equipped with all modern scientific machines is available for the use of students.

IIAT Achievements

Sl. No.	Institute Name	Year	Name of the Award
1	Sri Ramakrishna Misson Vidhyalaya State Level Tournament at Coimbatore	2017	Kabaddi – Gold Cup
2	Sri Ramakrishna Misson Vidhyalaya State Level Tournament at Coimbatore	2018	Volley ball - Gold Cup Cash Award Rs.5000
3	14 th Isha Gramotsavam at Texvalley in Erode	P.Suchi Arun	Cash Award – Rs. 5 lakhs
4	SPORAG-2019 State Level Sports meet held at Annamalai University, Chidhambaram	2019	Kabaddi - Winners – Cup







➤ Career Counselling Sessions

Aim:

Providing career-oriented knowledge to students.

Objectives

1. To provide application-based career development knowledge to the students.
2. Providing information about the current job market and industry needs.
3. Providing additional career-boosting academic facilities to the students.
4. Main aim is to fill the gap between industry expectation vis-a-vis academic knowledge

➤ Skill Development

We, at Iamayam, have a unique skill development program to ensure the development of skills in the students. We identify students with special interest in arts, engineering, technology, be whatever it is, and hone their skills in their particular field of interest. This is in addition to our academic programmes.

➤ Placement

Because of the efforts of IIAT's Placement Cell, about 51% of the graduates secured employment in various private and public sector organizations and Institutions, viz., Union Bank, Bank of India, Canara Bank, IFFCO, Rasi Seeds, Bayer, etc. The batchwise details of placements of alumni of IIAT, Thuraiyur

No. of Students	Academic achievements
14	Cleared TNPSC-AO exam and Jointed as Agricultural Officer (Government of Tamil Nadu)
03	Working as Forester in Govt. of Tamil Nadu
04	Chief Executive Officer in Er Uzhavan Collective Farmers Producer Company Ltd
01	Pursuing Higher Studies in University of Manchester, United Kingdom.
02	Pursuing Higher Studies in Australian College of Agriculture & Horticulture, Australia.
04	Cleared ICAR PG Entrance and Pursuing Agricultural Biotechnology, G. B. Pant University of Agriculture and Technology (GBPUA&T), Pantnagar, Uttranchal, TNAU, etc.
12	Agriculture Field Officer in Union Bank, Bank of India and Canara Bank
20	Pursuing Masters Degree and Doctorate Programme
05	Pursuing MBA @ Indian Institute of Management, MANAGE etc.
01	Selected for IRMA, Ananth, Gujarat



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