



SELF STUDY REPORT FOR THE COLLEGE

Submitted by

**Pandit Jawaharlal Nehru College of Agriculture
and Research Institute, Karaikal – 609 603**
(A Government of Puducherry Institution)

PREFACE



Karaikal, the 14th February, 2019

Pandit Jawaharlal Nehru College of Agriculture and Research Institute, (PAJANCOA&RI) has several firsts to its credit. Conspicuous among them are: first agriculture college to be established by a union Territory; first professional college to be established in Karaikal district; first institute to produce several Indian Civil Service Officers in the UT of Puducherry. It is also noteworthy to mention that this institute is the second professional college started by the Government of Puducherry.

Recognizing the need for an overall development of agriculture in the U.T. of Puducherry, the Government of Puducherry submitted a proposal to ICAR. Based on the recommendations of the VIII regional committee of ICAR (1983) and upon the recommendation of Regional Committee, the ICAR approved the establishment of an Agricultural college at Surakudy, Karaikal region of the Union territory. The Government of Puducherry gave the administrative approval for establishing Pandit Jawaharlal Nehru College of Agriculture (PAJANCOA) as an autonomous educational institution in Karaikal during 1987. This institute was initially affiliated to Tamil Nadu Agricultural University, Coimbatore until 2015 and from the academic year 2015-16, PAJANCOA & RI got affiliated to Pondicherry (Central) University. This institute was established with the main objectives of providing quality education in agriculture & allied sciences, farm advisory services and to coordinate with state Government, ICAR and other research and development sponsoring agencies.

In pursuance to the objectives, B.Sc. (Agri) degree programme was started in the year 1987 with an initial intake of 50 students per year. Owing to the increase in the demand for agricultural graduates, the intake was gradually increased to 60, 88 and 120 students per year at present. Also, B.Sc. (Hort.) degree programme with an intake capacity of 40 students per year was started during 2016-17. In order to fulfill the research objectives, this institute was upgraded as Research Institute in the year 1997 and further started post graduate degree programmes during the academic year 1999-2000. The institute has also obtained recognition of University Grants Commission under Section 2(f) & 12(B).

Now, the PAJANCOA & RI is seeking ICAR accreditation to enhance the quality of education and research and for overall development of Agriculture in the U.T. of Puducherry. On behalf of PAJANCOA (Karaikal) society, the infrastructural facilities available and the activities carried out by the institute are presented in the prescribed format in this self-study report for assessment and granting accreditation by the esteemed Indian Council of Agricultural Research, New Delhi.

Dr. V. KANTHASWAMY, Ph.D.,
DEAN
PAJANCOA & RI

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1. HISTORY AND DEVELOPMENT OF THE INSTITUTE

1.1 Historical Background

Establishing an Agricultural College for the benefit of students and farmers was gaining the attention of Government of Puducherry during early 1980s. The Regional Committee of ICAR, in its meeting held at Bangalore on 28th and 29th January, 1983, recommended that the Puducherry administration should prepare a paper on establishment of Agricultural College in the Union Territory of Puducherry for consideration of ICAR. Based on the recommendation of Regional Committee, the ICAR has approved the establishment of an Agricultural College at Surakudy village in Karaikal region of this Union Territory vide ICAR letter No. 5-23/84 – Edn. II dated 28/10/1986. The Government of Puducherry vide G.O.Ms. No.35/Ag dated 30.09.1987 (**Annexure 1**) gave the administrative approval for establishing Pandit Jawaharlal Nehru College of Agriculture (PAJANCOA) as an autonomous educational institute at Karaikal.



Fig. 1 Visit by Field selection team for establishment of Agriculture College

The college was inaugurated on 2nd October, 1987 and started functioning from the academic year 1987-88. The prime objectives of this College are imparting agricultural education and meeting the agricultural research and extension needs of the Union Territory of Puducherry. This college was upgraded as Research Institute (PAJANCOA&RI) in 1997. The Postgraduate degree programmes are being offered from the academic year 1999-2000. This institute is governed by PAJANCOA (Karaikal) society with the Chief Secretary, Govt. of Puducherry as the Chairman. Since inception, this institute had been affiliated with TNAU for meeting its academic standards until 2014-15. From the academic year 2015-16, the institute is affiliated to the Pondicherry University, a Central University in Puducherry. This college is located in a serene atmosphere at Serumavilangai village of Nedungadu Commune, which is 10 km from Karaikal town and 3 km from the temple town, Thirunallar. The College is spread over an area of 225 acres.

This Institute was started in the year 1987 with a student intake of 50 for B.Sc. (Agriculture) programme and the student intake was increased to 60 from the year 1991. The Institute was upgraded as a research Institute in the year 1997 and Postgraduate Programmes in two disciplines viz., Soil Science and Agricultural Chemistry and Plant Breeding and Genetics were started during 1999-2000. Two more disciplines were added to the list viz., Agronomy and Agricultural Entomology during 2001 and later on Postgraduate programme was started in Agricultural Economics and Horticulture (Vegetable Science) during 2002-03. The postgraduate programme is conducted with strength of 5 students in each discipline totalling to 30 students per year. This institute offers a fellowship of Rs.2000/- to all the postgraduate students who are admitted in this institute. From the academic year 2016-17 onwards, this college is also offering another four year undergraduate degree programme viz., B. Sc. (Hort.).

The nomenclature of the undergraduate degree programmes were revised as B. Sc. (Hons.) Agriculture and B.Sc. (Hons.) Horticulture with effect from the academic year 2018-19 as per the recommendations of the fifth Deans Committee Meeting of the ICAR.

1.2 Growth of the Institute



Fig. 2 University Team Visit during Acquisition and land development for the establishment of Agriculture College

The college was initially functioning in temporary structures in the Karaikal town, with very limited hostel facility. The land for the college was acquired at Serumavilangai and Surakudy revenue villages of Nedungadu commune, which is 10 km away from Karaikal town. The land is spread over Eastern and Western Blocks in an area of 225 acres. The Central Farm Complex (CFC) buildings were

constructed in the western block and the college was shifted from Karaikal town to Serumavilangai village. The college functioned in this block for a period of 10 years from 1990 to 2000. From 2000 onwards, the college developed its new administrative, academic and hostel buildings in the eastern Block. The ICAR constituted an Expert committee to study the system of Agricultural education outside Agricultural University system under the chairmanship of Dr. Kirti Singh. The team visited PAJANCOA&RI during

January 1999 and reported that the college has a potential of good institution for imparting quality education and any external funding and guidance will certainly improve the educational standards of students and teachers (Page 39 of Report of Expert Committee, 2001) (**Annexure 2**). At present, each and every Department is headed by a Professor and staffed with well qualified and highly experienced faculty. Many staffs are the alumni of this institution, where they were nurtured and trained. It is the pride of the institution that its own alumni have come to occupy positions of responsibilities as teachers to teach the science and art of agriculture, which they have themselves learnt here. The institute is also recognized by University Grants Commission under Section 2(f) & 12(B) of UGC act (**Annexure 3**).

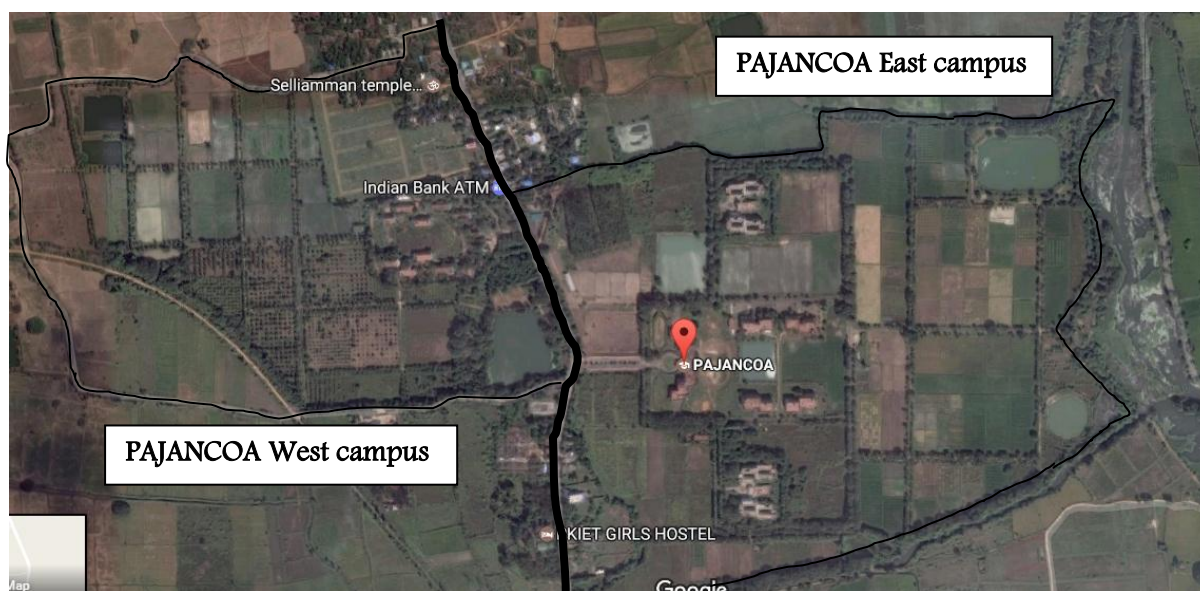


Fig. 3 Satellite imagery of Institute and Farm

The college is having collaboration with the French school of Agriculture viz., Lycee Agricole, Charles Baltet, Saint Pouange 10110, France since 2009 and is conducting a training programme on Indian Agriculture to the BTSACE students of the said Institute. Every year the training programme is conducted for a period of five weeks in the months of February – March.

1.3 Academic Programmes at a Glance

The college offers following undergraduate and postgraduate degree programmes. The curricula of the said academic programmes are as per the report of ICAR fourth Dean's Committee Meeting.

Table 1.1 Degree programmes offered at PAJANCOA&RI

Level	Sl. No.	Degree programme	Duration (Years)	Semesters
Under graduate	1.	B.Sc.(Hons.) Agriculture	4	8
	2.	B.Sc.(Hons.) Horticulture	4	8
Post graduate	3.	M.Sc. Ag. (Agricultural Economics)	2	4
	4.	M.Sc. Ag (Agricultural Entomology)	2	4
	5.	M.Sc. Ag. (Agronomy)	2	4
	6.	M.Sc. Ag. (Genetics and Plant Breeding)	2	4
	7.	M.Sc. Ag. (Soil Science and Agricultural Chemistry)	2	4
	8.	M.Sc. Hort. (Vegetable Science)	2	4

1.4 Present Status of the Institute

The college has full-fledged seven departments along with different units wherein undergraduate courses are conducted in all departments effectively and postgraduate programme in six departments with all the requisite facilities for fulfilling the mandatory objectives.

1.5 Visit of VVIP dignitaries to the college

The details on the visit of VVIP dignitaries to the college during the last five years are given in Table 1.2.

Table 1.2 Visit of VVIP dignitaries

Sl. No.	Date	Name of the visitor with designation / address	Purpose
1.	05.01.2014	Virendra Kataria, Lieutenant Governor Chandraker Bharti, IAS, Secretary (Agri.)	Inspection of college
2.	03.01.2015	Mr. Amarendra Sinha, IAS, Special. Secretary & Development Commissioner (MSME), Govt. of India. Mr. R. Mihir Vardhan, IAS, Secretary (Agri.), Mr. Balakrishnan, IAS, Secretary (PWD),	For site inspection for the establishment of (FFDC) at PAJANCOA & RI, Karaikal
3.	11.02.2015	Col. Anil, Commander S. Nanded, Pondicherry	To Inspect the NCC cadets
4.	16.04.2015	Dr. N. Arumugam, Dept. of Biotechnology, Dr. R.P. Raya, Dean, School of Management, Mr. P. Gunasekaran, Assistant Registrar, Mr. S. Pannirselvame, Registrar i/c, Mr. N. Sankaramourthy, Asst. Engg. (Civil), Mr. Kesavasamy, Internal Audit Officer, Pondicherry University.	Affiliation team from Pondicherry University
5.	06.02.2016	Mr. R. Mihir Vardhan, IAS, Secretary (Agri.)	To review the college activities

Sl. No.	Date	Name of the visitor with designation / address	Purpose
6.	11.03.2016	Dr. V. J. Chandran, IPS, Senior Supdt. of Police (Law& Order), Puducherry Dr. K. Manivannan, Director (Academic Affairs), Annamalai University, Chidambaram.	Chief guest at Sports Day 2016
7.	15.03.2016	Mr. K. Mathiazhagan, Additional Director of Agriculture, Karaikal – 609 605	Chief guest for the Training Programme on “ <i>Quality Seed Production in Rice and Rice fallow Pulses</i> ” to seed growers and Farmers of Karaikal
8.	22.03.2016	Dr. A. Ramamourti, Director of Agriculture, Govt. of Pondicherry.	Delivered presidential address on the seminar on Quality seed production in Agricultural products.
9.	15.07.2016	Mr. D. Manikandan, IAS, Secretary (Agri.)	To review the College activities
10.	22.11.2016	Mr. K. Mathiazhagan, Additional Director of Agriculture, Karaikal – 609 605	Inaugurated the Training Programme on “ <i>Enhanced production technologies in vegetable crops</i> ” to Horticultural Officers
11.	24.11.2016	Mr. Kamalakannan, Honourable Agriculture Minister, Government of Puducherry	Chief guest of Valedictory function on “ <i>Enhanced production technologies in vegetable crops</i> ” to Horticultural Officers
12.	25.11.2016	Dr. V. J. Chandran, IPS, Senior Supdt. of Police (Law& Order), Puducherry	Chief guest for Career guidance programme
13.	01.03.2017	Dr. P. Sunil, IMD Official, GKMS	GKMS – scheme – Review
14.	27.03.2017	Mr. Kamalakannan, Honourable Agriculture Minister, Government of Puducherry	Chief guest of Seed Day function
15.	04.04.2017	Mr. Parthiban, IAS collector and Th. Kesavan, Sub collector, Karaikal	Chief guest of College day function
16.	05.04.2017	Mr. D. Vamseedhara Reddy, SP(South), Karaikal	Chief guest of Sports Day function
17.	06.04.2017	Shri. K. Veeramany, IRS, Deputy Commissioner of Income Tax, Ministry of Finance, (Govt. of India), Puducherry	Chief guest of Hostel Day function
18.	25.10.2017	Dr. Kiran Bedi, Lt. Governor, Government of Puducherry	Addressed the student
19.	20.1.2018	Mr. Ashwani Kumar, IAS, Chief Secretary–cum – Chairman	Review of the Institute
20.	22.02.2018	Dr. S. Ramasubramaniam, Scientist, Regional Remote sensing Centre, ISRO, Department of Space, Government of India, Bangalore	Official purpose
21.	04.04.2018	Mr. Vamseedhara Reddy, Superintendent of Police, Karaikal.	Chief guest of Sports day function

1.6 Authorization

The Dean is the chief academic and executive officer of the college for implementation and execution of the decisions of Board of management and the University at College level with respect to administration, education, research and extension. He is supported by different Heads of the departments and administrative officers. The Board of management/ University decisions are communicated to respective Heads of the departments and administrative officers for getting compiled report to be sent to respective authorities. The Dean is responsible for imparting education prescribed by the University through various departments, implementations of research and extension activities at College headquarters. The financial, audit matters and administration at College level is managed by the Dean under the guidance of the Board of Management.

1.7 Authorities and their Composition, Power and Responsibilities

Authorities of the society:

The following shall be the authorities of the society, viz.,

- i) The General Body
- ii) The Governing Body and the Executive Committee and
- iii) Such other committees as have been appointed or as may be appointed by the General Body from time to time specifying their duties, powers and functions.

1.7.1 General Body

The General body of the members of the society shall consist of the following persons,

- | | |
|---|-----------------------|
| 1. Chief Secretary to Government of Puducherry | - Ex-officio Chairman |
| 2. Secretary to Government in-charge of Finance, Puducherry | - Member |
| 3. Secretary to Government in-charge of Agriculture, Puducherry | - Member |
| 4. Secretary to Government in-charge of Education, Puducherry | - Member |
| 5. Director of Agriculture, Government of Puducherry | - Member |
| 6. Two nominees of Puducherry University | - Member(s) |
| 7. Two nominees of the teaching staff of the faculty of the college | - Member(s) |
| 8. Director, Animal Husbandry Department, Puducherry | - Member |
| 9. Director, Fisheries Department, Puducherry | - Member |
| 10. Director, Education Department, Puducherry | - Member |
| 11. Managing Director, PASIC, Puducherry | - Member |
| 12. Dean of the College | - Member Secretary |
| 13. Minister for Agriculture, Government of Puducherry | - Visitor |

1.7.2 Governing Body

- 1) The Governing Body is composed of the Board of Governors, Pandit Jawaharlal Nehru College of Agriculture (Karaikal) Society.
- 2) The Governing Body may co-opt from time to time for such period as may be deemed fit, representation of other organizations of institutions which may be concerned with the work or programme of the society and the individuals with special knowledge or interest in such work or programme.
- 3) The members nominated by the State Government shall hold office during the period of the Government and at any rate shall not hold office for a period exceeding three years; provided that: –
 - a) the members appointed by virtue of their office shall cease to be members when they cease to hold such office and
 - b) a member shall cease to hold office if he resigns or becomes of unsound mind or is adjudged as insolvent or is convicted of a criminal offence involving moral turpitude.

Board of Governors

- | | |
|---|-----------------------|
| 1. Chief Secretary to Government of Puducherry | - Ex-officio Chairman |
| 2. Secretary to Government in-charge of Finance, Puducherry | - Member |
| 3. Secretary to Government in-charge of Agriculture, Puducherry | - Member |
| 4. Secretary to Government in-charge of Education, Puducherry | - Member |
| 5. Secretary to Government, Law Department, Puducherry | - Member |
| 6. Director of Agriculture, Government of Puducherry | - Member |
| 7. Two nominees of Puducherry University | - Member(s) |
| 8. Two nominees of the Teaching faculty of the college | - Member (s) |
| 9. Managing Director, PASIC, Puducherry | - Member |
| 10. One Agricultural educationist of Karaikal region | - Member |
| 11. One Agriculturist from Puducherry region | - Member |
| 12. One Lady Social worker | - Member |
| 13. The Dean of the College | -Member Secretary |

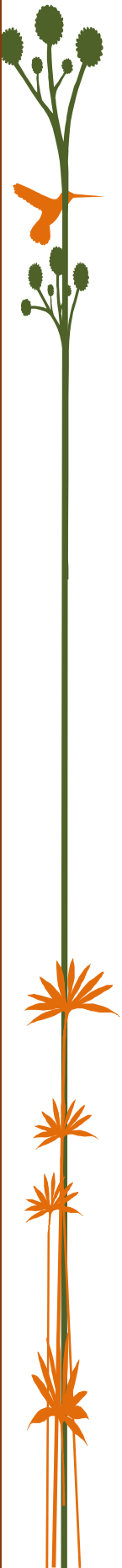
Powers and functions of the Board

- 1) Subject to the provision of the Act, the Board shall manage the society and its institutions in such manner as to promote its objects. It shall have full powers and authority to deal with all matters, things and deeds which are necessary and expedient to carry out the said objects.

2) Without prejudice to the generality of the foregoing powers the Board shall have and shall perform the following powers and functions, namely:

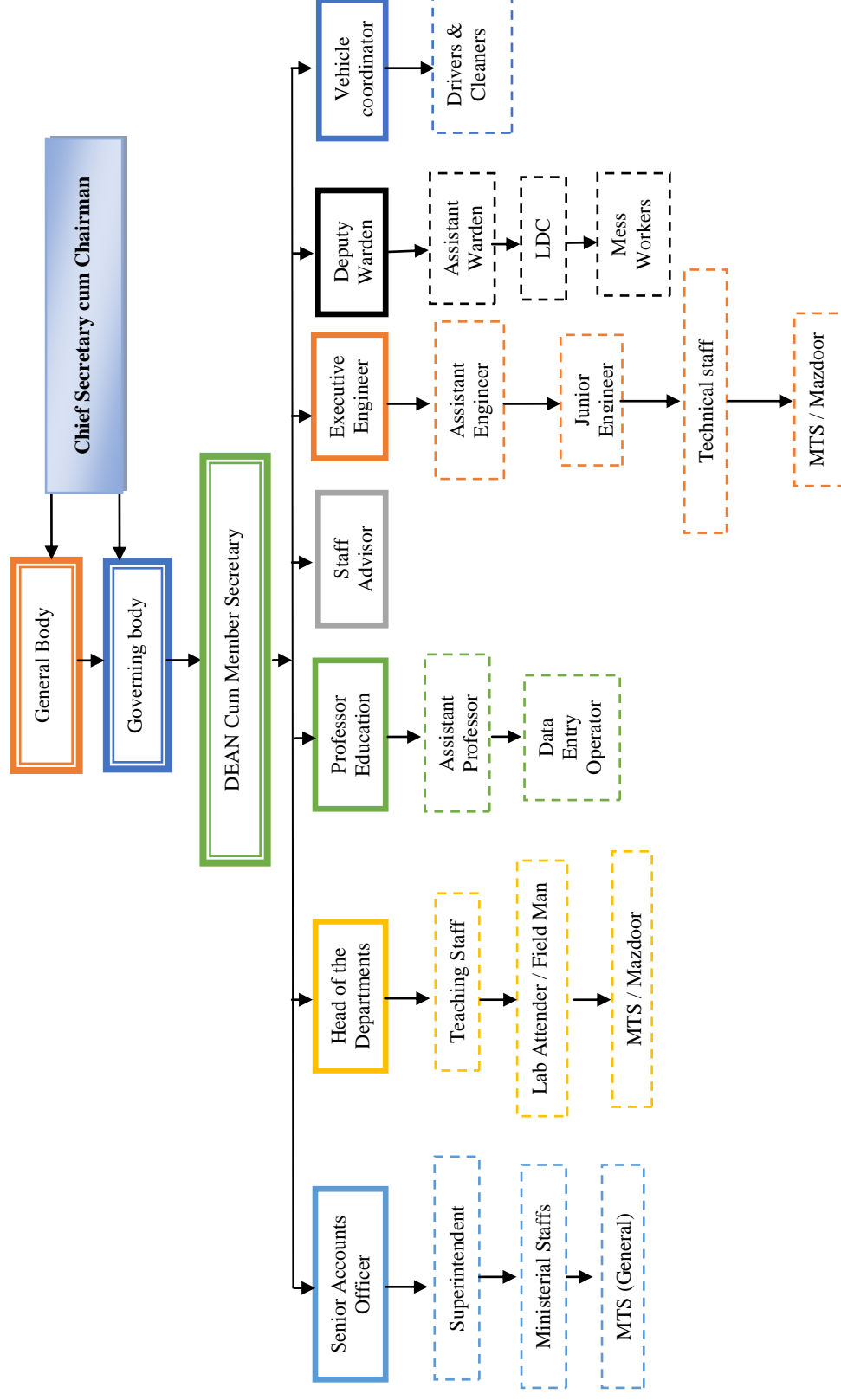
- a) framing of board policies to carry out the objects of the society;
- b) to make such bye-laws as they shall think essential for the regulation of the business of the society;
- c) to consider and sanction Budget Estimates;
- d) sanction of expenditure in accordance with the financial bye-laws;
- e) to invest the funds of the society in State Bank of India and other nationalized Banks or Trustee Securities;
- f) to borrow moneys on such terms and conditions as are deemed expedient;
- g) to prepare and execute plans and programmes for the establishment of the college and other institutions and to carry on the administration and management after such establishment;
- h) to receive grants and contributions and to have custody of the funds of the society and to manage the properties of the society;
- i) to prescribe and conduct course of study, training, and research in different branches of Agriculture for the advancement of learning and dissemination of knowledge in such branches;
- j) to prescribe rules and regulations for the admission of students to the various courses of study in conformity with the policy approved in this behalf by the State and the Central Government;
- k) to prescribe rules and regulations for and to hold examinations and declare the results and award for courses other than those for University Degree and in respect of the latter to make all such arrangements as it may be required to do by the statutes, ordinances and regulations of the University to which the college is affiliated;
- l) to institute and award fellowships, scholarships, prizes and medals;
- m) to provide for and supervise the residence, health, discipline and well-being of the students of the college;
- n) to create posts and regulate recruitment of staff of the society and its institutions;
- o) to enter an agreement or contract with any Government or local authority to obtain from such Government or local authority any right, privilege or concession effectually or other for purposes of carrying out the objects of the society;
- p) to draw, accept, endorse, discount, execute, assign, issue and otherwise deal with cheques, hundis, drafts, certificates, receipts, Government securities, promissory

- notes, bills of exchange or other instruments whether negotiable or not for the purpose of the society;
- q) to prescribe the courses of studies at the society, add or omit any course there to there from;
 - r) to pay all costs and expenditure incurred for the promotion, establishment and registration of the society;
 - s) to co-operate with any other organization in the matter of education training and research in Agriculture;
 - t) to enter into agreements for and on behalf of the society;
 - u) to sue and defend all legal proceedings on behalf of the society;
 - v) to appoint committees for the disposal of any business of the college or for tendering advice in any matter pertaining to the society;
 - w) to delegate to such extent as it may deem necessary, any of the powers to any office or committee;
 - x) to make, adopt, amend, vary or rescind from time to time, bye-laws for the regulation, of, and for any purposes connected with the management and administration of the affairs of the society and for the furtherance of its objects;
 - y) to make, adopt, amend, vary or rescind from time to time, bye-laws:
 - i) for the conduct of the business of the Board and the Committee to be appointed by it or by these rules;
 - ii) for delegation of its powers;
 - iii) for fixing the quorum, or
 - iv) for the co-option of members of the Board.
- 3) to do all other acts and things either alone or in collaboration with such other organization or person, as the society may consider necessary incidental or conducive to the attainment of the afore said objectives or any of them;
- 4) The Chairman of the Board shall exercise such of the powers of the Board in cases of emergency, subject to ratification of the Board, later.

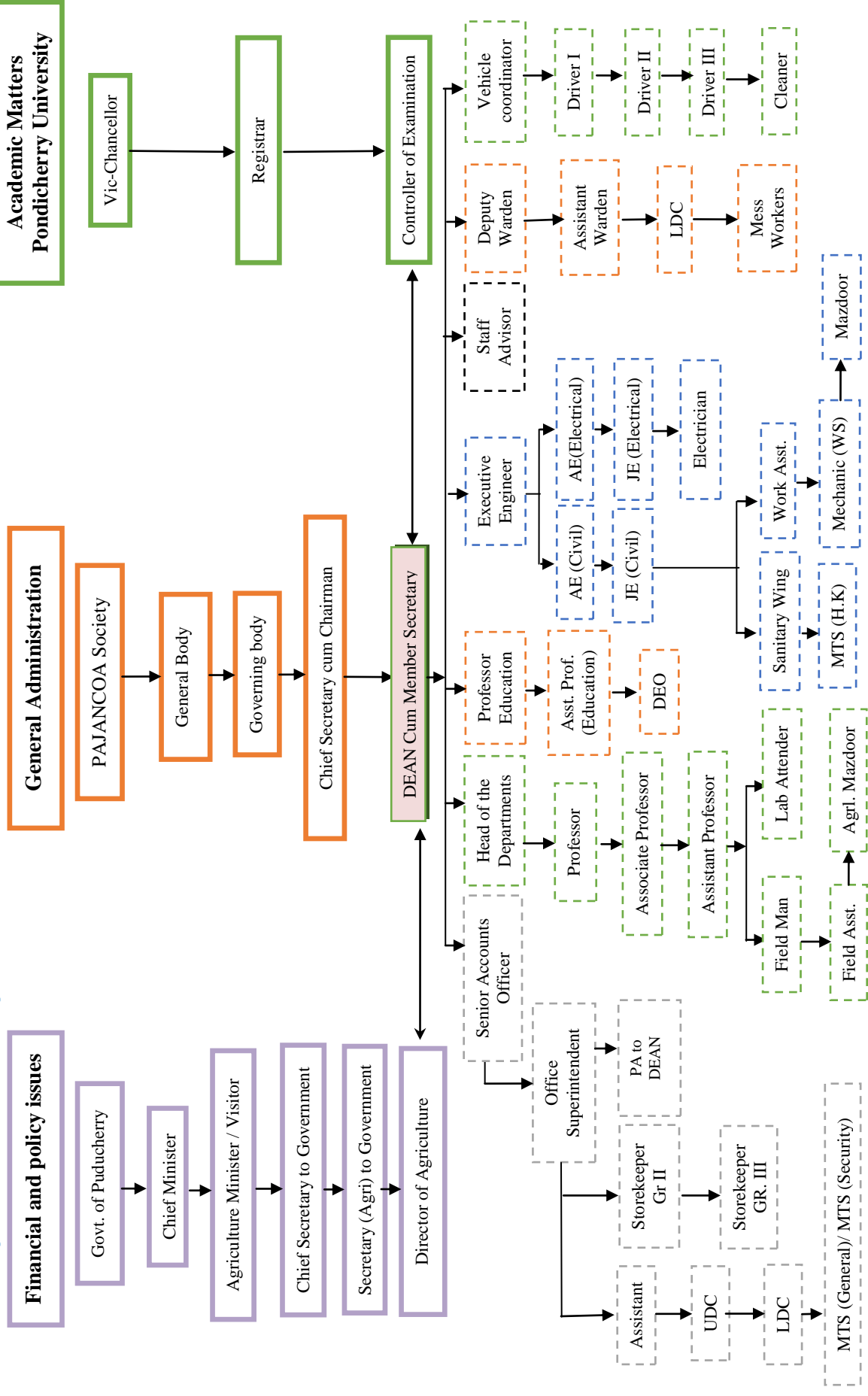


Organisational Structure

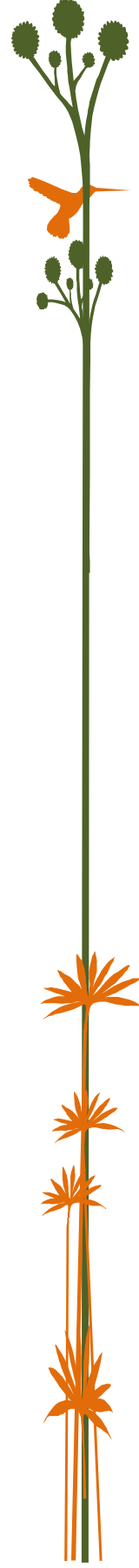
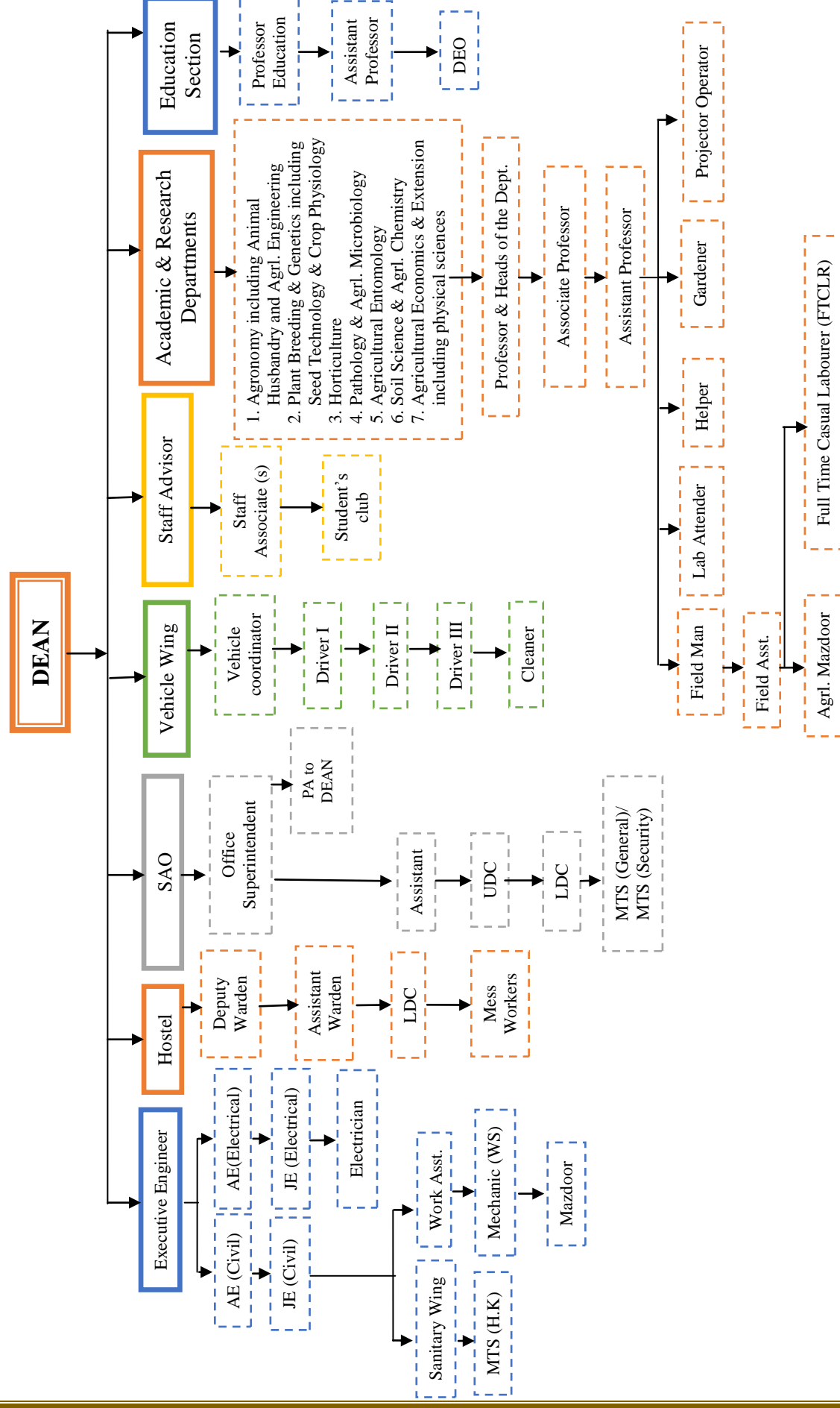
PAJANCOA (Karaikal) Society



Decision making process and functioning



Channel of communication within the institution



6.5.1. COLLEGE ADMINISTRATION

6.5.1.1 College Dean's office establishment

The Dean post has been sanctioned by the Government of Puducherry as per the ICAR model act. The Dean tenure is for a period of three years from the date of appointment. The Recruitment Rules of the post of the Dean has been published in the *Gazette of the Government of Puducherry* (**Annexure 4**). The present Dean was appointed on October 6, 2015. In the office of the Dean, both non-technical and technical persons are working for Education and Administration. Separate offices have been established for Education and Administration. Each office is provided with computer and furniture. The Dean's chamber is annexed with a rest room.

Whether Dean's post is sanctioned as per ICAR model Act/ UGC guidelines	:	Yes
Date of appointment of current Dean	:	06.10.2015
Mode of Selection	:	Appointment
Tenure	:	Three years
Total No. of Staff in Dean's office	:	21
Technical	:	4 (Dean + TPO +Education section)
Non-technical	:	17

The Dean's secretariat has an office with the following staff in order the assist the Dean in establishment and accounts related matters of the college.

Cadre of staff	Number of staff
1. PA to Dean	1
2. Attender in Dean's office	1
3. Senior/Junior Accounts Officer	~*~
4. Superintendent	1*
5. Assistant	2
6. UDC	2
7. LDC	4
8. Data Entry Operator	1
9. Attender	1
10. Typist	1
11. MTS (Security)	3

* One post vacant

Infrastructure facilities available in the Dean's Secretariat

The Dean's secretariat has the required infrastructure for running the day-to-day activities.

Components in Dean's Secretariat	Area in sq.m.	Infra structure available
Dean's Chamber (including visitor's hall)	62	Telephone, fax machine, intercom, one computer with internet. file storage cabinet, printer, program board, furniture for Dean as well as guests and air conditioner; annexed with rest room; CCTV Monitoring system
Cabin of PA to Dean	13	Computers with internet, printer, Telephones, filing cabinet
Administrative Office	146	Computers with internet, printers, file storage steel cabinet, cup boards and furniture.
Education section	195	Computers with internet, printer, one photocopier, Digital duplicating machine, telephone, scanner, steel cabinet with lock facility, filing racks, program boards, CCTV monitoring system and required furniture

As per the rules and regulations of the Society, **the Central Civil Services rules for all General conditions of services of the staff** of the society and Institution are made applicable mutatis mutandis to the Employees of the College unless separate bye-laws are brought into force for the society.

1) The Central Civil Services (General Conditions of Services) Rules, 1981

The Central Civil Services (Pay) Rules, 1981;

The Central Civil Services (CCA) Rules, 1981;

The Central Civil Services (Leave) Rules, 1981; and

2) The Executive Committee/ Board of Governors will determine from time to time, the competent authorities for execution of the rules mentioned in clause (1) above.

6.5.1.2 Monitoring Mechanism for Quality Education

At the college level, Dean of the college is the Chief Academic Executive and Administrative Officer. He executes day to day working of the college with department/Unit heads and supporting staff. The Dean is supported by the Senior Accounts Officer (SAO) in the administrative affairs and in the matters of finance. The directions

received from Chief Secretary cum chairman/Board of Governors are being implemented at college.

Planning

a) Education

Subject planning and its up-gradation are being initiated at respective unit/department levels, discussed in the Board of Studies at the University level and submitted further to Academic Council of the University for final approval.

b) Research

Need based research is initiated and then presented in research planning meeting of respective discipline at college level and submitted to the Dean through the research co-ordinator for final approval.

c) Extension

Need based short and long term extension strategies get initiated at the extension unit, discussed in the Research Extension interface monthly meeting in collaboration with the Department of Agriculture and Krishi Vigyan Kendra and submitted to the Dean for formulation of extension programme of the college.

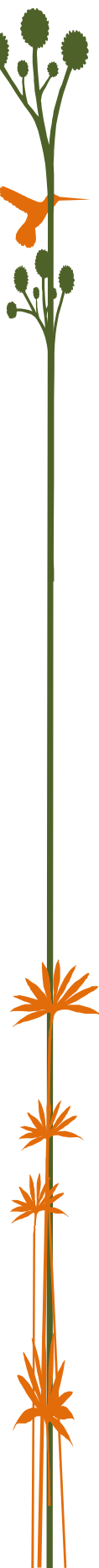
The Field Appraisal and Farm Advisory Committee (FAFAC) makes a joint field visit with the officials of Agricultural Technology Management Agency (ATMA) and Subject Matter Specialist (SMS) of KVK to come up with need based and location specific recommendations.

d) Administration

Administrative matters pertaining to the departments are discussed in the Heads of departments meeting called by the Dean, and if required communicated to the Chief Secretary cum Chairman through the Secretary to Government (Agriculture) for further needful action.

e) Finance

Budget requirement and their utilization by the College are compiled by the Senior Accounts Officer. **Every year the statutory audit is conducted and the Audit Utilization Certificates are submitted to the Department of Agriculture, Government of Puducherry.** Every year during second or third week of May, the audit party from the regional office of the Accountant General of India inspects the records of the institution and submits its recommendation to Accountant General of India (Chennai & Puducherry).



Monitoring Process

a) Education

The Heads of departments supervise periodically the educational activities in their respective subjects. The Dean takes review of these activities along with Professor (Education) by inviting frequent meetings of the Heads of departments. Further the review is discussed in the Board of Studies at University level. If required, the subjects of discussion are placed in the Academic Council.

All educational programmes are implemented as per the recommendations of ICAR Model Act and Guidelines issued by ICAR authorities and through the directives of Pondicherry (Central) University, from time to time.

b) Research

Research projects are approved by the Dean. The research schemes are inspected by the respective Heads of the Department, Research Coordinator and Dean and the results are being presented and discussed in research review committee meeting or workshops.

c) Extension

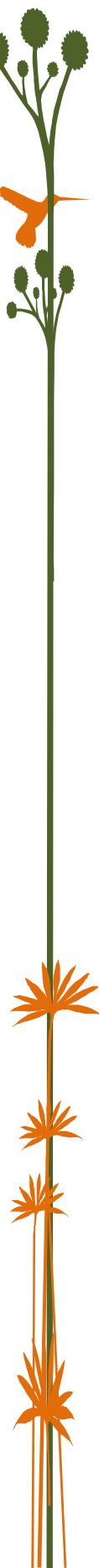
Extension programmes carried out by the faculties are supervised and monitored by the Dean. The reports are being presented and discussed in respective Zonal Agricultural Research and Extension Advisory Committee Meeting.

For all these above activities of the College, the ICAR Model Act, 1994 and guidelines there in are being followed scrupulously.

6.5.1.3 CC/Board of Studies

Different Boards of Studies exist at the college level. At present the following Boards of Studies are existing.

1. UG Board of Studies in Agriculture
2. PG Board of Studies in Agricultural Economics
3. PG Board of Studies in Agricultural Entomology
4. PG Board of Studies in Agronomy
5. PG Board of Studies in Plant Breeding and Genetics
6. PG Board of Studies in Soil Science and Agricultural Chemistry
7. PG Board of Studies in Vegetable Science



All the Boards of Studies are composed by the internal members (faculty of the college) and external members (subject experts from different SAU's). The Board is reconstituted every three years as per the requirement of the Pondicherry University. The composition of the different Boards of Studies are given in **Annexure 5** and the details on the dates of meetings of the boards of studies are given in Table 6.5.1.3.

Table 6.5.1.3 Meetings and the major recommendations of the different Boards of Studies

Board	Meeting No.	Date of meeting	Major recommendation
UG Board of Studies in Agriculture	1	14.10.2015	<ul style="list-style-type: none"> Framed the Rules and Regulations of B.Sc. (Agri) Framed the syllabus for B.Sc. (Agri) as per the norms of ICAR.
	2	27.06.2016	<ul style="list-style-type: none"> Framed the syllabus for B.Sc. (Hort) as per the norms of ICAR.
	3	20.03.2018	<ul style="list-style-type: none"> Changed the nomenclature of UG degree programmes as B.Sc. (Hons) Agriculture and B.Sc. (Hons) Horticulture, as per the recommendations of fifth Deans Committee Meeting of ICAR. Revised the eligibility criteria of admission as per the recommendations of fifth Deans Committee Meeting of ICAR.
PG Boards of Studies	1	15.10.2015	<ul style="list-style-type: none"> Framed the Rules and Regulations of PG programmes. Framed the syllabus for the respective degree programmes as per the norms of ICAR
	2	16.10.2017	<ul style="list-style-type: none"> Modified the Rules and Regulations of the PG programme as suggested by the Pondicherry University
	3	27.03.2018	<ul style="list-style-type: none"> Changed the nomenclature of PG degree programmes as per the recommendations of fifth Deans Committee Meeting of ICAR
	4	19.07.2018	<ul style="list-style-type: none"> Revised the eligibility criteria of admission

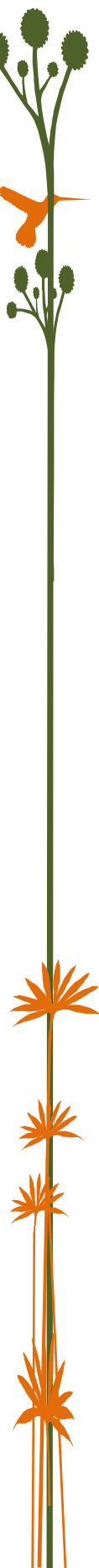
6.5.1.4 Anti Ragging Cell

In pursuance to the Judgment of the Hon'ble Supreme Court of India dated 08.05.2009 in Civil Appeal No. 887/2009, the University Grants Commission has framed "UGC Regulations on curbing the menace of ragging in higher educational institutions, 2009" which have been notified on 4th July, 2009 in the Gazette of India. The College strictly follows the Judgement of Hon'ble Supreme Court of India and the "UGC regulations on curbing the menace of ragging in higher educational institutions".

An Anti-ragging Committee is formed to monitor ragging related issues of the new entrants every year in the College and hostels. The Anti-ragging Committee offers counselling to the freshers and circulates mobile number, website and other contact details. Anti-ragging duty is assigned to the committee members to monitor ragging. Anti ragging squad constituted by the College monitors the campus area to prevent ragging of new entrants. Anti-ragging notices are displayed in the College premises. Awareness campaigns are organized along with the Police Department.

Apart from anti-ragging committee and squad, teaching staff members are entrusted with anti-ragging monitoring duty in each hostel in eight hours shift along with the residential tutors of each hostel and they interact with both senior students and freshers to prevent ragging activities. In strategic places, flex boards are put up to emphasize anti-ragging. These boards will have the personal cell numbers of the Dean and the Deputy Warden in the campus. Handouts are given to all the students with information on the implications of ragging. Each and every student is advised through Academic Counsellor and Year Coordinators to know the updated details about anti-ragging. Students are sensitized and advised not to indulge in ragging. The composition of Anti Ragging Committee and Anti Ragging Squad during the past five years is furnished in the enclosed **Annexure 6**.

As per the Hon. Supreme Court & GC/MHRD Regulations, all students fill in an Anti Ragging Undertaking, each year. Every year before the arrival of new comers "Anti ragging Awareness" meeting is conducted for senior students. Dean, Professor (Education), Deputy warden and the academic year coordinators will address the students on implications of ragging. Notices on the evils of ragging are displayed in the notice boards of the college and hostels. Anti ragging pledge will be administered to senior students. Students are also made to sign a declaration for anti-ragging.



6.5.1.5 Biological waste disposal facility

The campus has waste segregation and disposal facility.

- The biological waste produced in the farm lands are collected and composted and used for field application.
- The chemical liquid wastes from the UG and PG laboratories are collected properly, diluted and disposed safely using soak pits.
- The radioactive materials are not used in the College.
- Solid wastes are being handed over to sanitary section of the College and in turn they are handed over to City Corporation for disposal.
- E-wastes generated from the College are auctioned periodically and disposed.

6.5.1.6 Institutional ethics Committee for Experiment on Animals

Not applicable.

6.5.1.7 Committee for prevention of sexual harassment of women at work places

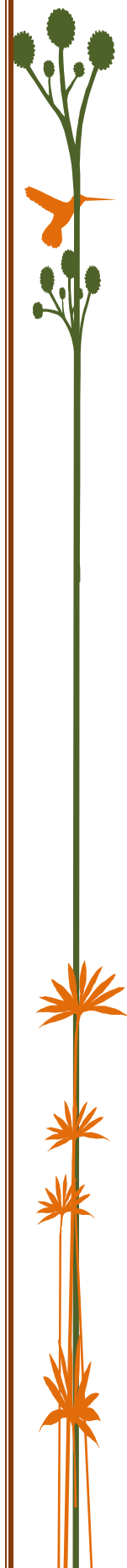
The college has an **Internal Complaints Committee (ICC)** consisting members from different stake holders of the College like teaching faculty, non-teaching staff, students as well as from outside institutions like NGO. The college is strictly adhering the “Prevention, Prohibition and Redressal Act, 2013” sexual harassment of women at workplace in letter and spirit. The composition of the Internal Complaints Committee is given Table 6.5.1.7.

Table 6.5.1.7 Composition of Internal Complaints Committee

Sl. No.	Name and designation	Position in the ICC
1.	Dr. L. Umamaheswari, Asst.Prof. (Ag. Econ)	Presiding officer / Chairman
2.	Dr. T. Ramanadane, Professor (SST)	Member
3.	Dr. C. Susheela, Professor (Agronomy)	Member
4.	Mr. S. Saravanan, Asst. Prof. Comp. Sci.)	Member
5.	Mr. S. Asaithambi, Office Superintendent	Member
6.	Mrs. V. Sundarambal, Stenographer Gr. II	Member
7.	Ms. A. Agila, Final Year Girls representative	Member
8.	Mr. Sure Naveen, Final Year Boys representative	Member
9.	Ms. Jesu Rethinam, Director, SNEHA – NGO	External Member

The dates of proceedings of the Internal Complaints Committee in the last five years are given below

Year	Dates of proceedings
2014	NIL
2015	19 th October
2016	12 th January
2017	02 nd and 10 th May; 28 th and 30 th June
2018	31 st January; 14 th March; 14 th , 16 th and 24 th May; 18 th June; 5 th , 20 th and 28 th July; 03 August; 17 th October; 14 th December



6.5.2. FACULTY

Categories of Officers/Employees

This college was established on 2nd October 1987 by Societies Registration Act, 1860 (Central Act No. 21 of 1860). As per the Act, the College has three categories of officers *i.e.* Executive, Academic and other Officers. The Chief Secretary to Government and Secretaries to Government are the Executive Officers, whereas, the Dean of the College and Faculties are academic officers while the rest of the Officers and supporting staff are Administrative and other officers.

As per the rules and regulations of the PAJANCOA (Karaikal) Society, following are the Executive, Academic and Administrative Officers:

A) Executives

- i) The Chief Secretary (Govt. of Puducherry) – Ex-officio Chairman
- ii) The Secretaries to Government, Govt. of Puducherry – Ex-officio Members

B) Academic Officers

- i) Dean
- ii) Professors
- iii) Associate Professors
- iv) Assistant Professors

C) Administrative/ Other Officers

- i) Executive Engineer
- ii) Junior Engineers (Civil and Electrical)
- iii) Senior Accounts Officer
- iv) Superintendent
- v) Office Assistants/ UDC/ LDC/ Storekeepers
- vi) Assistant Librarian
- vii) Lab Attenders/ Attenders/ Multi-Tasking Staff (MTS)
- viii) Mazdoors/ Agriculture Mazdoors

As per the decisions of the Governing Body from time to time and at the discretions of the Dean, the Academic Staff Members in addition to the duties of teaching, research and extension activities, shall hold one of the following responsibilities, for the definite time period allotted, as may by an order be specifically allotted by the Dean.

- i) Head of the Department
- ii) Professor (Education)
- iii) Deputy Warden
- iv) Staff Advisor
- v) Research Co-ordinator
- vi) Academic Year co-ordinators/ Sports co-ordinators
- vii) Library convenor
- viii) Vehicle co-ordinator *etc.*

6.5.2.1 Faculty strength

The Table 6.5.2.1 gives the present position of the faculty in the College.

Table 6.5.2.1 Department-wise faculty strength

Sl. No.	Department	Discipline	No. of Faculty position sanctioned			Faculty position filled (by recruitment /promotion)			Vacancy
			Prof.	Assoc. Prof.	Asst. Prof.	Prof.	Assoc. Prof.	Asst. Prof.	
1.	Agricultural Economics and Extension	Agri. Econ.	1	1	5	2	~	5	~
		Agri. Extn.	~	1	2	1	1	1	~
		Maths	~	~	1	~	~	1	~
		Comp.Sci.	~	~	1	~	~	1	~
		Agri. Stat.	~	~	1	~	~	1	~
2.	Agricultural Entomology	Agri. Ento.	1	2	4	1	~	1 + 3*	2
		Nematology	~	~	1	1	~	~	~
3.	Agronomy	Agronomy	1	3	7	6	~	3	2
		Animal Husb.	~	~	1	1	~	~	~
		Agri. Engg.	~	~	2	~	~	1*	1
4.	Plant Breeding and Genetics	Pl. Br. & Gen.	1	2	5	3	~	2+1*	2
		Seed Tech.	~	1	1	2	~	~	~
		Cr. Physiol.	~	~	2	~	~	1	1
5	Plant Pathology	Pl. Path.	1	1	2	2	~	1	1
		Agri. Mic.	~	1	1	2	~	~	~
6	Soil Science & Agricultural Chemistry		1	2	4	4	~	2	1
7	Horticulture		1	2	5	4	~	2+1*	1
8	Physical education		~	~	2	~	~	1	1
Total			7	16	47	29	1	28	12

* Contract Teachers

6.5.2.2 Faculty profile (department wise)

The College has adequate and well equipped faculty to cater the needs of the different degree programmes offered. The various developmental programmes attended by the faculty in the last five years are given in Table 6.5.2.2

Table 6.5.2.2 Development programmes attended by the faculty during the last 5 years.

Sl. No.	Department	Faculty Development Programme									
		Refresher/ Summer / Winter Courses		Study Leave		Workshop/ Seminars / National Symposium		Sabbatical Leave		International Symposium / foreign visits	
		No	%	No	%	No	%	No	%	No	%
1.	Agricultural Economics and Extension	3	21	1	7	5	36	~	~	2	14
2.	Agricultural Entomology	~	0	~	~	1	14	~	~	~	~
3.	Agronomy	3	21	~	~	9	64	~	~	3	21
4.	Plant Breeding and Genetics	3	27	~	~	5	45	~	~	1	9
5.	Plant Pathology	1	17	~	~	4	66	~	~	2	33
6.	Soil Science & Agricultural Chemistry	1	14	1	14	4	57	~	~	1	14
7.	Horticulture	2	29	~	~	2	29	~	~	~	~
	Physical education	~	~	1	100	~	~	~	~	~	~

(Note: Percentage calculated on the number of filled in posts of respective Department)

6.5.2.3 Credentials of the Faculty

The College has appointed competent faculty members qualified to accomplish the mission and goals of the Institution. The highest educational qualification of the faculty reflecting their academic credentials is given below and also the detailed academic credentials of the faculty working in this college is given in Table 6.5.2.3.

Department	Ph.D.		M. Sc. / M. Tech.	
	No.	%	No.	%
Agricultural Economics and Extension	10	77.0	3	23.0
Agricultural Entomology	5	83.3	1	16.7
Agronomy	10	90.9	1	9.1
Plant Breeding and Genetics	7	77.8	2	22.2
Plant Pathology	4	80.0	1	20.0
Soil Science & Agricultural Chemistry	6	100.0	0	0.0
Horticulture	7	100.0	0	0.0
Physical education	1	100.0	0	0.0
Total / Overall	50	86.2	8	13.8

(Note: Percentage is calculated on the number of filled in posts of respective departments)

Table 6.5.2.3 Credentials of the faculty

Discipline	Name of the faculty	Designation	Total years of service	Field of specialization	Awards / Medals/ Fellowships/ Recognitions	Publications				PG students guided	
						Books / chapters	Research articles	Popular articles	Chairman	Member	
Horticulture	Dr. V. Kanthaswamy	Dean i/c	30	Veg. breeding	15	11	90	26	20	24	
Department of Agricultural Economics and Agricultural Extension											
Agricultural Economics	Dr. P. Nasurudeen	Prof.	35	Agrl. Marketing mgt.	3	3	112	10	17	20	
	Dr. A. Pouchepparadjou	Prof.	27	Environ. & Natural Resource Econ.	6	21	86	11	19	22	
	Dr. L. Umamaheswari	Asst. Prof.	18	Environ. & Natural Resource Econ.	4	7	20	6	10	13	
	Dr. N. Swaminathan	Asst. Prof.	16	Environmental Economics	8	4	72	5	7	8	
Agricultural Extension	Dr. K.S. Kumaravel	Asst. Prof.	12	Dairy Economics	3	5	18	7	2	~	
	Dr. T. Sivasakthidevi	Asst. Prof.	7	Agrl. Econ.	4	4	8	2	~	1	
	Mr. C. Aroutselvame	Asst. Prof.	3	Agrl. Econ.	1	~	3	7	~	~	
	Dr. A. Shaik Alauddin	Prof. & Head	30	Human Resource Devt.	1	1	26	28	~	4	
	Dr. S. Anandkumar	Assoc. Prof.	21	Agrl. Extn.	14	2	26	14	~	~	
	Dr. S. Parthasarathi	Asst. Prof.	16	Agrl. Extn.	1	2	12	10	~	3	



Discipline	Name of the faculty	Designation	Total years of service	Field of specialization	Awards / Medals/ Fellowships/ Recognitions	Publications				PG students guided	
						Books / chapters	Research articles	Popular articles	Chairman	Member	
Computer Science	Mr. S. Saravanan	Asst. Prof.	19	Comp. Sci.	-	1	5	-	-	-	-
Maths	Dr. C. Vidya	Asst. Prof.	7	Maths	1	-	8	-	-	2	
Statistics	Mr. K.C. Ayyoob	Asst. Prof.	7	Agri. Statistics	-	3	13	-	-	9	
Department of Agricultural Entomology											
Agricultural Entomology	Dr. K. Kumar	Prof. & Head	18	Insecticide toxicology	3	2	83	54	18	18	
	Dr. M. Kandibane	Asst. Prof.	13	Host plant resistance	4	2	92	36	8	6	
	Mr. K. Devarassou	Contr. Teacher	3	Ecological Ento.	-	5	15	2	-	-	
	Dr. L. Ramazeame	Contr. Teacher	3	IPM, Storage entomology	-	7	15	9	-	-	
	Dr. S. Palanivel	Contr. Teacher	1	Insect taxonomy	-	-	10	-	-	-	
Nematology	Dr. V. Ramesh	Prof.	22	Nematology	1	-	7	10	1	11	
Department of Agronomy											
Agronomy	Dr. R. Poonguzhalan	Prof. & Head	24	Weed Mgt.; soil fertility	2	1	81	28	12	33	
	Dr. V. Chellamuthu	Prof.	35	Cropping system; soil fertility	3	1	85	70	25	40	
	Dr. AL. Narayanan	Prof.	24	Agro-climatology	3	3	55	70	14	16	



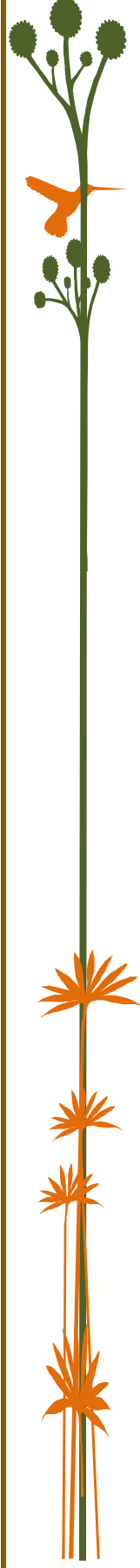
Discipline	Name of the faculty	Designation	Total years of service	Field of specialization	Awards / Medals/ Fellowships/ Recognitions	Publications				PG students guided	
						Books / chapters	Research articles	Popular articles	Chairman	Member	
Agronomy	Dr. R. Mohan	Prof.	24	Irrigation mgt; organic farming.	2	8	69	24	12	15	
	Dr. C. Susheela	Prof.	19	Crop production	2	-	5	16	2	2	
	Dr. S. Mala	Prof.	19	Forage crops; Nutrient mgt.	1	-	5	13	-	5	
	Dr. P. Saravanane	Asst. Prof.	13	Weed mgt;	5	2	18	26	-	3	
	Dr. V. Sridevi	Asst. Prof.	7	Crop production	2	-	42	2	-	2	
Animal Husbandry	Mr. Santosh Kumar Meena	Asst. Prof.	7	Nutrient mgt.	-	2	5	-	-	-	
	Dr. S. George Paradis	Prof.	24	Poultry science	5	2	12	31	-	2	
	Dr. S. Sivakumar	Contr. Teacher	4	Farm power and machinery	-	1	3	1	-	-	
Department of Horticulture											
Horticulture	Dr. A. Shanthi	Prof. & Head	22	Veg. production	6	1	36	67	12	7	
	Dr. G. Mohammed Yassin	Prof.	30	Veg. production	-	-	35	39	21	10	
	Dr. V. Sundaram	Prof.	26	Veg. Breeding	9	16	63	78	6	21	
	Dr. J. Sherly	Asst. Prof.	7	Vegetable production	2	1	15	6	-	-	



Discipline	Name of the faculty	Designation	Total years of service	Field of specialization	Awards / Medals/ Fellowships/ Recognitions	Publications				PG students guided	
						Books / chapters	Research articles	Popular articles	Chairman	Member	
Horticulture	Dr. M.S. Marichamy	Asst. Prof.	7	Spices and plantations	3	1	36	32	-	-	
	Dr. M. Manikandan	Contr. Teacher	1	Veg. production	6	12	15	23	-	-	
Department of Plant Pathology											
Plant Pathology	Dr. C. Retinasabbaddy	Prof.	29	Biocontrol;	1	12	49	20	-	9	
	Dr. C. Jeyalakshmi	Prof.	19	Biocontrol, IDM	15	16	210	30	-	2	
	Mrs. R. Renuka	Asst. Prof.	7	Biocontrol; mushroom production	-	30	31	4	-	-	
Agricultural Microbiology	Dr. S. Muthukumaraswamy	Prof. & Head	28	Biological nitrogen fixation	-	2	35	15	-	2	
	Dr. S. Sundaravarathan	Prof.	20	Biological nitrogen fixation	1	16	66	3	-	10	
Department of Plant Breeding and Genetics											
Plant Breeding and Genetics	Dr. R. Govindarassu	Prof. and Head	30	Rice & Sesame breeding	2	-	85	43	24	51	
	Dr. S. Thirumeni	Prof.	26	Molecular breeding	-	-	100	5	18	15	
	Dr. V. Krishnan	Prof.	24	Rice breeding	3	15	30	17	10	17	
	Dr. V. Vengadessan	Asst. Prof.	7	Molecular breeding	2	3	9	-	3	8	
	Mrs. D. Umamaheswari	Asst. Prof.	6	Tissue culture	1	4	8	-	-	1	



Discipline	Name of the faculty	Designation	Total years of service	Field of specialization	Awards / Medals/ Fellowships/ Recognitions	Publications			PG students guided	
						Books / chapters	Research articles	Popular articles	Chairman	Member
Plant Breeding and Genetics	Ms. S. Vishnupriya	Contr. Teacher	1	Molecular breeding	3	-	1	-	-	-
Seed Science & Technology	Dr. P. Pandian	Prof.	27	Seed production	1	3	41	45	-	3
	Dr. T. Ramanadane	Prof.	24	Seed production	5	15	62	16	-	8
Cr. Physiol.	Dr. S. Nadaradjan	Asst. Prof.	12	Molecular physiology	6	6	35	2	-	36
Department of Soil Science and Agricultural Chemistry										
Soil Science and Agricultural Chemistry	Dr. K. Omar Hatab	Prof. & Head	31	Soil fertility	1	1	48	10	14	16
	Dr. A. Baskar	Prof.	34	Soil fertility; Irrigation water quality	-	5	144	12	27	23
	Dr. R. Sankar	Prof.	27	Soil fertility; problem soils	2	17	116	8	10	16
	Dr. U. Bagavathi Ammal	Prof.	19	Soil fertility	7	13	151	5	6	18
	Dr. L. Aruna	Asst. Prof.	12	Soil fertility; Irrigation water quality	2	5	42	19	2	10
	Dr. K. Coumaravel	Asst. Prof.	12	Soil fertility	-	3	50	15	-	2
Phy. Edn	Dr. S. Jayasivarajan	Asst. Prof.	12	Training methods; volley ball	1	-	6	-	-	-



6.5.2.4 Technical and Supporting Staff

The college has created and appointed adequate technical/laboratory/farm staff for catering the needs of the different degree programmes and to run the farms. The department wise distribution of technical, supporting and field staff is furnished in Table 6.5.2.4.

Table 6.5.2.4 Department wise technical, supporting and field staff

Name of the Department	Name of the post	Present position
Dean's secretariat	Junior/Senior Accounts Officer #	~~
	Superintendent #	1
	Stenographer Gr.II	1
	Assistant #	2
	UDC	2
	LDC	4
	Attender	1
	MTS (Security)	3
Education Section	Data Entry Operator	1
	Typist	1
	Attender	1
Ag. Econ. & Extension	Projector Operator	1
	MTS (General)	2
Ag. Entomology	MTS (General)	2
Agronomy	Lab Attendant	1
	Field man	3
	Field Assistant	3
	Helper	2
	Data Entry Operator	1
	Agri. Mazdoor	31
	Casual labourers	42
Horticulture	Lab Attendant	1
	Field man	1
	Field Assistant	2
	Gardener	1
	Agri. Mazdoor	21
	Casual labourers	11
Plant Pathology	MTS (General)	1
Pl. Breeding & Genetics	MTS (General)	3
	Field Assistant	2
Soil Sci. & Ag. Chem.	Lab Attendant	1
	MTS (General)	1
	Field Assistant	1
Physical Education	MTS (General)	1
Engineering and Maintenance wing	Executive Engineer (Civil) #	~~
	Junior Engineer(Civil)	2
	Junior Engineer (Electrical)	~~
	Work Assistant	3

Name of the Department	Name of the post	Present position
	Electrician	1
	Mechanic (WS)	1
	Mazdoor	8
	MTS (House Keeping)	13
	Casual labourers	7
Vehicle Section	Driver Gr.I	3
	Driver Gr.II	2
	Driver Gr. III	2
	Cleaner	3
Total		197

Posts filled on deputation basis from other Departments of Govt. of Puducherry

As per the rules and regulations of the society, the following procedure shall be followed for the appointment of "Other Officers" category:

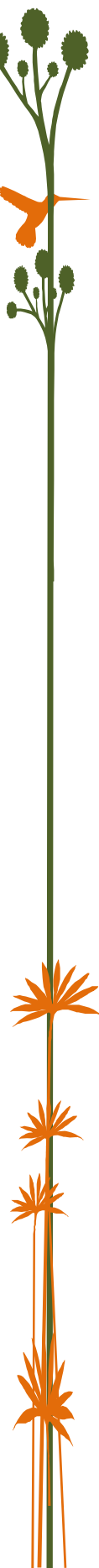
- The Dean shall have the post/posts advertised with such qualifications, terms and conditions of service *etc.* as may be prescribed by the Executive Council and application shall be received by the Dean.
- The Dean shall place all such applications received, before the screening committee for scrutinization.
- After scrutinization of all such applications, a list of all eligible candidates who shall be called for interview shall be prepared
- After interviewing the candidates, the Selection Committee shall recommend to the Chairman for each post to be filled in as far as possible, a panel of not more than three persons in order of merit.
- The Dean shall then make the appointment of a suitable person/ persons from amongst those recommended by the Selection Committee.

The posts of other officers to be filled in by promotion will be filled in through the Selection Committee on the basis of merit and seniority.

1. As per the rules and regulations of the society, the procedure for appointment of ministerial staff members when vacancies arise or when new posts are created is as under:
 - i. The Dean may invite suggestions, recommendations and if considered necessary by him, proposals for obtaining services on deputation for a period not exceeding three years, from the State Government, Government of

India, Institutions or agencies, or any person as he may deem fit and/or he may have the posts advertised with the qualifications prescribed under Statute No. 85.

- ii. All suggestions, recommendations proposals and applications referred to in sub clause (i) above shall be received by the Dean.
 - iii. The Dean shall cause to be put up all applications received to the Chairman of the Selection Committee for his consideration. Suggestions, recommendations and proposals for obtaining services on deputation shall be dealt with by the Dean.
 - iv. The Dean shall arrange to scrutinize all applications received and prepare a list of eligible candidates who shall be called for interview by the Selection Committee.
 - v. After interviewing the candidates, the Selection Committee shall recommend the names of selected candidates in order of merit to the Chairman, PAJANCOA (Karaikal) Society.
 - vi. The Dean shall then make the appointment of a person or persons only from amongst the persons recommended by the Selection Committee. If he wishes to deviate from the order of merit recommended by the Selection Committee, he shall record the reasons thereof and obtain the approval of the Executive Council before making appointment.
2. Notwithstanding anything contained in clause (1) above, the Executive council/ Governing Body shall at its discretion determine, from time to time, the number of posts under each category to be filled in by promotion from the lower category
 3. Provided that the number of posts so determined shall not be less than seventy-five per cent of the total number of posts in the category to which promotions are to be made:
 4. Provided further that such posts shall be filled in by promotion on the basis of merit and seniority in the class of the concerned service, minimum academic qualifications and experience if any may be relaxed and determined by the Chairman from time to time, if he considers necessary in consultation with the Executive Council.
 5. Provided also that the ministerial staff members of the college shall be eligible to apply for any post advertised by the college.



6. Provided also that in the case of posts of ministerial staff members, the Society shall reserve such percentage as prescribed by Government, from time to time, in respect of Backward Classes and other reserved categories by filling up the posts by promotion or from open market.
7. The society shall in conformity with provisions of clause (2) above, make rules governing promotions of ministerial staff members.

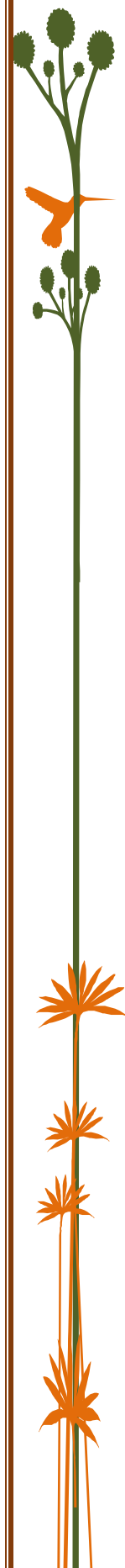
The officers are posted on deputation at the College are as follows: Senior Accounts Officer, Executive Engineer, Office Superintendents and Assistants.

Pay Structure

Pay structure of teaching and non-teaching staff as per the 6th pay commission is furnished below

Sl. No.	Name of the Post	Pay Band	AGP/GP
GROUP A			
1.	Dean	Rs.37400-67000	10000
2.	Professor	Rs.37400-67000	10000
3.	Associate Professor	Rs.37400-67000	9000
4.	Assistant Professor – Stage 3	Rs.15600-39100	8000
5.	Assistant Professor – Stage 2	Rs.15600-39100	7000
6.	Assistant Professor – Stage 1	Rs.15600-39100	6000
7.	Executive Engineer	Rs.15600-39100	6600
GROUP B			
1.	Senior Accounts Officer #	Rs.9300-34800	4800
2.	Superintendent #	Rs.9300-34800	4600
3.	Assistant Librarian	Rs.9300-34800	4200
4.	Junior Engineer(Civil)	Rs.9300-34800	4200
5.	Junior Engineer (Electrical)	Rs.9300-34800	4200
6.	Stenographer Gr.II	Rs.9300-34800	4200
7.	Assistant #	Rs.9300-34800	4200
GROUP C			
1.	Data Entry Operator	Rs.5200-20200	2800
2.	Driver Gr.I	Rs.5200-20200	2800
3.	UDC	Rs.5200-20200	2400
4.	Store Keeper Gr.II	Rs.5200-20200	2400
5.	Driver Gr.II	Rs.5200-20200	2400
6.	Work Assistant	Rs.5200-20200	2400
7.	Field man	Rs.5200-20200	2400

Sl. No.	Name of the Post	Pay Band	AGP/GP
8.	LDC	Rs.5200-20200	1900
9.	Store Keeper Gr.III	Rs.5200-20200	1900
10.	Driver Gr. III	Rs.5200-20200	1900
11.	Electrician	Rs.5200-20200	2000
12.	Mechanic (WS)	Rs.5200-20200	1900
13.	Cleaner	Rs.5200-20200	1800
14.	Lab Attendant	Rs.5200-20200	1800
15.	Projector Operator	Rs.5200-20200	1800
16.	Field Assistant	Rs.5200-20200	1800
17.	Gardener	Rs.5200-20200	1800
18.	Mazdoor	Rs.5200-20200	1800
19.	Agri. Mazdoor	Rs.5200-20200	1800
20.	Helper	Rs.5200-20200	1800
21.	MTS (General)	Rs.5200-20200	1800
22.	MTS (Security)	Rs.5200-20200	1800
23.	MTS (House Keeping)	Rs.5200-20200	1800



6.5.3. LEARNING RESOURCES

6.5.3.1 College Library

The college has a library located in the administrative building. The library has adequate number of text books, reference material and periodicals. The details on the number of books available at present in the college library is given below.

- (i) The number of books available in the Library : 8430
- (ii) No. of journals (Indian/foreign) subscribed : 9
- (iii) Whether accession register is maintained : Yes
- (iv) No. of books/Journals available:

Sl. No.	Name of the Course(s)	No. of Books available
1.	B.Sc. (Hons.) Agri.) / Hort.	6599
2.	M.Sc. Ag.	1181
3.	M.Sc. Hort.	650

The institute has signed a MOU with National Knowledge Network Portal, through which staff and students would be able to access e-books and journals.

Staff Strength

The library is administered by the Dean through “Library Convenor” appointed by the Dean for the purpose. The Library Convenor is a senior Professor who in addition to his routine duties shall look after the library activities. The sanctioned and existing staff strength of the college library is given hereunder.

Name of the post	Sanctioned	Existing
1. Assistant Librarian	2	1
2. MTS (General)	1	1

Library timings and uses

The library facility is available for students and staffs from Morning 9.00 am to evening 8.00 pm.

Book borrowing including electronic borrowing arrangement with other institutions

Each student, after his/her admission in the college, is compulsorily made as member in the library and provided with four numbers of borrowing cards. Using these

cards, the students can borrow books for their references and assignment works. Staff are provided with six number of borrowing cards for borrowing books for reference purpose.

Every student has the facility of accessing the Pondicherry University central library with their user identity provided by the University. They have the access to many national and international journals. Also, Wi-Fi facilities are available in the library for access of online resources of literature.

Photocopying facilities

Photocopying facility for students and staff is available at concessional rates at the ground floor of the administrative block of the institute at concessional rates.

6.5.3.2 Laboratories, Instructional farm, Workshops, Dairy Plant, Veterinary Clinic, Hatchery, Ponds, etc.

For under graduate programme lecture halls are available in all four academic blocks with adequate wooden furniture. Apart from glass board, each lecture hall is equipped with LCD and overhead projectors for presentation.

The departments offering PG programmes are having well-furnished separate lecture halls for I PG and II PG students.

Class rooms and laboratories

The college has four academic blocks viz., Block A, Block B, Block C and Block D. In each of these academic blocks located are the class rooms and laboratories. The details on the number of class rooms, laboratories and other learning places are furnished below.

(Floor plans are enclosed)

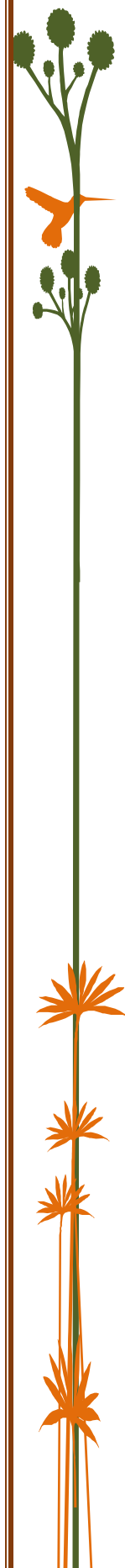
Sl. No.	Particulars	Numbers	Area (in Sq.m)	Seating Capacity	Total area (in Sq.m.)
1.	Class rooms – UG	12	99.0	120 each	1188.0
2.	Class rooms – PG	12	48.5	25 each	582.0
3.	Laboratories	12	173.3	Varying in each lab	2079.6
4.	Library	1	180.0	50	180.0
5.	Seminar Hall (Auditorium)	1	272.0	250	272.0
6.	Conference Hall	1	165.0	100	165.0
7.	Staff room	36	1632.0	160	1632.0



The laboratories are well equipped to conduct the practicals/hands on training to the students. The list of instruments/equipments available in the laboratories are furnished below.

**Department of Agricultural Entomology
(Disciplines: Entomology and Nematology)**

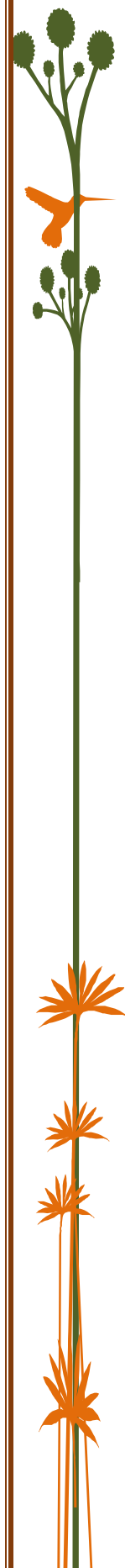
Sl. No.	Name of the Equipment
1.	HPLC
2.	Stainless steel Autoclave
3.	Laminar flow
4.	Glass Bead Sterilizing Unit for tile laminar flow
5.	4KvA Servo Krykard Stabilizer
6.	Beehives
7.	Steel racks for rearing of insects
8.	Stereoscopic microscopes
9.	Double distillation Unit
10.	Insect boxes
11.	Potter's Tower
12.	Work tables
13.	Class room rostrums
14.	LPG stove and cylinder
15.	Soxhlet apparatus
16.	Haemocytometer
17.	Microwave oven
18.	Pressure cooker
19.	Electric Stove with regulators
20.	Centrifuge
21.	Refrigerated centrifuge
22.	Ocular micrometer and stage micrometer
23.	Dissection microscope
24.	Field cage frames
25.	Compound microscope
26.	Microscope with CCD camera
27.	Insect blow-ups
28.	Insect wooden cages
29.	Insect Flying Tunnel
30.	Television and VCR
31.	Refrigerators
32.	Sericulture video cassette teaching aids
33.	Olfactometer
34.	Five KG balance
35.	Insect vial cabinet
36.	Digital camera
37.	Sony Handycam
38.	Deep freezer
39.	Spectrophotometer
40.	Slide projector
41.	Advanced Plant Growth Chamber SANYO make



Sl. No.	Name of the Equipment
42.	Hot water bath
43.	Hot air oven
44.	Microtome
45.	Blender
46.	Electronic balance
47.	Rotary vapour bath
48.	Hot plate
49.	Eppendorf micro centrifuge
50.	PCR instrument
51.	Insect repository
52.	Fixed insect and plant specimens
53.	Insect traps
54.	Different types of sprayers
55.	Sonicator
56.	Screen house
57.	Motic stereozoom microscopes
58.	Insect collection nets
59.	Storage pest monitoring kit
60.	Honey extractor
61.	Insect cabinets

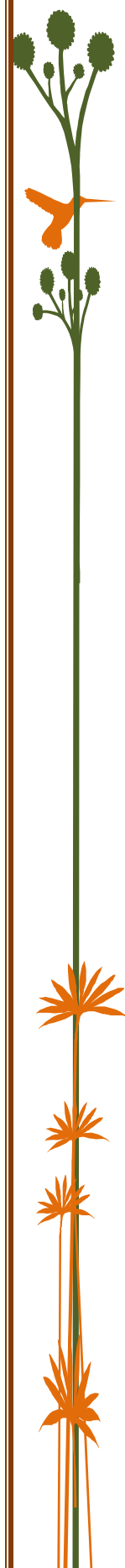
Department of Agronomy

Sl. No.	Name of the Instrument
1.	Willey Mill
2.	Willey mill (Heavy duty)
3.	Electronic balances
4.	Physical and Chemical balances
5.	Digital conductivity meter
6.	Digital pH meter
7.	Portable water quality analyzer
8.	Spectrophotometer
9.	Flame Photometer
10.	Semi automatic nitrogen analyzer
11.	GPS meter
12.	Sand bath
13.	Mechanical shaker
14.	Hot air ovens
15.	Muffle furnace
16.	High speed centrifuge
17.	Automatic solvent extraction system
18.	Automatic fibre extraction system
19.	Neutron moisture probe
20.	Leaf area meter
21.	Lux meter
22.	Refractometer
23.	Magnetic stirrer



Department of Plant Breeding and Genetics
(Disciplines: Pl. Br. & Gen., Seed Sci. & Tech. and Crop Physiology)

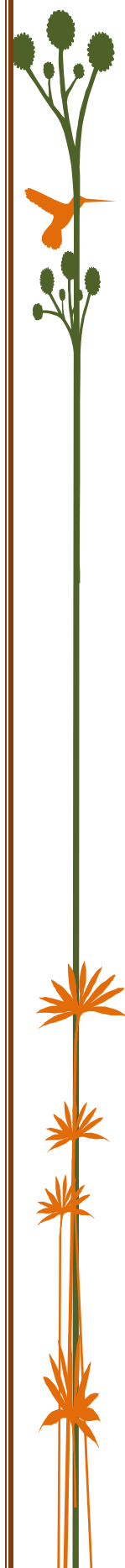
Sl. No.	Name of the Equipment
1.	Weswox Rotary Microtome
2.	NOVEX – Trinocular Microscope
3.	NOVEX – Binocular microscope
4.	Leica - Trinocular Fluorescent Microscope with photomicrography system
5.	Equitron – Vertical Autoclave
6.	Dissection microscope
7.	Zoom stereo binocular microscope Gentner model GSZ-77
8.	Olympus model HAS student monocular microscope
9.	Olympus model GB lab monocular microscope
10.	Olympus model KICET-I Trinocular microscope
11.	Electronic Precision balances
12.	Hot Air Oven
13.	Flame photometer – CL –360
14.	Fuji Compensating Planimeter
15.	Elico Agrophotometer
16.	Remi Model Rotary Shaker
17.	Electrophoresis Unit
18.	Binocular Stereo Microscope
19.	Laboratory Mill (Willey type) Mico Make
20.	Complete Area Measurement system
21.	Milton ray Spectronic 20 Spectrophotometer
22.	Vacuum pump
23.	Leaf Chamber Analyser (Portable)
24.	Lux meter
25.	Ausco incubator
26.	Remi Centrifuge
27.	pH meter
28.	Gel Documentation System
29.	Thermal Cycler
30.	Refrigerated Centrifuge
31.	Electrophoresis – PAGE
32.	Deep Freezer (- 86°C)
33.	Gel Documentation system
34.	Spectrophotometer
35.	Gradient thermal cycler
36.	Microwave oven
37.	Neolab water bath
38.	Incubator
39.	UV trans illuminator
40.	pH meter
41.	Conductivity meter
42.	Seed Germinator



Sl. No.	Name of the Equipment
43.	BOD incubator
44.	Seed moisture analyser
45.	Laminar Flow Chamber
46.	Thermal Cycler
47.	Gel Electrophoresis Unit

Department of Plant pathology
(Disciplines: Plant Pathology and Agricultural Microbiology)

S. No.	Name of the Instrument
1.	Students monocular microscope – Make OLYMPUS
2.	Horizontal Laminar Flow Chamber – Model 1104
3.	Hot Air Circulating Oven
4.	Dissecting microscope
5.	Refrigerators
6.	Microwave Oven
7.	Self Indication Scale
8.	Bench Top incubator cum Shaker – NEOLAB model OSI 264
9.	Mini Quartz Distiller
10.	Monocular Inclined microscope
11.	Autoclave (Vertical)
12.	Inoculation Hood
13.	Stereo zoom Microscope (Binocular version)
14.	Stereo zoom Microscope (Trinocular version)
15.	Monocular microscope
16.	Top Pan Balance with LCD display
17.	Trinocular Microscope with microphotography and image analyzing software
18.	Incubation Hood
19.	Binocular Microscope
20.	Hot Air Oven
21.	Autoclave – vertical 10” x 18”
22.	pH meter
23.	EC meter
24.	Monocular microscope – Olympus – model HSA
25.	Monocular microscope – Olympus – model GB
26.	Rotary shaker
27.	Laminar Air Flow Chamber (small)
28.	Laminar Air Flow Chamber (Big)
29.	Horizontal Electrophoresis
30.	Cooling Centrifuge
31.	Gas Chromatograph Model 4010
32.	Bio tech transilluminator
33.	Vacuum pump
34.	Deep Freezer Refrigerator- BPL
35.	EPJ Fluorescence Microscope



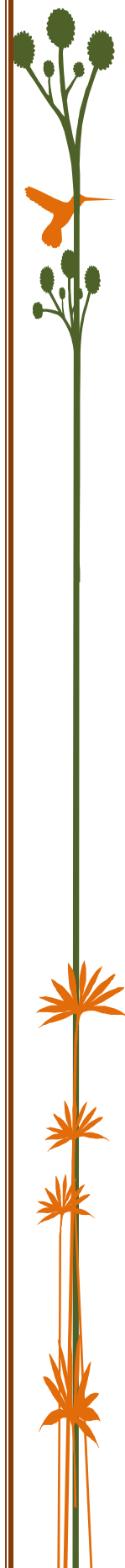
S. No.	Name of the Instrument
36.	Microwave oven Model 700T
37.	Trinocular Microscope with Phase Contrast
38.	Trinocular Stereo Zoom Microscope
39.	Autoclave -Bench Top Fermentor
40.	Autoclave – EQUITRON
41.	Spectrophotometer
42.	ELISA Reader with kit
43.	Hot air oven
44.	Double Distillation Unit
45.	Stereo Zoom Microscope
46.	BOD Incubator, pH meter
47.	Deep Freezer – 40c
48.	Inoculation Hood
49.	Steel Culture Cabinet
50.	Incubator
51.	Wexwox model student microscope

Department of Soil Science and Agricultural Chemistry

Sl. No.	Name of the Equipment
1.	pH meter
2.	EC meter
3.	N Auto analyser
4.	Spectrophotometer
5.	Flame Photometer
6.	Atomic Absorption Spectro photometer
7.	Auto titrator
8.	Eppendorf refrigerating centrifuge
9.	Hot plates
10.	Water baths
11.	Hot air ovens
12.	Mechanical Shakers
13.	All quartz double distillation unit
14.	All quartz single distillation unit
15.	Minor instruments and equipments required for soil, plant and water analysis

Department of Horticulture

Sl. No.	Name of the Equipment
1.	Water bath
2.	Hot air oven
3.	Sand bath
4.	Hand Refracto meter
5.	Manual Aluminium orange crusher
6.	Deep freezer



Sl. No.	Name of the Equipment
7.	Class room projection Microscope
8.	Dissection Microscope
9.	Zoom stereo Microscope + Nitrogen SLR Camera
10.	Monocular Inclined student microscope
11.	Hand held digital force gauge
12.	Hand held pocket pH meter
13.	Hand held pocket EC, TDS & Temperature meter
14.	Hand held digital Vernier Caliper
15.	Distillation unit
16.	Spectrophotometer
17.	Soxhlet apparatus
18.	Refrigerator
19.	Willey mill
20.	Centrifuge
21.	Leaf area meter
22.	Colony counter
23.	Rotary shaker
24.	Flame photometer

Instructional farm

The college totally has an area of 225 acres as detailed hereunder

Eastern Block:	Area	Western Block	Area
1. Buildings	54.00 Ac	1. CFC Buildings	07.50 Ac
2. Wetland	49.00 Ac	2. Wetland	24.40 Ac
3. Upland	14.00 Ac	3. Agromet observatory	00.50 Ac
4. Horticultural area	15.00 Ac	4. Pond (2 nos)	02.00 Ac
5. Open Tanks	03.85 Ac	5. Roads, Sides & Channels	02.10 Ac
6. Roads, channels & Sides	14.15 Ac	6. Animal Husbandry	02.50 Ac
		7. Open Tanks	06.00 Ac
		8. Orchards	30.00 Ac
TOTAL	150.00 Ac	TOTAL	75.00 Ac

The college has totally 87.4 acres of farm land for field crops managed by the Department of Agronomy and 45.0 acres of farm land for horticultural crops managed by the Department of Horticulture. These farms are used for conducting various field practicals and hands on training to the students. Both the Departments of Agronomy and

Horticulture have adequate number of tractors, farm implements, tools and other machinery for providing hands on training to the students.



Fig. 4 Students undergoing field training in the instructional farm

Earn while learn

The instructional farms are also used to provide practical experience to the students in cultivating the crops through **CROP PRODUCTION** courses. The students shall be provided with inputs on interest-free loan. At the end of the season, the students harvest the crop and hand-over the produce to the college. The college makes arrangement for the sale of the produce and accounts for the net returns obtained by the individual students. The profit obtained from the individual student's area is returned to the students.



Fig. 5 Students activity in crop production course

Animal husbandry farm

The college also has one dairy unit (880 sq. ft.) calf room (260 sq. ft.) and one poultry unit (1260 sq. ft.) to provide hands on training to the students during the practical classes.



Fig. 6 Students undergoing hands-on-training in the dairy unit

In addition, the college also has nine farm ponds which are used for storing rain water as well as for pisciculture, the details of which are furnished below.

Sl. No.	Name of the Pond	Area of the pond (acres)
Western Block:		
1.	P1 - Thamaraikulam pond	2.00
2.	P2 – pond	0.25
3.	P3 – pond	0.25
4.	E0 – pond	1.00
5.	E3 & E0 – pond	1.00
Eastern Block:		
6.	P4 – pond	1.00
7.	P5 – pond	1.00
8.	A0 – pond	2.50
9.	B0 – pond	1.00

Greenhouse, Glasshouse and Polyhouse

As a step to introduce a commercial approach in Agriculture, a demonstration cum research greenhouse/poly house unit has been erected in the college campus along with farm power machineries and irrigation infrastructure facilities. The college has one glasshouse and shade houses.

Farm Power, Machineries and Irrigation Infrastructures

The college has farm machinery viz., four tractors, two power tillers, one power thrashers, four cultivators, one chaff cutter, one leveller, one rotavator, one ridger, one post hole digger, one leaf shredder and other farm implements for day to day work and teaching purpose.

Availability of computers and access to internet

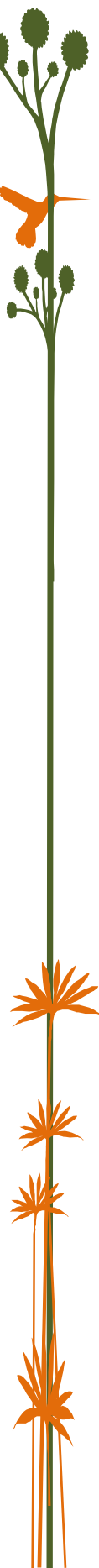
Well-equipped air conditioned computer centre is available in the first floor of the administrative block of the institute with a plinth area of 180.0 square meters. The computer centre is equipped with **All-in-One Desktops, Hybrid Laptops and Laptops for the use of staff and students of this institute.** All these desktops and laptops are connected with internet for browsing. Since 2012, the computer centre is connected with **24 x 7 10 Mbps Internet Access Through NMEICT.**

The institute has signed a MOU with National Knowledge Network Portal, through which staff and students would be able to access e-books and journals. The facilities available in the computer center are:

- 24 hours x 7 days / week free Internet access (10 Mbps) to students through NME-ICT project
- First college in U.T. of Puducherry to have ac.in 2nd level domain (pajancoa.ac.in since sep 2003)
- First Wi-Fi enabled college campus in Karaikal (since may 2008)
- First college in U.T. of Puducherry to use e-communications for students and staffs (since June 2009)
- Students are trained to install open source software Ubuntu Linux in their laptop
- Computers with Internet access are available in all departments
- Four academic buildings are linked with Administrative building through Optic Fiber Cable

6.5.3.3 Student READY/In-Plant Training/Internship/Experiential Learning Programmes

Rural Agricultural Work Experience (RAWE) programme is implemented for the final year students when they are in their seventh semester. RAWE programme is implemented for a period of three months wherein the students are placed in the villages. RAWE gives a platform for scientist-farmer-student interactions. During the three month



stay in villages, the students assess the farmer need and formulate various extension strategies to address the need in consultation with the teachers, extension officials, progressive farmers and NGOs. They get hands-on-experience by adopting various extension methodologies viz, demonstrations, meetings, discussions, visits, exhibitions, AIR talks, video programmes and preparing of leaflets, folders to distribute to the farmers. The students also organize many number of technology dissemination programmes in coordination with the faculty members and Department of Agriculture and gives wide publicity through print and electronic media. The list of such programmes organized by the students of PAJANCOA & RI during the last five academic years is furnished in Table 6.5.3.3

Table 6.5.3.3 Activities of students in RAWE

Year	No. of Students	No. of Groups	Extension Teaching Methods Adopted				
			Demos	Exhibitions	AIR	Video	Written
2014-15	38	6	32	6	2	1	35
2015-16	68	12	48	12	~	2	48
2016-17	77	8	44	5	~	2	39
2017-18	93	12	62	8	~	~	56
2018-19	80	10	50	6	~	20	52

In Experiential Learning Programmes, the following courses with a credit load of 0+5 are offered wherein the students learn the production techniques by themselves.

Course No.	Title of the Course	Discipline
EXP 401	Agricultural Project Analysis	Agricultural Economics
EXP 402	Farm Planning and Budgeting	Agricultural Economics
EXP 403	Natural Resource Economics and Management	Agricultural Economics
EXP 404	Agricultural Marketing Management	Agricultural Economics
EXP 405	Behavioural Skills	Agricultural Extension
EXP 406	Cyber Extension	Agricultural Extension
EXP 407	Integrated Farming System	Agronomy
EXP 408	Dairy Farming	Animal Husbandry
EXP 409	Caprine Production and Management	Animal Husbandry
EXP 410	Commercial Broiler and Layer Production	Animal Husbandry
EXP 411	Plant Tissue Culture	Plant Breeding and Genetics
EXP 412	Molecular Breeding	Plant Breeding and Genetics
EXP 413	Commercial Seed Production	Seed Science and Technology
EXP 414	Composting Technology	Soil Science and Ag. Chem.

Course No.	Title of the Course	Discipline
EXP 415	Management of Problems soils and water	Soil Science and Ag. Chem.
EXP 416	Farm Advisory on Soil Health, Water Quality and Plant Nutrition	Soil Science and Ag. Chem.
EXP 417	Commercial Apiculture	Agricultural Entomology
EXP 418	Commercial Sericulture	Agricultural Entomology
EXP 419	IPM for Field and Storage Pests	Agricultural Entomology
EXP 420	Urban Entomology and Pest Management	Agricultural Entomology
EXP 421	IDM for Crop Diseases	Plant Pathology
EXP 422	Mushroom Cultivation	Plant Pathology
EXP 423	Production of Biocontrol Agents	Agricultural Entomology and Plant Pathology
EXP 424	Bio-inoculants Production Technology	Agricultural Microbiology
EXP 425	Commercial Nursery Technology	Horticulture
EXP 426	Ornamental Gardening and Landscaping	Horticulture
EXP 427	Protected Cultivation in Vegetable Crops	Horticulture

6.5.3.4 Curricula Delivery Through IT (Smart class rooms/interactive board etc.)

All the undergraduate and postgraduate lecture halls are provided with LCD projectors and internet facility for better delivery of lectures. The faculty use power point presentations to make the concepts/techniques clearly understandable to the students. The important lectures are taught with videos. The students are also trained to make use of the facility for presentation of term papers and assignments.

A separate computer lab with infrastructure facility is available for the students. The students are being taught about the IT facilities. Sufficient furniture, ventilation and lighting facilities are provided in all the class rooms for comfortable listening and writing of the students. A table, podium, whiteboards/screen, black board with duster are available in each class room for the use of teachers. A common generator facility supplies power to all the classrooms to avoid interruption of the class during power failure.

6.5.4 STUDENT DEVELOPMENT

The college takes utmost care in the overall personality development of the students. The college aims at not only producing technically sound graduates but also aims at producing overall personality development of the graduates and good citizens so as to contribute to the overall human resource development of the Union Territory and the country. To accomplish this, the students are provided with good theoretical background along with hands on training on practical skills. Also, co-curricular activities are given equal importance in overall personality development of the students.

6.5.4.1 Student intake and Attrition

Student Intake

This Institute was started in the year 1987 with a student intake of 50 for B.Sc. (Agriculture) programme and the student intake was increased to 60 from the year 1991. The Institute was upgraded as a research Institute in the year 1997 and Postgraduate Programmes in two disciplines viz., Soil Science and Agricultural Chemistry and Plant Breeding and Genetics were started during 1999-2000. Two more disciplines were added to the list viz., Agronomy and Agricultural Entomology during 2000-01 and later on Postgraduate programme was started in Agricultural Economics and Horticulture (Vegetable Science) during 2002-03. The postgraduate programme is conducted with strength of 5 students in each discipline totalling to 30 students per year.

The intake for under graduate programme was increased to 80 from the academic year 2012-13 and an addition of 10 per cent of the seats (8) under NRI category was also made making the total intake of students to 88. From the academic year 2016-17, the total strength in B.Sc. (Hons.) Agriculture was increased to 120 seats including NRI category. Also, a new degree programme viz., B.Sc. (Hons.) Horticulture was started with an intake of 40 students per year. The overall intake of the students in different degree programmes in the College is given in Table 6.5.4.1a.

The details of the students admitted in the institute for different degree programmes in the last five years are furnished in Table 6.5.4.1b.

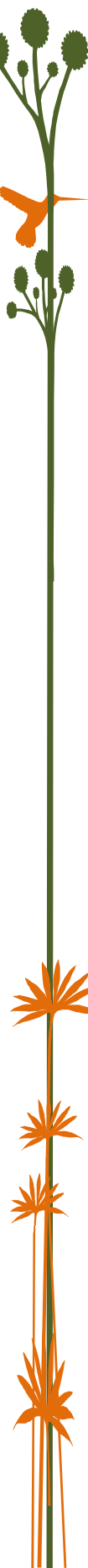


Table 6.5.4.1a Annual Intake of students in various degree programmes

Level	Programme	Intake per year
Under graduate	B.Sc. (Hons.) Agriculture	120
	B.Sc. (Hons.) Horticulture	40
Post graduate	M.Sc. Ag. (Agricultural Economics)	5
	M.Sc. Ag. (Agricultural Entomology)	5
	M.Sc. Ag. (Agronomy)	5
	M.Sc. Ag. (Genetics and Plant Breeding)	5
	M.Sc. Ag. (Soil Science and Agricultural Chemistry)	5
	M.Sc. Hort. (Vegetable Science)	5

Table 6.5.4.1b Details of students admitted to various degree programmes

Degree Programme	2014-15		2015-16		2016-17		2017-18		2018-19	
	Strength	Admitted	Strength	Admitted	Strength	Admitted	Strength	Admitted	Strength	Admitted
B.Sc. (Hons) Agriculture	88	88	88	82	120	118	120	120	120	112
B.Sc. (Hons) Horticulture	--	--	--	--	40	40	40	40	40	20
M.Sc. Ag. (Ag. Econ.)	5	5	5	5	5	5	5	5	5	3
M.Sc. Ag. (Ag. Ento.)	5	0	5	5	5	5	5	5	5	5
M.Sc. Ag. (Agronomy)	5	5	5	5	5	5	5	5	5	3
M.Sc. Ag. (Gen. & Pl. Br.)	5	5	5	5	5	5	5	5	5	1
M.Sc. Ag. (Soil Sci. & Ag. Chem.)	5	5	5	5	5	5	5	5	5	0
M.Sc. Hort. (Veg. Sci.)	5	5	5	5	5	5	5	5	5	0

Student attrition

In general, the student attrition is very low and the retention of the students is very high in this college. The details on the intake capacity, number of students admitted and the attrition in B.Sc. (Hons.) Agriculture, B.Sc. (Hons.) Horticulture and postgraduate degree programmes are given in Tables 6.5.4.1c, 6.5.4.1d and 6.5.4.1e, respectively.

Table 6.5.4.1c Admission and attrition of students in B.Sc.(Hons.) Agri.

Academic year	Intake capacity	Number of students admitted	Attrition Number	Attrition %
2014-15	88	88	8	9.1
2015-16	88	82	2	2.4
2016-17	120	118	3	2.5
2017-18	120	120	0	0.0
2018-19	120	112	0	0.0

Table 6.5.4.1d Admission and attrition of students in B.Sc.(Hons.) Hort.

Academic year	Intake capacity	Number of students admitted	Attrition Number	Attrition %
2016-17	40	40	0	0.0
2017-18	40	40	1	2.5
2018-19	40	20	0	0.0

Table 6.5.4.1e Admission and attrition of students in M.Sc. Ag./Hort.

Academic year	Intake capacity	Number of students admitted	Attrition Number	Attrition %
2014-15	30	25	1	4.0
2015-16	30	30	1	3.3
2016-17	30	30	1	3.3
2017-18	30	30	0	0.0
2018-19	30	14	1	7.1

6.5.4.2 Average number of students in theory and practical class

The average number of students in each batch of theory and practical class for different degree programmes is given below.

Sl. No.	Degree Programme	Batch of students in theory class	Batch of students in practical class
1.	B.Sc. (Hons.) Agriculture	120	40
2.	B.Sc. (Hons.) Horticulture	40	40
3.	M.Sc. Ag. (Ag. Econ.)	5	5
4.	M.Sc. Ag. (Ag. Ento.)	5	5
5.	M.Sc. Ag. (Agronomy)	5	5
6.	M.Sc. Ag. (Gen.& Pl. Br.)	5	5
7.	M.Sc. Ag. (Soil Sci. & Ag. Chem.)	5	5
8.	M.Sc. Hort. (Veg. Sci.)	5	5

6.5.4.3 Admission process

An advertisement is published in leading newspapers every year in the month of May/June before declaration of the H.Sc. results. Applications in the prescribed proforma are called from eligible candidates for under graduate as well as postgraduate courses through on-line. The details regarding U.G./P.G. courses, intake capacities, reservations of seats, documents to be enclosed with the application form are given in the advertisement. The admission procedure and calendar shall be published in the prospectus.

Under Graduate: B.Sc. (Hons.) Agri / B.Sc. (Hons.) Hort

- i) The admission is made through a **Centralized Admission Committee (CENTAC)** of Government of Puducherry constituted for the purpose of admitting the students in all the professional colleges in the U.T. of Puducherry.
- ii) Wide publicity regarding admission notification in leading English and Tamil dailies as well as in local channels of television and AIR are given.
- iii) Applications from the eligible candidates are received only through on-line mode.
- iv) The applications are scrutinized and the merit lists of the eligible candidates are published in the CENTAC website.
- v) The eligible candidates are called for counselling based on their merit position. After certificate verification, such candidates are given with the selection order based on reservation policy to the vacant seats.
- vi) The selected candidates shall report to the college on or before the stipulated date given in the selection order.
- vii) The selection order issued by CENTAC and other required certificates are verified at the college by a **local admission committee** formed by the Dean under his Chairmanship with the Professor (Education) as member secretary.
- viii) After the verification process, an Admission Order is issued to the selected candidates directing the candidates to pay the required fees.
- ix) The selected candidates remit the required fees in the Indian Bank through quadruplicate Challan within the stipulated date and secures the admission.
- x) After the fee payment, all the admitted candidates are required to register their courses on a date announced by the Dean.
- xi) The certificates and other credentials of the admitted candidates are later verified by the Pondicherry University and are enrolled as the students by assigning Registration numbers.

Eligibility for Admission

H.Sc./Equivalent - Academic Stream

The college strictly follows the norms prescribed by the fifth Deans Committee Meeting of ICAR while admitting the candidates. A pass in the Higher Secondary Course (10+2) or any other examination recognized as equivalent there to and fulfilling the following requirements.

Eligible subjects of study in the Qualifying Examination

A pass in 10+2 or Intermediate with any of the following three subjects from a recognized Board / University as per the norms of ICAR.

B.Sc.(Hons.) Agriculture	B.Sc.(Hons.) Horticulture
a) Physics, Chemistry, Mathematics, Biology	a) Physics, Chemistry, Mathematics, Biology
b) Physics, Chemistry, Biology / Botany & Zoology	b) Physics, Chemistry, Biology / Botany & Zoology
c) Physics, Chemistry, Agriculture	c) Physics, Chemistry, Agriculture
	d) Physics, Chemistry, Forestry

For drawing the merit of the candidate, the marks scored in three subjects viz., Physics, Chemistry and Biology (or mean of Botany and Zoology) shall be considered. If a candidate had studied four subjects in 10+2 or Intermediate viz., Physics, Chemistry, Biology and Agriculture / Forestry the marks scored in Physics, Chemistry and Biology shall be considered for drawing merit list.

Eligible minimum qualifying marks

A pass in the Higher Secondary Course (10+2) or any other examination recognized as equivalent there to and fulfilling the subject requirements with the following minimum qualifying marks.

Category	Minimum Qualifying marks
Open Competition (OC)/General Category(GE)	50 % aggregate of all the four subjects
Other Backward Class (OBC) / Backward Class Muslim (BCM) / Most Backward Class (MBC) / Extreme Backward Class (EBC) / Backward Tribe (BT)/Scheduled Caste (SC) / Scheduled Tribe (ST) categories	40% aggregate of all the four subjects

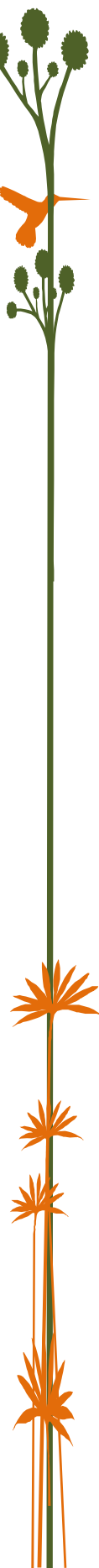


Special Allocation and Eligibility Criteria (Applicable for Puducherry UT candidates only)

- a) **Vocational Stream candidates.** Two seats are exclusively reserved for Vocational Stream (Agriculture) candidates of U.T. of Puducherry only and they will not be considered under general merit.
- b) **Village Level Extension Workers.** Two seats are reserved exclusively for Village Level Extension Workers who are working in the Department of Agriculture, Govt. of Puducherry.
- Village Level Extension Workers seeking admission to B.Sc.(Hons.) Agriculture should send their applications duly sponsored and recommended by the Dept. of Agriculture, Puducherry.
 - They should have passed minimum qualifications of H.Sc. examination conducted by the Board of Higher Secondary Examination of Tamil Nadu or any other equivalent examination there to with a minimum of marks as aggregate in the subjects.
 - Candidates should not have attained the age of 45 years as on 1st July of the admission year.
- c) **Wards of Farmers.** Two seats are reserved exclusively for wards of farmers. Candidates who wish to apply for the seats reserved for son / daughter of farmer should satisfy the eligibility as prescribed for H.Sc. / Equivalent (Academic stream) and produce the following certificates from Officers of the Revenue Department not lower than the rank of the TAHSILDAR (Dy. Tahsildar for Mahe/Yanam region).
- The parent / guardian of the candidate does not own more than 2.0 hectares of dry land or 1.0 hectare of garden or wetland or their combination;
 - The parent / guardian of the candidate is actually engaged in agricultural farming;
 - The parent / guardian should not have annual income of more than Rs.75,000 from all sources; and
 - The parent / guardian should reside in village / town in the Union Territory of Puducherry.

Age limit

A candidate should not have completed the age of 21 years on the first day of July of the admission year. However, for Scheduled Castes, Scheduled Tribes, Physically challenged and NRI candidates the upper age limit is 25.



Schemes of admission and Reservation policy

The schemes of admission adopted for admission to B.Sc. (Hons.) Agriculture and B.Sc. (Hons.) Horticulture are given in Table 6.5.4.3a.

Table 6.5.4.3a Allocation of seats under different schemes of admission

Degree	State	Regular Scheme	Payment Scheme	NRI / Foreign Natinoal Scheme	Total
B.Sc. (Hons.) Agriculture	U.T. of Puducherry	60	34	10	120
	Other States	10	06		
B.Sc. (Hons.) Horticulture	U.T. of Puducherry	17	17	~	40
	Other States	3	3		

While admitting the candidates to the under graduate degree programmes the reservation policy in force as per the norms of Government of Puducherry for various community categories is strictly adhered to.

Seat matrix

B.Sc.(Hons.) Agriculture for U.T. of Puducherry candidates

Region	%	Vertical Reservation							Horizontal reservation			
		GE (50%)	OBC (11%)	MBC (18%)	SC (16%)	BCM (2%)	EBC (2%)	BT (1%)	FF (4%)	PH (5%)	EXM (3%)	MSP (1%)
UTP	75	20	5	8	7	0	1	0	2	3	1	1
Karaikal	18	5	1	2	1	1	0	0				
Mahe	4	1	0	0	1	0	0	0				
Yanam	3	1	0	0	0	0	0	0				
Total	100	27	6	10	9	1	1	0	2	3	1	1

B.Sc.(Hons.) Horticulture (U.T. of Puducherry candidates)

Region	%	Vertical Reservation							Horizontal reservation			
		GE (50%)	OBC (11%)	MBC (18%)	SC (16%)	BCM (2%)	EBC (2%)	BT (1%)	FF (4%)	PH (5%)	EXM (3%)	MSP (1%)
UTP	75	6	2	2	2	0	1	0	1	1	1	0
Karaikal	18	2	0	0	1	0	0	0				
Mahe	4	0	0	0	0	0	0	0				
Yanam	3	0	0	1	0	0	0	0				
Total	100	8	2	3	3	0	1	0	1	1	1	0

B.Sc.(Hons.) Agriculture / Horticulture (Other State/Other U.Ts. candidates)

Category	Agriculture	Horticulture
GE	5	2
OBC	3	1
SC	1	0
ST	1	0
Total	10	3

Any seat falling vacant under U.T. of Puducherry quota after final counselling will be allotted to Other State/Other UTs. Other State vocational candidates are not eligible to apply for B.Sc.(Hons.) Agriculture of this Institute.

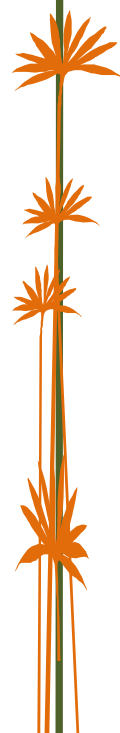
Registration

All newly admitted students should register during the first semester of the program. A student admitted to the under graduate program should report to the Dean on the date of registration. It is the responsibility of the student to register the courses in person on the due date prescribed for the purpose. IN ABSENTIA registration will not be permitted on any circumstances. The Professor (Education) and the concerned year academic coordinator shall help the student for registration. The registration particulars of the students in the prescribed format are furnished to the Controller of Examinations in online mode.

Academic Schedule

On the commencement of the semester, the academic calendar is prepared with following details and circulated to the students in the e-communication portal of the Institute and displayed in the notice board. The details in the academic calendar are:

- Date of registration
- Commencement and closure of the semester
- List of public holidays
- Period of mid-semester examination
- Final practical exam
- Period of semester break
- Date of final theory exam
- Tentative date of next semester registration



Postgraduate: M.Sc. (Agri. / Hort.) Degree Programme

- i) The admission is made through a **Centralized Admission Committee (CENTAC)** of Government of Puducherry constituted for the purpose of admitting the students in all the professional colleges in the U.T. of Puducherry.
- ii) Wide publicity regarding admission notification in leading English and Tamil dailies as well as in local channels of television and AIR are given.
- iii) Applications from the eligible candidates are received only through on-line mode.
- iv) The applications are scrutinized and the list of the eligible candidates are published in the CENTAC website.
- v) The eligible candidates shall write an entrance examination on the date and venue notified by the CENTAC.
- vi) Based on the OGPA and marks scored in the entrance examination, the merit list of the candidates eligible for admission is prepared and published in the CENTAC website
- vii) The eligible candidates are called for counselling based on their merit position. After certificate verification, such candidates are given with the selection order based on reservation policy to the vacant seats.
- viii) The selected candidates shall report to the college on or before the stipulated date given in the selection order.
- ix) The selection order issued by CENTAC and other required certificates are verified by at the college by a **local admission committee** formed by the Dean under his Chairmanship with the Professor (Education) as member secretary.
- x) After the verification process, an Admission Order is issued to the selected candidates directing the candidates to pay the required fees.
- xi) The selected candidates remit the required fees in the Indian Bank through quadruplicate Challan within the stipulated date and secure the admission.
- xii) After the fee payment, all the admitted candidates are required to register their courses on a date announced by the Dean.
- xiii) The certificates and other credentials of the admitted candidates are later verified by the Pondicherry University and are enrolled as the students by assigning Registration numbers.
- xiv) At the beginning of each semester, an academic calendar is published by the Dean. Such academic calendar clearly indicates the dates of commencement of the semester, mid-semester examinations, final practical examinations as well as the closure of the semester.

Eligibility for admission to Postgraduate degree programme

- i) Candidates seeking admission to master degree programme should have a four year bachelor's degree from State Agricultural Universities (SAU) or from other universities recognized by ICAR /UGC
- ii) Candidate who has undergone the course credit system with an OGPA of 3.00 out of 4.00 or 7.00 out of 10.00 or 70 per cent aggregate alone is eligible to apply for various Master's degree programmes in this Institute. However, this will not apply to SC/ST candidates/State Department nominees. Just a pass in the concerned degree is sufficient for them.
- iii) Prescribed minimum qualification from a recognized University for admission to Master's degree programme:

Sl. No.	Discipline	Requirement for Master's Degree
1.	Agricultural Economics	B.Sc.(Ag.) / B.Sc.(Hort.) / B.Sc.(Forestry) / B. Tech(Hort.) / B. Tech (Ag. Biotech) / B.E.(Ag.)/ B. Tech (Ag. Engg.) /B.F.Sc./ B.V.Sc. / B.Sc. Dairy Science / B.Sc. (Sericulture) / B. Sc. (Home Sci.) / B.Sc. (Ag. Maco.) / B.S.(ABM)/ B. Tech. (AIT) & B.S. (ABM)
2.	Agricultural Entomology	B.Sc.(Ag.) / B.Sc. (Hort.) / B.Sc. (Forestry) / B. Tech (Ag. Biotech) / B. Tech (Hort.)
3.	Agronomy	
4.	Plant Breeding and Genetics	
5.	Soil Science & Agricultural Chemistry	
6.	Vegetable Science	

- iv) Candidates seeking admission to the various Postgraduate degree courses are permitted to apply for ONLY TWO SUBJECTS. Separate applications should be submitted for each course. The documents should also be uploaded with application.

Registration

All newly admitted students should register during the first semester of the program. A student admitted to the post-graduate program should report to the Head of the Department concerned on the date of registration. It is the responsibility of the student to register the courses in person on the due date prescribed for the purpose. IN ABSENTIA registration will not be permitted on any circumstances. The concerned Head of the Department and the PG coordinator shall help the student in selecting the courses for

registration. The Head of the Department, Chairman and the PG coordinator are responsible to furnish the registration particulars of the students online in the prescribed format to the Controller of Examinations, Pondicherry University.

Academic Schedule

On the commencement of the semester, the academic calendar is prepared with following details and circulated to the students in the e-communication portal of the Institute and displayed in the notice board. The details in the calendar are:

- Date of registration
- Commencement and closure of the semester
- List of public holidays
- Period of mid-semester examination
- Final practical exam
- Period of semester break
- Date of final theory exam
- Tentative date of next semester registration

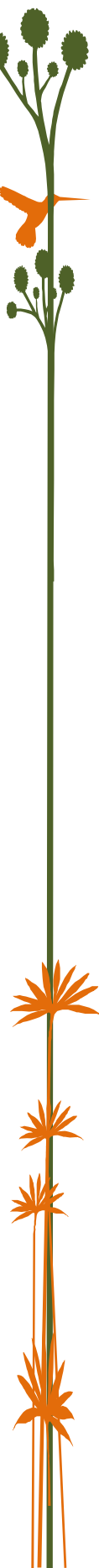
6.5.4.4 Conduct of Practical and Hands-on-Training

The practical syllabus is formulated based on the course needs. The student registered for a particular course has to necessarily attend 80 per cent classes conducted to gain eligibility for writing final examination. Practical classes are conducted in the field / experimental lab in the allotted practical hours by the course teacher. The practical exams are conducted as per the prescribed time table for the students who have registered the course.

The students are exposed to hands on Training in gaining practical experience in field operations, in documenting the biometrical traits of the crops, handling of various equipments in the laboratory and estimation of various parameters based on the course requirement.

6.5.4.5 Examination and Evaluation process

The evaluation and grading of the students in each course is done as per the Rule 08 of Regulations of B.Sc. (Hons.)Agri/Hort for the undergraduate students and as per the Rules 16 to 23 of the Regulations of M.Sc. Agri./Hort. for the postgraduate students. An abstract of the evaluation and grading of the students is given below.



Undergraduate programmes

- Each course shall carry a maximum of 100 marks. The weightage of Theory and Practical shall be in the ratio of 60:40 respectively.
- The results of the course shall be indicated by the grade points ranging from 0 to 10. The total marks in percentage obtained by the student in a course shall be divided by 10 and rounded to two decimal places to get the grade point.
- The minimum Grade Point to be secured for the successful completion of a course shall be 6.00.
- In case of courses with theory and practical, minimum of 50% mark separately in theory and practical with an aggregate of 60 per cent is essential.
- Securing a grade point less than 6.00 in a course will be treated as 'F' (Failed) and the Grade Point will be 0.00 for calculating the GPA/OGPA.
- In each course, examinations will be conducted for 100 marks as detailed below.

Examination	Courses with theory and practical	Courses with only theory	Courses with only practical
Mid-semester Examination	20	40	40
Final Theory Examination	40	55	--
Final Practical Examination	35	--	55
Attendance	5	5	5
TOTAL	100	100	100

- The examinations shall be conducted for various durations as given below:

Examination	Courses with theory and practical	Courses with only theory	Courses with only practical
Mid-semester Examination	1.0 hour	1.5 hours	1.5 hours
Final Theory Examination	2.5 hours	3.0 hours	--
Final Practical Examination	2.5 hours	--	2.5 hours

- The course teacher shall evaluate the mid-semester examination papers and communicate the marks to the Controller of Examinations through the Dean. The Practical examination is jointly evaluated by the Course Teacher (Internal Examiner) and another faculty nominated by the Dean for this purpose (External Examiner). The final theory examination papers are evaluated by the External Experts appointed by the Controller of Examinations.

Postgraduate programmes

- Each course shall carry a maximum of 100 marks. The weightage of Theory and Practical shall be in the ratio of 70:30 respectively.
- The results of the course shall be indicated by the grade points ranging from 0 to 10. The total marks in percentage obtained by the student in a course shall be divided by 10 and rounded to two decimal places to get the grade point.
- The minimum Grade Point to be secured for the successful completion of a course shall be 7.00.
- In case of courses with theory and practical, minimum of 50% mark separately in theory and practical with an aggregate of 70 per cent is essential.
- Securing a grade point less than 7.00 in a course will be treated as 'F' (Failed) and the Grade Point will be 0.00 for calculating the GPA/OGPA.
- In each course, examinations will be conducted for 100 marks as detailed below.

Examination	Courses with theory and practical	Courses with only theory	Courses with only practical
Mid-semester Examination	20	30	30
Final Theory Examination	50	60	--
Final Practical Examination	20	--	60
Term Paper	10	10	10
TOTAL	100	100	100

- The examinations shall be conducted for various durations as given below

Examination	Courses with theory and practical	Courses with only theory	Courses with only practical
Mid-semester Examination	1.0 hour	1.0 hours	1.0 hours
Final Theory Examination	2.5 hours	3.0 hours	--
Final Practical Examination	3.0 hours	--	3.0 hours

- The course teacher shall evaluate the mid-semester examination papers and communicate the marks to the Controller of Examinations through the Dean. The Practical examination is jointly evaluated by the Course Teacher (Internal Examiner) and another faculty nominated by the Dean for this purpose (External Examiner). The final theory examination papers are evaluated by the External Experts appointed by the Controller of Examinations.

Comprehensive qualifying examination

A qualifying examination shall be conducted to all postgraduate students as per the norms given below

Major subjects	~	One paper
Question paper setting	~	External
Evaluation of answer book	~	External
Qualifying marks	~	60%
Viva Voce	~	External
Grading	~	Satisfactory/Unsatisfactory

Credit Seminar

Seminar is compulsory for all the postgraduate students and each postgraduate student should register and present one seminar with 0+1 credit.

Thesis Research

Each postgraduate student should carry out independent research and submit a thesis under the supervision of an Advisory committee. The thesis shall be evaluated by an external examiner appointed by the University for award of the degree.

6.5.4.6 NCC/NSS units

The enrolment of students either in National Cadet Corps (NCC) or National Service Scheme (NSS) had been made mandatory which is also helping in moulding the students as better citizens of our country. The students take active part in all the service programmes organized by the State NSS Unit and NCC unit. Besides, the mandatory programme of physical education, the NSS and NCC programmes help in developing the physique of the student and mould them more disciplined and more spirited.

National Cadet Corps (NCC) Unit

The activities of the NCC unit of PAJANCOA&RI during the last five years is given in Table 6.5.4.6a.

Table 6.5.4.6a Activities of NCC unit

Year	Event	Remarks
2014	CATC – ATC – IUC preparatory camp at Puducherry	24 cadets participated
	All India Trekking Expedition at Nilgiris	3 cadets participated
	Passing out of ‘C’ certificate	24 cadets

Year	Event	Remarks
2015	CATC–ATC–IUC preparatory camp at Puducherry	16 cadets + NCC Officer participated
	Yoga training Camp for 15 days	50 cadets+ NCC Officer participated
	Inter Unit Competition (Nausainik) – Health and Hygiene competition	1 prize won by a cadet
	Sardar Patel Narmada Trek (SPNT), Gujarat	Attended by the NCC officer
	Passing out of ‘B’ certificate	16 cadets
	Passing out of ‘C’ certificate	23 cadets
2016	Combined Annual Training Camp (CATC) cum NSC Lauch camp	33 Cadets + NCC Officer participated
	Passing out of ‘B’ certificate	17 cadets
	Passing out of ‘C’ certificate	13 cadets
2017	National Integration Camp (NIC-I) held at Periyar Maniammai University, Vallam, Trichy.	Attended by NCC Officer
	Combined Annual Training Camp (CATC) held at Lawspet, Puducherry.	33 cadets + NCC Officer
	Passing out of ‘B’ certificate	17 cadets
	Passing out of ‘C’ certificate	16 cadets
2018	Cycle Rally led by Her Excellency Lt. Governor of Puducherry at Pondicherry and Karaikal, in connection with International Womens’day Celebration.	16 SW cadets
	CATC Camp at Lawspet, Puducherry	17 cadets
	CATC Camp at Lawspet, Puducherry	16 cadets
	Passing out of ‘B’ certificate	17 cadets
	Passing out of ‘C’ certificate	16 cadets

National Service Scheme (NSS) Unit

The volunteers of NSS usually organize Blood Donation Camps, election awareness campaigns and rallies, rallies on AIDS awareness and health and hygiene, clean India drive *etc.* The NSS volunteers with NCC cadets also involve themselves actively in **Swachh Bharath Programme**. The major year wise activities of the NSS unit are given in Table 6.5.4.6b

Table 6.5.4.6b Activities of NSS unit

Year	Major activities
2014	Attended a special camp on solid waste management by Karaikal Municipality Participated in Parthenium Awareness Rally Participated in the regional NSS Day celebration Organised tree planting in the hostel premises Organised blood donation programme with Red Ribbon Club and donated blood
2015	Organised the annual village camp at Athipadugai village Participated in voter's awareness rally Organised World Hand Wash day in the college premises Undertook campus and playground cleaning activities Organised blood donation programme with Red Ribbon Club and donated blood
2016	Organized International Yoga day in which 100 NSS volunteers participated 300 Volunteers participated in Traffic Law and Order awareness campaign 65 volunteers participated in mock drill on disaster management in Andur. Conducted essay writing completion on the eve of International Youth Day 100 volunteers participated in run for rio. Organised blood donation camp with 86 units of blood was donated. Organized badminton tournament on the international youth day
2017	Organized mass tree planting programme at PAJANCOA 100 volunteers participated in mass cleaning programme at Thirunallar temple town Dengue awareness programme was organized Organized awareness programme on the use of alternate medicine Organised blood donation camp with 86 units of blood was donated. Mass tree programme on the eve of Gandhi Jayanthi
2018	Organized mass campus cleaning programme 50 volunteers participated in HIV awareness rally Organised blood donation camp with 86 units of blood was donated. 50 volunteers participated in consumer awareness rally

6.5.4.7 Language Laboratory

The college has established an exclusive Soft Skill Enrichment Cell with an objective of grooming the communication skills and soft skills of our students for placement, higher education in India and abroad, and English language learning by means of self-learning packages. This helps the students to put their domain knowledge into effective practice. The

final year students are voluntarily enrolling themselves as members of the cell and workshops on **Communication Skills, Public Speaking Skills, Self Confidence Building, Self-Selling** in job search, Group Discussion Skills and Courage to face Interviews are arranged periodically.

6.5.4.8 Cultural Center

This Institute, functioning in the name of the visionary of modern India, is working towards the overall development of the student community. The focus is not merely on the academic development but the students' physical, mental and social wellbeing are taken care through various organized forums and committees functioning under the able guidance of the Dean of the Institute and well supported by the Staff Advisor and his team.

Students' Club

The students' club is formed every year under the presidentship of the Dean of the Institute, who nominates the student secretaries for various clubs/societies functioning under the banner of student's club. The club is steered through by the Staff Advisor who is an experienced faculty and is supported by the Physical Education Director.

The students involve themselves very actively in organizing the various functions under the banner of student's club and every year the outgoing students, who take the lead in organizing the programs christen a name specific to the club for that academic year. The students club led by the Club Secretary, is equally represented by the girl students, as each society would have a girl representative as its joint secretary.

The club not only focuses on bringing out the hidden talents of students but also takes care of the welfare of the students for which a Students Welfare Committee under the chairmanship of the Dean with the Staff Advisor as its member secretary is also functioning. The SWC meets once in every six months to sort out the issues both in the hostel as well as in their learning atmosphere.

The students club comprises of the following societies, each of which is functioning with the guidance of a faculty as Staff Associate, each having a secretary and joint secretary from the students.

1. Dramatic Society
2. Debating Society
3. Art and Literature Society
4. Hiking Society
5. Nature club



6. Rotaract Club
7. College Souvenir “**Agmemoir**” Editorial Board
8. Red Ribbon Club

Serving the needy and poor helps to serve the nation and promotes a healthy and wealthy India. Realising the fact, the students are motivated to enrol themselves in **Rotaract Club, Nature Club and Red Ribbon Club** through which various **awareness camps and rallies, health camps and blood donation programmes** are organized. These programmes are organized not only to fulfil the social obligations but also to inculcate the habit of maintaining cleanliness, to develop helping attitude, to realize the dignity of labour and to promote tolerance among the student community.

The **students club** of the Institute provides the opportunity for every student to learn, express and develop their talent and skill in various art and literary, debating as well dramatic events as each of these activities are performed under the banner of various societies viz., **debating, art and literature and dramatic societies**. Every society is led by a teaching staff with interest, skill and exposure in the relevant field. The students themselves are given opportunity to organize various programmes to express their talents and they are also supported well in participating in the events organized outside the campus, which includes competitions *organized at University, District, Regional and State level*.

6.5.4.9 Personality Development

The Institute follows an excellent system of coordinating the academic and other related performances of the students by designating a teaching staff as academic coordinator for each batch of students admitted. An academic counsellor is selected for every 8 to 10 students and the entire curricular and co-curricular activities of the students are closely monitored by the respective academic counsellors. The students meet their counsellor regularly, which provides a good platform not only for assessing the students' performance but also for counselling the students whenever necessary. The students who are trailing in studies are identified and motivated with individual coaching if necessary by the respective course teachers. This helps in identifying the individual skill of the students and efforts to develop those inherent skills of the students are well taken care by the academic counsellor through the staff associates representing the society of the student's club.

The Institute has a separate **placement cell** to provide information to the students on various employment opportunities available. The cell also offers advice, guidance and

opportunities available to the students in building up their career. The placement cell maintains a library with **books for those aspiring for civil services** examination and other **competitive examinations** organized by various Government, Public Sector and Sponsored Agencies. The cell regularly updates the employment opportunities available, opportunities available for overseas education and employment as well as self-employment opportunities to the students.

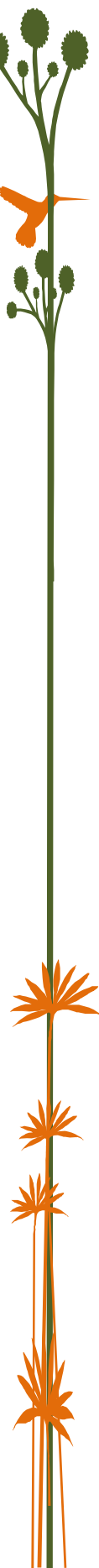
The placement cell had already arranged for the **campus interviews** through which 6 students got selected for Indian Bank in 2011 and 23 graduates got selected for ICICI bank during 2013. A campus selection of students through EID Parry India Limited was also arranged during 2011-12 in which 24 students were selected and placed. About 56 students were motivated to enrol for online Agribusiness Management course to get an additional degree during 2012-13. Placement of students in various Non-Governmental Organizations functioning in the State is also duly taken care.

While the placement cell itself arranges for special lectures on **Personality Development** and Career Prospects for the outgoing students, an exclusive **Soft Skill Enrichment Cell** is functioning to meet the present requirements of the employers wherein the professionals are required to put their domain knowledge into effective practice. The final year students are voluntarily enrolling themselves as members of the cell and workshops on **Communication Skills, Public Speaking Skills, Self Confidence Building, Self-Selling** in job search, Group Discussion Skills and Courage to face Interviews are arranged periodically. The students are encouraged to read English Newspapers, Magazines *etc.*, for improving their communication and writing skills.

Follow-up services for alumni

The Institute has established an alumni association guided by a teaching staff with the prime aim of linking the alumni of the institute so that those who are well placed could help other unemployed graduates from this Institute. An exclusive page for the alumni had also been opened in the college website, which could be well utilized by them either to register as new member or to update their profile. A social network system (face book) has also been established by the alumni of the Institute to have continuous and close rapport.

A good number of students (Table 6.5.4.9a) from this Institute are already selected for civil services and are working in different capacities viz., Administrative Service, Forest Service, Foreign Service and Revenue Service.



Some of the students are working as scientist abroad and many alumni of the Institute are in the network of Agricultural Research Service / Faculties of the colleges / Universities across the country.

Table 6.5.4.9a List of alumni in civil services

Sl. No.	Name of the alumnus	Batch	Rank	Position
1	Justin Mohan	1991	IFS	Indian Forest Service
2	J. Ezhilarasan	1992	IRS	Indian Railway service
3	R. Jayanthi	1992	Conferred IAS	Collector, Thirupur District
4	P. Ulaganathan	1993	IAS	District Magistrate, Cooch Bihar,
5	V. Balasubramanian	1993	Indian postal service	Assistant Commissioner, Chennai
6	Z. Azghar Zain	1993	IRS	Income tax department, Mumbai
7	P. Rameshkumar	1994	IFS	Karnataka
8	M. Malathipriya	1994	IFS	Karnataka
9	K. Veeramani	1996	IRS	Assistant Commissioner, Income Tax, Puducherry
10	P. Jawahar	1997	IAS	Secretary LAD, Govt. of Puducherry
11	Kumaran	1997	IRS	Assistant Commissioner, Income Tax, Chennai
12	A. Chandru	200	IFS	Indian Foreign service
13	N. Chandrasekar Bala	2000	IFS	Indian Forest Service

In the recent past more students, have joined as Specialised Officer (Agriculture) in various *nationalised and private banks*. Few students had also started Agro-clinics and bio production centres. The students of this institute are also working as consultants for farming and landscaping.

In order to develop a better rapport among the present and passed out students of this Institute, Alumni meet is organized and two such meet was organized in the recent past. The alumni of this Institute placed in high profile are also invited as Guest Speaker on important college functions *viz.*, College Day and Hostel Day, to motivate and guide the youngsters aspiring for such higher level.

Student's achievement in academic, co-curricular and other activities

The **leadership qualities** of the students are well expressed by organizing a state level inter collegiate cultural meet in the name **Fete de Agri** (Festival of Agriculture). The



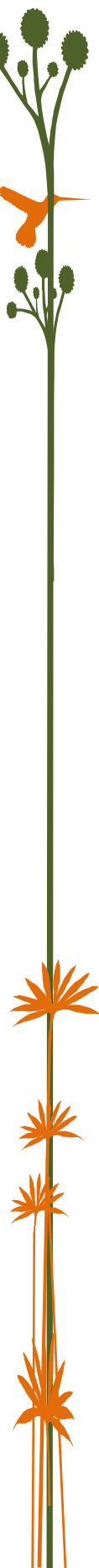
students are involved in organizing all the major events of the Institute viz., College Day, Hostel Day and Sports Day besides other intra collegiate events. Some of the milestone by the students in various fields during the last five years is listed below.

Sports

The achievement of the students in sports activities during the last five years is given in Table 6.5.4.9b.

Table 6.5.4.9b Achievements of students in sports activities

Year	Event	Achievement
2014-15	Karaikal District Power lifting championship	1 Gold
	State level Power lifting championship Puducherry	1 Gold
	National level Power lifting championship	1 Participation
	TNAU Inter collegiate Tournament	
	Badminton (Men)	Silver
	Badminton (Women)	Gold
	100 m Hurdles	Silver
	Hammer Throw	Silver
	All India Inter Agri Sports Badminton (Men)	1 Participation
2015-16	State level Power lifting championship Puducherry	1 Gold
	TNAU Inter collegiate Tournament	
	Volleyball (Women)	Silver
	Table Tennis (Women)	Gold
	400 m Hurdles	Silver
	Hammer Throw	Gold
	100 m Hurdles	Silver
	200 m Run	Bronze
2016-17	All India Inter Agri Sports Volleyball (Women)	1 Participation
	Karaikal District Power lifting championship	1 Gold
	State level Power lifting championship Puducherry	1 Gold
	All India Inter Agri Sports	
	Kabaddi	Silver
	4X100 m Relay	Bronze
	Badminton (Men)	1 Participation
	Badminton (Women)	1 Participation
	Table Tennis (Men)	1 Participation
2017-18	Table Tennis (Women)	1 Participation
	State level Power lifting championship Puducherry	4 Gold
	National level Power lifting championship	1 Silver
	National Canoeing Championship (MP)	Participation
	National Soft Ball Championship	Participation
	South Zone Inter University Tournament Volleyball	Bronze
	Pondicherry University Inter Collegiate Weight Lifting	2 Gold
	South zone Inter University Handball Championship (Women)	Participation



Year	Event	Achievement
2018-19	ICT (Kabaddi) of Podnicherry University	Silver
	SPORAG an ICT for Agriculture Colleges	Participation
	South zone Handball Championship	Participation
	All India Handball Championship	Participation
	South zone Inter University Handball tournament	Participation
	South zone Inter University Basketball tournament	Participation
	South zone Inter University Chess tournament	Participation
	South zone Inter University Volleyball tournament	Participation

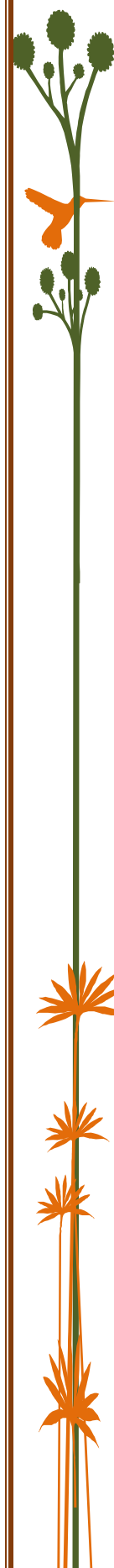
Other Achievements by Students

The achievements of the students in other co-curricular activities are furnished in Table 6.5.4.9c.

Table 6.5.4.9c Achievements in other co-curricular activities

Year	Event			Prizes won / Position
2014-15	State Level Anna Memorial Elocution Competition			II Prize
	State Level 'Quiz Competition by Pondicherry University			II Prize
	Voters Awareness Competition			Elocution – I Prize Short Film – II Prize Quiz – II Prize
	TALENTIA '14 – A State Level Cultural Meet by AC&RI, Madurai			Classical Solo Dance – I Prize Instrumental Music – I Prize Face Painting – I Prize Dub a Clip – I Prize Ad-zap – I Prize Mime – II Prize Mono Acting – II Prize Step n Synchrone – II Prize Fashion Parade – II Prize Miss Talentia
2015-16	TALENTIA '15 – A State Level Cultural Meet by AC&RI, Madurai			Solo Song – I Prize Step n Synchrone – I Prize Collage – II Prize Theme Exhibit – II Prize Theme Show – II Prize Voice of Talentia Title
2016-17	Malarum Velanmai, Coimbatore	Tamil Magazine,		Essay (Tamil) -Second Poetry (Tamil) -Fourth
	S.R. Renganathan, 125 th Memorial competition by District Library, Karaikal			Elocution (Tamil) -First
	International Youth Day, 2016 Essay competition by PAJANCOA & RI, Karaikal			Essay (English) -First, Second, Third
	Clean and Green, Karaikal – A student Movement by the District Administration, Karaikal			Elocution (English) -Third
	World Fisheries Day 2016 by Fisheries and Fisherman welfare Department, Karaikal.			Essay (English) -First, Second, Third

Year	Event	Prizes won / Position
2016-17	National Consumer Day by Department of Civil Supplies and Consumer Affairs, Karaikal	Elocution (English) -Second, Third
	7 th National Voters Day by District Election Officer, Karaikal	Elocution (English) -Second Slogan Writing (Tamil) -First Essay (Tamil) -Second Essay (English) -Second
	Celebration of Dr. B.R. Ambethkar Anniversary by the District Administration, Karaikal	Poetry (English) -First Essay (English) -Second
	Celebration of Road Safety week by District Administration	Mime -First
	Celebration of 125 th Anniversary of Dr. B.R. Ambethkar by District Administration	Short film - First Mime -Second
	Celebration of National Voters Day by District Administration	Choreography -Second
	State level inter College Techno Cultural Meet by PKIET, Karaikal	Mime - First Choreography - Second
	All India essay writing event 2017 by Shri Ram Chandra Mission and United Nations Information Centre for India and Bhutan	Essay (Tamil) -First
	Le Ciel Fest, NIT, Puducherry, Karaikal	Skit (English) -First
	8 th National Voters Day competition by the office of the District Election Officer, Karaikal	Extempore (Tamil) -First Extempore (English) -Third Slogan Writing (Tamil) -First Slogan Writing (English) - Second Essay (English) -Second
2017-18	Arignar Anna Birth Day Commemoration Poetry Recital competition by DMK unit of U.T. of Puducherry.	Poetry (Tamil) -First
	Celebration of Dr. B. R. Ambethkar 125 th birth Anniversary by the District Administration	Poetry (English) -Second
	Annual Fest of Bharathiyar college, Karaikal	Meganthi Competition -First



6.5.5 PHYSICAL FACILITIES

6.5.5.1 Hostels

The college is having well-equipped physical facilities which encourages the students to concentrate on their education and career advancement.

Sl. No.	Particulars	Number of hostels	RCC building Area (Sq.m.)	Number of rooms	
				Single bed	4 bedded
1.	Boys Hostel	1	5972	60	46
2.	Girls Hostel	1	5972	60	46
Total area		2	11944	120	92

Separate residential facilities for boys and girls are available for both UG and PG students of this college. However, extension of both hostels for boys and girls are under consideration as the number of intake for degree programmes are increased.

The available accommodation facilities are comfortable and the students are provided with all the basic and modern supporting facilities.

Mess facility

There are two centralized mess (separately for boys hostel and girls hostel) with modernized kitchens and dining halls. The mess/dining halls in the hostels are fully equipped with water purifiers, steam plate washing systems and invertors for uninterrupted power supply and stereo systems.

Dining Hall

Separate dining halls are provided with boys and girls students. About 200 students can dine at a time in each dining hall furnished with tables and benches. Also, separate dining halls are available for postgraduate students and guests in both boys and girls hostels. The food items are cooked using modernized kitchen equipments and served for the students.

Other amenities

- Each hostel is having a Reading room and a TV hall provided with colour - television and DTH facility.
- Visitor's hall is provided in each hostel.



Fig. 7 Boys' hostel



Fig. 8 Girls' hostel

- Two-wheeler parking sheds are provided in both the hostels for the safety of two wheelers of the inmates.
- One 200 KVA Generator is available in the campus for uninterrupted power supply.
- 24 x 7 Internet facilities have been provided in both the Hostels.
- CCTV surveillance system is installed in boys and girls hostels.
- Biometric Attendance System (BAS) is maintained for monitoring the movements of the students.

- Two units of 250 LPH RO systems are provided for the boys and girls hostels.
- Water coolers which dispense both cold and hot water are installed in both the hostels.
- To accomplish Swatchh Bharat and for general hygiene of hostel inmates, sanitary napkin incineration machine is installed in girls hostel
- Every year, hostel day is celebrated. During this event the best room maintained by the student is selected and recognized by giving an award.
- Guest room facilities are made available for the visitors/ parents of the students in both boys and girls hostels.
- Amenities centre is available with facilities for photocopying and DTP works on service rent basis for the benefit of students.

Transport facility

The college bus is plied in the evening hours, twice a week, for the girl students to go to the city for shopping and worshipping. Also, a LMV is available in the college to meet the emergency medical requirements of the students.

Students' Co-operative Society Store

A students' Co-operative store is established for making available different daily needed items to the students at a reasonable price. It is run by Agricultural Students Co-operative Society Limited. In addition to it, one more refreshment stall run by Co-lait society is also established in the campus premises to provide daily and evening snacks to the students at affordable price.

6.5.5.2 Examination Hall

The theory examinations (mid-semester and final) of all the degree programmes are conducted in the examination halls only. The college possesses three examination halls in the ground floor of the administrative block for the purpose of conducting examinations.

Name of the Exam Hall	Floor Area (sq. m.)	Seating capacity
Examination Hall – I	296	100
Examination Hall – II	148	50
Examination Hall – III	148	50

All the examination halls are equipped with CCTV camera, wall clock, alarm bell, water purifier and electrical fittings which are required for conducting examinations. The examination halls are provided with steel racks for keeping personal things of examinees.



Fig. 9 Examination hall of the Institute with CCTV surveillance

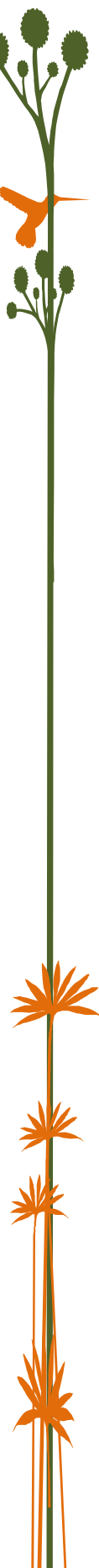
6.5.5.3 Sports and Recreation Facilities

To maintain the health of the students, various indoor games, outdoor games, fitness centre and recreation facilities are available. The students are trained for inter-collegiate, inter-university, state level and national level completions in various sports and games events. The college has the following sports facilities.

- 200 metres track with six lanes.
- Two separate volley ball courts with adjustable posts for boys and fixed height for girls.
- Two ball badminton courts for boys and girls.
- One football field.
- One indoor badminton court with flood light facilities.
- Two table tennis boards for boys and girls.
- One Kabadi court for boys.
- One kho-kho court for girls.
- Facilities for indoor games like chess and carom.
- A fitness hall with equipments like multi-home gym, adjustable bench press, cable cross machine, free weights 400 kg, barbells

Every year, the students are divided into four groups and intramural sports and games are conducted. In intramural sports, the following games are conducted for boys and girls.

Badminton	ball badminton	Chess
Cricket	Kabady	Kho-kho
Table tennis	Volley ball	



During the annual athletic meet, athletic events are also conducted for both boys and girls. The winners are awarded with prizes and medals in the Annual Sports Day meet.

The indoor and outdoor stadium are maintained periodically utilizing the services of MTS (General) working in the Physical Education Unit. In addition, at times of conduct of sports events and competitions among the students, the playground is maintained using contractual services.

6.5.5.4 Auditorium

The college does not have an auditorium. However, it has a fully air-conditioned seminar hall with required audio-visual facilities and public address system in order to conduct small events and cultural functions. At times of requirement, a temporary open air theatre is set up for conducting mega events such as College Day, Hostel Day and Sports Day.

6.5.5.5 Exhibition Hall/Museum

A common exhibit area in the ground floor of the administrative building is available for the display of the exhibits in connection with Farmer's day, Scientific Workers Conference, Book exhibition *etc.*

Other Important facilities

- Computer laboratory with LAN and Internet facility
- Conference Hall
- Seminar hall
- 200KVA Generator for emergency power supply to the college
- Implement shed
- Seed Processing Centre
- Seed Storage go down

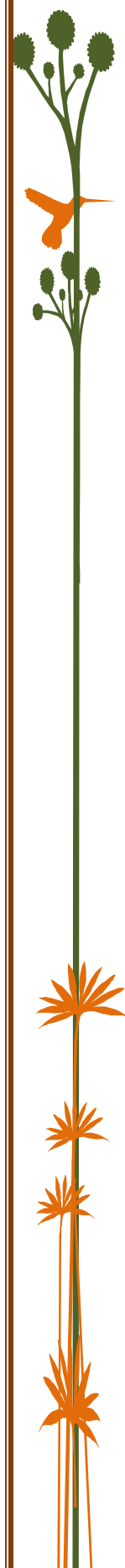
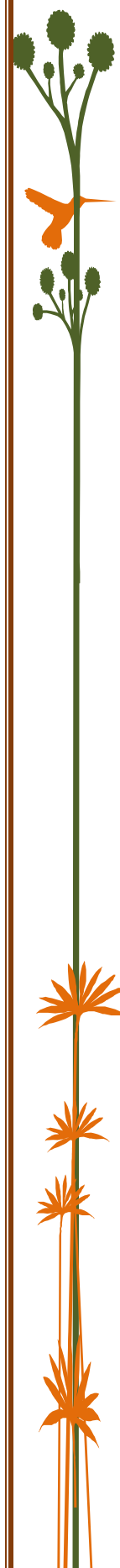




Fig. 10 Computer Centre of the Institute



Fig. 11 Conference hall of the Institute



6.5.6. RESEARCH FACILITIES

6.5.6.1 Postgraduate Laboratories and Equipments

Laboratories

The details on the laboratories available in different departments are furnished in Table 6.5.6.1.

Table 6.5.6.1 Laboratory facilities available in the college

Department	Laboratories available
Agricultural Economics & Extension	Audio visual Laboratory Computer Laboratory
Agricultural Entomology	UG Laboratory PG Laboratory
Agronomy	UG Laboratory PG Laboratory Agrometeorological observatory Instructional farm
Horticulture	UG Laboratory PG Laboratory Instructional farm
Plant Breeding and Genetics	UG Laboratory PG Laboratory Cytogenetics Laboratory Tissue culture Laboratory DNA finger printing Laboratory Molecular Genetics Laboratory Crop Physiology Laboratory Seed Technology Laboratory Seed Testing Research Laboratory
Plant Pathology	UG Laboratory (Pathology) UG Laboratory (Microbiology)
Soil Science and Agricultural Chemistry	UG Laboratory PG Laboratory PG Research Laboratory Research Laboratory for staff

Research farm for PG Research

The College research farm under the management of Department of Agronomy caters the research requirements of PG students of all the Departments. The research farm managed by the Department of Horticulture is used by the PG students of M.Sc. Hort (Vegetable Science)

Equipments

The details on the equipments available in different departments are furnished below.

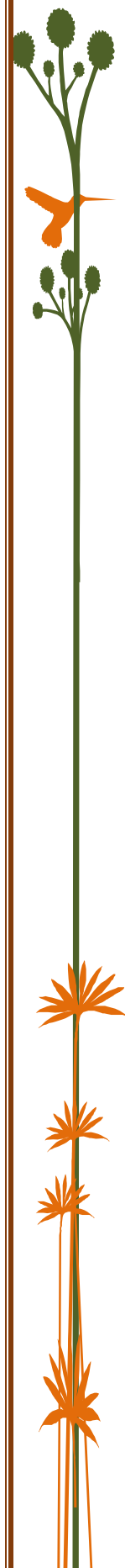
Department of Agricultural Entomology (Disciplines: Entomology and Nematology)

Sl. No.	Name of the Equipment
1.	HPLC
2.	Stainless steel Autoclave
3.	Laminar flow
4.	Glass Bead Sterilizing Unit for tile laminar flow
5.	4KvA Servo Krykard Stabilizer
6.	Beehives
7.	Steel racks for rearing of insects
8.	Stereoscopic microscopes
9.	Double distillation Unit
10.	Insect boxes
11.	Potter's Tower
12.	Work tables
13.	Class room rostrums
14.	LPG stove and cylinder
15.	Soxhlet apparatus
16.	Haemocytometer
17.	Microwave oven
18.	Pressure cooker
19.	Electric Stove with regulators
20.	Centrifuge
21.	Refrigerated centrifuge
22.	Ocular micrometer and stage micrometer
23.	Dissection microscope
24.	Field cage frames
25.	Compound microscope
26.	Microscope with CCD camera
27.	Insect blow-ups
28.	Insect wooden cages
29.	Insect Flying Tunnel
30.	Television and VCR
31.	Refrigerators
32.	Sericulture video cassette teaching aids
33.	Olfactometer

Sl. No.	Name of the Equipment
34.	Five KG balance
35.	Insect vial cabinet
36.	Digital camera
37.	Sony Handycam
38.	Deep freezer
39.	Spectrophotometer
40.	Slide projector
41.	Advanced Plant Growth Chamber SANYO make
42.	Hot water bath
43.	Hot air oven
44.	Microtome
45.	Blender
46.	Electronic balance
47.	Rotary vapour bath
48.	Hot plate
49.	Eppendorf micro centrifuge
50.	PCR instrument
51.	Insect repository
52.	Fixed insect and plant specimens
53.	Insect traps
54.	Different types of sprayers
55.	Sonicator
56.	Screen house
57.	Motic stereozoom microscopes
58.	Insect collection nets
59.	Storage pest monitoring kit
60.	Honey extractor
61.	Insect cabinets

Department of Agronomy

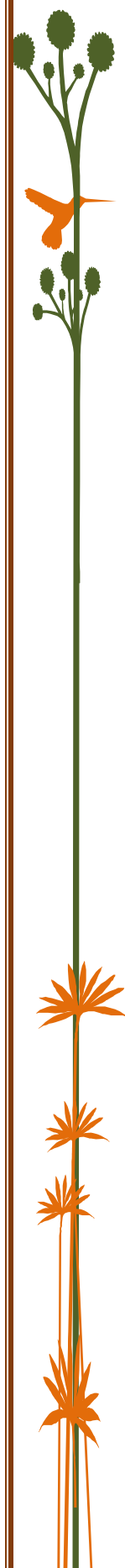
Sl. No.	Name of the Instrument
1.	Willey Mill
2.	Willey mill (Heavy duty)
3.	Electronic balances
4.	Physical and Chemical balances
5.	Digital conductivity meter
6.	Digital pH meter
7.	Portable water quality analyzer
8.	Spectrophotometer
9.	Flame Photometer
10.	Semi automatic nitrogen analyzer
11.	GPS meter
12.	Sand bath
13.	Mechanical shaker
14.	Hot air ovens
15.	Muffle furnace



Sl. No.	Name of the Instrument
16.	High speed centrifuge
17.	Automatic solvent extraction system
18.	Automatic fibre extraction system
19.	Neutron moisture probe
20.	Leaf area meter
21.	Lux meter
22.	Refractometer
23.	Magnetic stirrer

Department of Plant Breeding and Genetics
(Disciplines: Pl. Br. & Gen., Seed Sci. & Tech. and Crop Physiology)

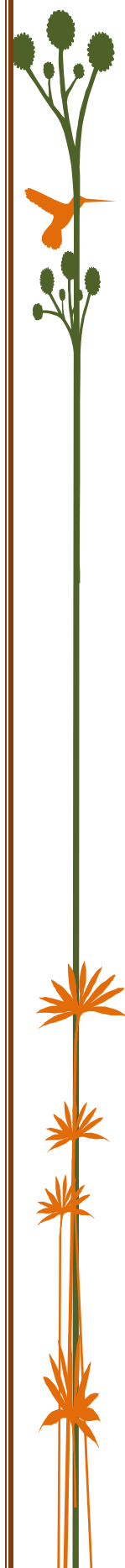
Sl. No.	Name of the Equipment
1.	Weswox Rotary Microtome
2.	NOVEX – Trinocular Microscope
3.	NOVEX – Binocular microscope
4.	Leica - Trinocular Fluorescent Microscope with photomicrography system
5.	Equitron – Vertical Autoclave
6.	Dissection microscope
7.	Zoom stereo binocular microscope Gentner model GSZ-77
8.	Olympus model HAS student monocular microscope
9.	Olympus model GB lab monocular microscope
10.	Olympus model KICET-I Trinocular microscope
11.	Electronic Precision balances
12.	Hot Air Oven
13.	Flame photometer – CL –360
14.	Fuji Compensating Planimeter
15.	Elico Agrophotometer
16.	Remi Model Rotary Shaker
17.	Electrophoresis Unit
18.	Binocular Stereo Microscope
19.	Laboratory Mill (Willey type) Mico Make
20.	Complete Area Measurement system
21.	Milton ray Spectronic 20 Spectrophotometer
22.	Vacuum pump
23.	Leaf Chamber Analyser (Portable)
24.	Lux meter
25.	Ausco incubator
26.	Remi Centrifuge
27.	pH meter
28.	Gel Documentation System
29.	Thermal Cycler
30.	Refrigerated Centrifuge
31.	Electrophoresis – PAGE
32.	Deep Freezer (~ 86°C)
33.	Gel Documentation system



Sl. No.	Name of the Equipment
34.	Spectrophotometer
35.	Gradient thermal cycler
36.	Microwave oven
37.	Neolab water bath
38.	Incubator
39.	UV trans illuminator
40.	pH meter
41.	Conductivity meter
42.	Seed Germinator
43.	BOD incubator
44.	Seed moisture analyser
45.	Laminar Flow Chamber
46.	Thermal Cycler
47.	Gel Electrophoresis Unit

Department of Plant pathology
(Disciplines: Plant Pathology and Agricultural Microbiology)

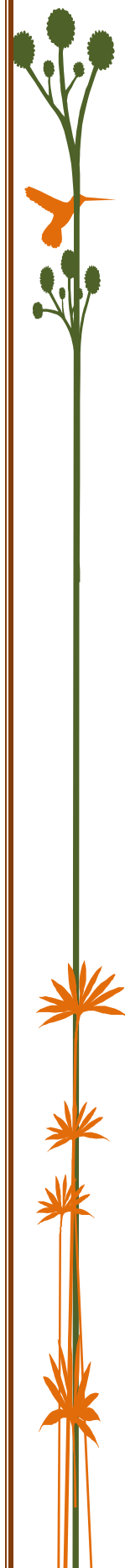
S. No.	Name of the Instrument
1.	Students monocular microscope – Make OLYMPUS
2.	Horizontal Laminar Flow Chamber – Model 1104
3.	Hot Air Circulating Oven
4.	Dissecting microscope
5.	Refrigerators
6.	Microwave Oven
7.	Self Indication Scale
8.	Bench Top incubator cum Shaker – NEOLAB model OSI 264
9.	Mini Quartz Distiller
10.	Monocular Inclined microscope
11.	Autoclave (Vertical)
12.	Inoculation Hood
13.	Stereo zoom Microscope (Binocular version)
14.	Stereo zoom Microscope (Trinocular version)
15.	Monocular microscope
16.	Top Pan Balance with LCD display
17.	Trinocular Microscope with microphotography and image analyzing software
18.	Incubation Hood
19.	Binocular Microscope
20.	Hot Air Oven
21.	Autoclave – vertical 10” x 18”
22.	pH meter
23.	EC meter
24.	Monocular microscope – Olympus – model HSA
25.	Monocular microscope – Olympus – model GB
26.	Rotary shaker



S. No.	Name of the Instrument
27.	Laminar Air Flow Chamber (small)
28.	Laminar Air Flow Chamber (Big)
29.	Horizontal Electrophoresis
30.	Cooling Centrifuge
31.	Gas Chromatograph Model 4010
32.	Bio tech transilluminator
33.	Vacuum pump
34.	Deep Freezer Refrigerator~ BPL
35.	EPJ Fluorescence Microscope
36.	Microwave oven Model 700T
37.	Trinocular Microscope with Phase Contrast
38.	Trinocular Stereo Zoom Microscope
39.	Autoclave -Bench Top Fermentor
40.	Autoclave – EQUITRON
41.	Spectrophotometer
42.	ELISA Reader with kit
43.	Hot air oven
44.	Double Distillation Unit
45.	Stereo Zoom Microscope
46.	BOD Incubator, pH meter
47.	Deep Freezer – 40c
48.	Inoculation Hood
49.	Steel Culture Cabinet
50.	Incubator
51.	Wexwox model student microscope

Department of Soil Science and Agricultural Chemistry

Sl. No.	Name of the Equipment
1.	pH meter
2.	EC meter
3.	N Auto analyser
4.	Spectrophotometer
5.	Flame Photometer
6.	Atomic Absorption Spectro photometer
7.	Auto titrator
8.	Eppendorf refrigerating centrifuge
9.	Hot plates
10.	Water baths
11.	Hot air ovens
12.	Mechanical Shakers
13.	All quartz double distillation unit
14.	All quartz single distillation unit
15.	Minor instruments and equipments required for soil, plant and water analysis



Department of Horticulture

Sl. No.	Name of the Equipment
1.	Water bath
2.	Hot air oven
3.	Sand bath
4.	Hand Refracto meter
5.	Manual Aluminium orange crusher
6.	Deep freezer
7.	Class room projection Microscope
8.	Dissection Microscope
9.	Zoom stereo Microscope + Nitrogen SLR Camera
10.	Monocular Inclined student microscope
11.	Hand held digital force gauge
12.	Hand held pocket pH meter
13.	Hand held pocket EC, TDS & Temperature meter
14.	Hand held digital Vernier Caliper
15.	Distillation unit
16.	Spectrophotometer
17.	Soxhlet apparatus
18.	Refrigerator
19.	Wiley mill
20.	Centrifuge
21.	Leaf area meter
22.	Colony counter
23.	Rotary shaker
24.	Flame photometer

6.5.6.2 Research Contingency

The Grant-in-Aid received from the Government of Puducherry is used for meeting the research contingency of the PG students. Part of the fund allotted in main recurring and the fund from private agency schemes is utilized for the research work of the students.

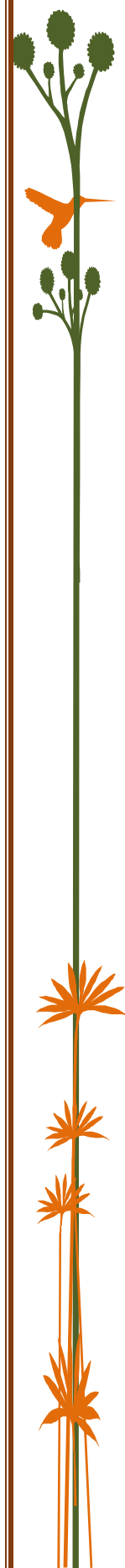
Several ICAR - All India Coordinated Research Project (AICRP) Trails on various crops and research areas are being conducted by this Institute, as voluntary centres.

The details on the list of external funded projects operated by the faculty are given Table 6.5.6.2.

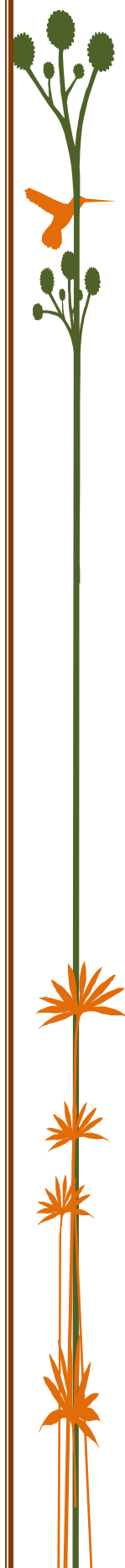
Table 6.5.6.2 Details of the external funded projects operated by the faculty

Sl. No.	Name of the faculty	Title of the Project	Year / Duration	Fund outlay (in lakh Rs.)	Funding Agency
Department of Agricultural Economics					
1.	Dr. A. Pouchepparadjou Mr. C. Aroutselvame	Socio economic impact of farm mechanization on agricultural labour in Cauvery delta of TN and Puducherry	2018	4.20	ICSSR, New Delhi
Department of Agricultural Entomology					
1.	Dr. M. Kandibane Dr. K. Kumar	Evaluation of dinotefuran 20 SG in rice and cotton, pymetrozine 3 WG against the sucking pest of rice	2016	5.00	Bhagiradha Cehemical Ltd., Hyderabad
2.	Dr. M. Kandibane Dr. K. Kumar	Evaluation of LG1 insecticides against stem borer and leaf folder in rice shoot and fruit borer in brinjal and thrips in onion	2016	6.20	Sulphur Mills India Ltd., Mumbai
3.	Dr. K. Kumar Dr. M. Kandibane	Bio-efficacy and phytotoxicity of DVA-I-001 insecticides against the pests of cotton and rice	2017	7.00	Bhagiradha Cehemical Ltd., Hyderabad
Department of Agronomy					
1.	Dr. AL. Narayanan	Gramin Krishi Mousam Sewa (IMD)	2014	7.60	Ministry of Earth Sciences, GOI
2.	Dr. AL. Narayanan	Gramin Krishi Mousam Sewa (IMD)	2015	5.94	
3.	Dr. AL. Narayanan	Gramin Krishi Mousam Sewa (IMD)	2016	9.48	
4.	Dr. AL. Narayanan	Gramin Krishi Mousam Sewa (IMD)	2017	9.77	
5.	Dr. P. Saravanane	Green synthesis of nanoparticles from medicinal weed and its utilization in agriculture	2017	0.60	DSTE, Puducherry
6.	Dr. AL. Narayanan	Gramin Krishi Mousam Sewa (IMD)	2018	9.76	Ministry of Earth Sciences, GOI
Department of Plant Breeding and Genetics					
1.	Dr. V. Krishnan Dr. S. Nadaradjan Mrs. D. Uma maheswari	Strengthening of tissue culture laboratory for micro propagation of banana	2017	20.00	NHM, New Delhi

Sl. No.	Name of the faculty	Title of the Project	Year / Duration	Fund outlay (in lakh Rs.)	Funding Agency
2.	Dr. S. Thirumeni Dr. S. Nadaradjan	From QTL To Variety: Marker Assisted Breeding Of Abiotic Stress Tolerant Rice Varieties With Major QTLs for drought, submergence and salt tolerance	2010 to 2016	83.30	DBT, GOI, New Delhi
3.	Dr. S. Thirumeni Dr. S. Nadaradjan	From QTL to Variety: Genomics assisted introgression and field evaluation of rice varieties with mmajor genes/QTLs for yield drought, flood and salt stress	2016 to 2020	58.49	DBT, GOI, New Delhi
Department of Plant Pathology					
1.	Dr. C. Jeyalakshmi Dr. C. Rettinasababady	Establishment of Plant Health Clinic (PHC) at PAJANCOA & RI, Karaikal	2014	12.00	NHM
2.	Dr. S. Sundaravarathan	Evaluation of super 6 - bioproduct on growth and yield of Blackgram (Vamban-3)	2014	0.40	M/s Yield More Co, Chennai
3.	Dr. S. Sundaravarathan	Evaluation of super 6 - bioproduct on growth and yield of Radish (Variety:Pusa chetki)	2014	0.40	M/s Yield More Co, Chennai
4.	Dr. C. Jeyalakshmi Dr. C. Rettinasababady	Evaluation of various fungicide molecules on the management of diseases of chilli, paddy, groundnut and grapes	2017	11.00	M/S Sulphur Mills Ltd, Mumbai
5.	Dr. C. Jeyalakshmi Dr. C. Rettinasababady	Evaluation of various fungicide molecules on the management of diseases of chilli and groundnut	2017	4.50	M/S Coromandal Agrochemicals Ltd, Mumbai
Department of Soil Science and Agricultural Chemistry					
1.	Dr. U. Bagavathiammal Dr. R. Sankar Dr. A. Baskar Dr. K. Coumaravel	Development and validation of fertilizer prescription equation for various cropping system based on STCR equation	Since 2012	13.00	AICRP-STCR ICAR
2.	Dr. A. Baskar Dr. U. Bagavathiammal Dr. L. Aruna	Comprehensive study on polluted stretch of river Arasalar down stream of Karaikal and Chunnambar down stream of Puducherry	2014	5.00	DSTE, Puducherry



Sl. No.	Name of the faculty	Title of the Project	Year / Duration	Fund outlay (in lakh Rs.)	Funding Agency
Department of Horticulture					
1.	Dr. V. Kanthaswamy	AICRP on vegetables	2014	1.00	ICAR-IIVR, Varanasi
2.	Dr. V. Kanthaswamy	AICRP on vegetables	2015	2.30	ICAR-IIVR, Varanasi
3.	Dr. G. Md. Yassin	Establishment of Model Nursery	2015	15.00	NHM
4.	Dr. V. Kanthaswamy	AICRP on vegetables	2016	1.00	ICAR-IIVR, Varanasi
5.	Dr. M.S. Marichamy Dr. V. Sundaram	Production, Post Harvest Management and Processing of Major Tropical Fruit Crops	2016	2.10	NHM
6.	Dr. V. Kanthaswamy	AICRP on vegetables	2017	2.20	ICAR-IIVR, Varanasi
7.	Dr. V. Sundaram	Studies on optimizing storage conditions for vegetables in ZECC under coastal regions	2017	0.50	DSTE, Puducherry
8.	Dr. V. Kanthaswamy	AICRP on vegetables	2018	6.00	ICAR-IIVR, Varanasi



6.5.7. OUTCOME / OUTPUT

6.5.7.1 Student Performance in National Examinations

Students are motivated to write JRF, SRF, NET, ARS and various other competitive Examinations like IBPS during their study. Based on the interest of the students, separate coaching classes are also being conducted for different competitive examinations. The performance of the students in the last five years in JRF/SRF/NET/ARS and other national level examinations is given in Table 6.5.7.1.

Table 6.5.7.1 Performance of students in national level examinations

Examination	Number of successful candidates				
	2014	2015	2016	2017	2018
JRF	2	1	6	3	3
SRF	~	~	~	~	2
NET	4	5	5	5	3
ARS	4	5	5	5	3

6.5.7.2. Students Placement Profile

The placement profile of the UG and PG students who completed their degree programmes in this college is furnished in Table 6.5.7.2a.

Table 6.5.7.2a Placement profile of the students

Particulars	UG (Graduating year)					PG (Graduating year)				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
Government Services	3	1	1	2	~	2	2	1	3	2
Private Industries	8	3	22	9	2	7	3	2	~	2
Assistant Professors	~	~	~	~	~	3	1	3	6	9
Banking sector	4	4	~	~	~	4	4	3	~	~
Higher Education	28	24	42	44	27	5	2	5	4	5
Others (JRF/SRF/RA/ATMA etc.)	3	~				2	2			

Achievements of Alumni of this college

Many alumni of this college are placed in very good positions at national and international level. The information on the few major achievements of the alumni of this college is furnished in Table 6.5.7.2b.

Table 6.5.7.2b Achievement of the alumni of the college

Sl. No	Position	Number
1.	International academic & Research Institutes/ Universities	8
2.	Indian Civil Services	13
2.	National level Administrative posts	5
3.	National Agricultural Research Institutes	25
4.	Faculty in Colleges/Universities	45

Alumni in International academic and research institutes/ Universities

Sl. No	Name	Batch	Position/rank	Address
1.	Dr. R. Raja	1989	Scientist	Univ. of Saskatchewan, Canada
2.	Dr. S. Subramanian	1990	Dept. of Surgery	University of Minnesota
3.	Dr. Arulselvan	1993	Scientist	University of Oxford
4.	Dr. Ajit Govind	1994	Scientist	INRE, France
5.	Dr. T. Satyanarayanan	1994	Director	IPNI, Southern region
6.	Mrs. Sumathy	1994	Scientist	Singapore
7.	Dr. M. T. Vinayan	1998	Scientist (IRS)	CIMMYT, Hyderabad
8.	Dr. K. Seetharaman	2001	Project Scientist	CIMMYT

Alumni in Indian Civil services

Sl. No	Name	Batch	Position/rank	Address
1.	Justin Mohan	1991	IFS	Indian Forest Service
2.	J. Ezhilarasan	1992	IRS	Indian Railway service
3.	R. Jayanthi	1992	Conferred IAS	Collector, Thirupur District
4.	P. Ulaganathan	1993	IAS	District Magistrate, Cooch Bihar,
5.	V. Balasubramanian	1993	Indian Postal Service	Assistant Commissioner, Chennai
6.	Z. Azghar Zain	1993	IRS	Income tax department, Mumbai
7.	P. Rameshkumar	1994	IFS	Karnataka
8.	M. Malathipriya	1994	IFS	Karnataka
9.	K. Veeramani	1996	IRS	Assistant Commissioner, Income Tax, Puducherry

Sl. No	Name	Batch	Position/rank	Address
10.	P. Jawahar	1997	IAS	Secretary LAD, Govt. of Puducherry
11.	Kumaran	1997	IRS	Assistant Commissioner, Income Tax, Chennai
12.	A. Chandru	2000	IFS	Indian Foreign service
13.	N. Chandrasekar Bala	2000	IFS	Indian Forest Service

Alumni in National Agricultural Research Institutes

Sl. No	Name	Batch	Position/rank	Address
1	Dr. S. Ramakrishnan	1987	Principal Scientist & Head	CTRI Regional Station, Hunsur, Karnataka
2	Dr. S. Natarajan	1989	Principal Scientist (Seed Technology)	IARI Research Center, Aduthurai
3	Mr. K Velmourougane	1990	Senior Scientist (Microbiology)	NBSSLUP, Nagpur
4	Dr. R. Meenatchi sundaram	1990	Principal Scientist (Biotechnology)	ICAR-IIRR, Hyderabad
5	Dr. P. Rajendrakumar	1990	Principal Scientist (Plant Breeding)	Sorghum, Hyderabad
6	Dr. J. Souframniam	1990	Scientist (PBG)	BARC
7	Dr. Shanmugasundaram	1990	Principal Scientist (PBG)	ICAR- CPRI, Shimla
8	Dr. Karupaiah Vadivelu	1991	Principal Scientist (Agrl. Ento.)	Onion and Garlic Institute, Pune
9	Dr. Sivaramane	1991	Principal Scientist	ICAR-NAARM
10	Dr. K. Ramesh	1992	Principal Scientist (Agron)	IIR, Hyderabad
11	Dr. C. Kathiresan	1992	Associate Professor	NIRDPC, Hyderabad
12	Dr. P. Duraimurugan	1993	Senior Scientist (Entomology)	IIR, Hyderabad
13	Dr. A. Kandan	1993	Senior Scientist (Pathology)	NPBGR, New Dehi
14	Dr. K. Karthikeyan	1994	Scientist (Soil Science)	ICAR –NBSS&LUP, Nagpur
15	Dr. M. Vasanda Coumar	1995	Scientist (Soil Science)	ICAR-IISS, Bhopal.
16	Dr. R. Senthil	1996	Scientist	DWR, Karnal
17	Dr. Jayakuamara Varadhan	1996	Scientist (Agrl. Econ)	CIARI, Portblair
18	Dr. G. Rama Prashat	1997	Scientist (PBG)	IARI New Delhi
19	Dr. C. Chandrasekaran	1998	Scientist	ICAR-CIFT, Cochin
20	Dr. V. Rajagopal	2002	Scientist	ICAR –NIASM, Baramati

Sl. No	Name	Batch	Position/rank	Address
21	Dr. S. Aravindan	2004	Scientist (Pl.Patho)	CRRI, Cuttack
22	Mr. Manimaran B.	2005	Scientist (Nematology)	IARI, New Delhi
23	Mr. S. P. Subash	2006	Scientist (Economics)	NCAEP, New Delhi
24	Dr. R. Arutselvan	2007	Scientist (Pl.Patho)	CTRI, Trivandrum
25	Dr. S. Nivedhitha	2007	Scientist (PBG)	NBPGR, New Delhi
26	Dr. S. Vijayakumar	2007	Scientist (Agron)	New Delhi

Alumni in National Level Administrative post

Sl. No	Name	Batch	Position/rank	Address
1	Mr. Vengadeswaran	1990	Assistant Director	KVK, New Delhi
2	Mr. Vijayasarangan	1992	Inspector	Dept. of Income tax, Chennai
3	Mr. P. Karthikeyan	1992	Assistant Director	FSSAI, New Delhi
4	Mr. Thirukumaran	1992	Technical Officer	Ministry of Food Processing Industries, New Delhi
5	Mr. R. Gopi	1990	Country Director	NABARD

6.5.7.3. Awards/Recognitions/Certificates

The awards/recognitions / certificates received by the faculty in the last five years is given in Table 6.5.7.3.

Table 6.5.7.3 Awards / Recognitions / Certificates received by the faculty

Name of the faculty	Name of the award	Year of receiving Award	Name of sponsoring agency
Department of Agricultural Economics and Extension			
Dr.A.Pouchepparadjou	International Travel Award	2014	ICSSR, GOI.
	Netherland fellowship of Government Fellowship Programme (NFP) Granted by NUFFIC, The Netherlands	2016	NUFFIC, The Netherlands
	European Commission, PROVIA and the Government of the Netherland travel fellowship to attend the International Conference	2016	Rotterdam, the Netherlands

Name of the faculty	Name of the award	Year of receiving Award	Name of sponsoring agency
Dr.A.Pouchepparadjou	Travel fellowship .of Dept. of Science and Technology, Govt. of Puducherry, to attend the conference at World Bank at Washington D.C, USA	2016	World Bank Washington D.C, USA
	Travel fellowship .of Dept. of Science and Technology, Govt. of Puducherry, to attend the conference at World Bank at Washington D.C, USA	2016	World Bank
	Travel fellowship .of Dept. of Science and Technology, Govt. of Puducherry, to attend the conference at World Bank at Washington D.C, USA	2016	Washington D.C, USA
Dr.N.Swaminathan	Empanelled as Resource Person by Securities and Exchange Board of India-SEBI for creating Financial Literacy awareness among Public	2016	Securities and Exchange Board of India
	Elected as “ASSOCIATE MEMBER” of Insurance Institute of India, Mumbai	2016	Mumbai
	Elected as “LIFE MEMBER” of The Indian Water Resources Society, Indian Institute of Technology, Roorkee	2016	IIT, Roorkee
	Designed the LOGO for “PAJANCOA SEEDS” and was selected as best LOGO by the scrutiny committee of PAJANCOA Seeds	2016	PAJANCOA & RI
Dr. L. Umamaheswari	Travel grant fellowship	2016	SIMSEA
Dr. K.S. Kumaravel	Finland fellowship for NTM’s and data collection	2017	UNCTAD, Switzerland
Department of Agricultural Entomology			
Dr. M. Kandibane	Best Tamil book award in Agriculture and Animal Husbandry, Tamil Nadu.	2016	New Century book house, Chennai

Name of the faculty	Name of the award	Year of receiving Award	Name of sponsoring agency
Department of Agronomy			
Dr. V. Sridevi	Junior Scientist	2015	National Environ. Sci. Academy, New Delhi
Dr. R. Poonguzhalan	Selected as the counselor of Indian Journal of Weed Science representing the U.T. of Puducherry.	2016	Indian Journal of Weed Science.
Dr. P. Saravanane	EWRS Travel Fellowship	2017	European Weed research society
	Endeavour International Fellowship Award	2018	Govt. of Australlia
Department of Plant Breeding and Genetics			
Dr.T. Ramanadane	Recognized as Seed Research Scientist by the ICAR-Directorate of Seed Research and published the name and biodata in the Directory of Seed Research Workers by the ICAR-Directorate of Seed Research, Mau. UP	2016	ICAR-Directorate of Seed Research, Mau. UP
Dr. S. Nadaradjan	Bir Singh Aasi memorial award for all India best publication	2016	Sadhana Soc. for advance-ment of human & nature
Department of Soil Science and Agricultrual Chemistry			
Dr. U. Bagavathiammal	Certificate of merit	2014	JNKVV, Jabalpur
Department of Horticulture			
Dr. J. Sherly	Best poster presentation in the National Seminar - "New Vistas in Vegetable Research towards Nutritional Security under Changing Climate Scenario"	2017	TNAU, Coimbatore
Dr. V. Kanthaswamy	ISVS Honorary fellowship	2018	ISVS, Varanasi
	Best Educationist Award	2018	Intl. Inst. Of Edn. and Mgt., New Delhi

6.5.7.4 Employability

Employability of the students depends on their knowledge, technical skills, communication skills and personality skills. Technical skills include the basics of the technical knowledge and the application part.

- The students are taught about the technical skills in theory as well as practical classes. Discussions are held in practical classes on field problems.
- The students are evaluated on a number of aspects such as problem solving and analytical ability, decision-making process, organization and time management, risk management, oral communication, written communication, listening comprehension, interpersonal relationship, managing conflict, leadership and influential abilities, coordination, creativity, innovation, and adoptability, visioning, enthusiasm for lifelong learning, motivation-personal attributes required for employability
- Students are trained to gain teaching skills by making presentations of the assignments given by the course teacher in each of the courses they register.
- The PG students present their credit seminar on a topic other than their research area.
- Students are exposed to various conferences, lectures, seminars and symposia periodically conducted by the various SAUs
- The PG students are encouraged to attend seminars/conferences/seminars to improve their knowledge and for the development of professional skills, association with the scientists from other states or regions which will help in further improvement of their research aspiration, professional skills and employability.
- The periodical training programmes and personality development programmes organized by the Placement Cell and Soft Skill Enrichment Cell in the college help the students to enhance the attributes for personality development.
- The PG Students are trained to formulate research proposals and to communicate it with farmers /stake holders and to demonstrate new technologies.
- Students are evaluated on a number of aspects including problem solving, analytical, decision making, leadership, creativity, vision, ability to conceptualize etc.
- The teachers have wholesome approach while teaching so as to bring the students to the real life situation and thus to enhance their decision making skills.
- The Soft Skill Enrichment Cell conducts a number of mock tests and interviews for developing their career skills improve their employment prospects.

The above skills acquired help the students to become competent enough to face various interviews and to prepare for competitive examinations for their carrier in public and private organizations such as central government, state government, banking sectors and private sector.

6.5.9. CERTIFICATE

I, the Dean/c Dr. V. Kanthaswamy hereby certify that the information contained in the sections 6.4. and section 6.5.1 to 6.5.7.4 are furnished as per the records available in the college and degree awarding university

Signature of the Dean of the college
with date and seal

