

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching – learning, viz., classrooms, laboratories, computing equipment, etc.

Response:

Arul Anandar College is keen on the quality of teaching, learning and research, and ensures it through adequate infrastructure and physical facilities.

Classrooms and Seminar Halls

- Sixty three classrooms with **ICT facilities**
- Ten seminar halls with **ICT facilities**
- Twenty six **LCD projectors**
- One LED TV cum **Interactive Display**
- One **LED 4K TV**
- One **Interactive Board**
- One **LED Digital Board** for displaying the events and academic activities of the College
- Green chalk boards in all the classrooms
- **Media Centre and Lecture Capturing System** for developing E-contents
- **Communication and Skills Development Centre**
- Office rooms for Officials, Extension Centres and Part – V Extension Units

Laboratories

- **DST-FIST Science Lab**
- There are sixteen department labs.
 - *Physics*: UG Lab, PG Lab, and **Research Labs**
 - *Chemistry*: UG Lab, PG Lab, and **Research Lab**
 - *Rural Development Science*: Soil & Fodder Testing Lab, Microbiology Lab, Biology Lab, and Agricultural Biotechnology Lab
 - *Physical Education*: Anatomy and Physiology Lab and Fitness Lab

– *Food Science and Technology*: Food Analysis Lab, Food Production Lab, Microbiology Lab and Dairy Lab

- Advanced research instruments, including SILAR Setup, Spray Pyrolysis Unit, **UV Visible Spectrophotometer**, **Fourier Transform Infrared Spectrometer**, Ultrasonic Probe Sonicator, Laser Lithography Optional Component, Lark Fermentor, Micro Kjeldahl Unit (funded by UGC & DST-FIST) are available.
- **Mushroom Unit, Vermicompost Unit, Field Crops Unit and Fruit Crops Unit** are maintained for the field experiments of the Department of Rural Development Science.
- **Herbal Garden** is maintained by the department of RDS for fieldwork.
- **Poultry Unit, Piggery Unit and Dairy Unit** for the training of students from the Department of Rural Development Science.
- **VETEX (Veterinary Extension)** provides training for students in artificial insemination and veterinary care to the animals and services to farmers.
- Food Science and Technology runs a Confectionary and a Snacks selling outlet (Nutri Corner) as part of training the students
- **Arrupe Centre for Policy Research (ACPR)** is training students in developing E-contents. ACPR facilitates students to work with farmers and Farmer Producer Organizations.
- Braille books are available in the library.

Computing Facilities

- **DST-FIST Computer Networking Lab**
- Computer Labs: UG Lab, PG (MCA) Lab, and Computer Education (Literacy) Lab
- **Plagiarism Checker X** Professional Edition Software
- Enterprise Resource Planning (ERP)
- Mobile App for academic information and services

Power Backup

- Seven Generators with total capacity of 317.5 KVA power, UPS with the capacity of 101 KVA power and Solar Panel with 5 KVA for uninterrupted power supply

Library

- The College Library, with 11,040 sq. ft. area, has a collection of 62,555 books and 117 journals and magazines.
- Apart from stack room, there are reference section, journal section, reading hall, internet and browsing centres, etc.
- The library is fully automated with **LIPs iNET 5.0** web-based software.

There are adequate infrastructure facilities for effective learning, and the College is periodically maintaining and improving the facilities.