

Infrastructural Facilities for Research at CHARUSAT

Research labs at CHARUSAT

CHARUSAT has faculty members working in many diversified areas. In order to maximize the effective utilization of the research facilities, the University has identified 10 laboratories for specialized purpose. These are located in the buildings of the constituent institutes. The details of such specialized laboratories are as under.

1. Data Centre with Cloud Ready Environment
2. Environment Engineering Laboratory
3. Manufacturing Technology Laboratory
4. Surface Engineering Laboratory
5. Material Testing and Characterization Laboratory
6. Pharmaceutical Processing Equipment Laboratory
7. Sophisticated Analytical Instrumentation Laboratory
8. Sophisticated Instrumentation Laboratory
9. Magnetic Measurement Laboratory

Magnetic Fluid (MR Fluid) Research Laboratory Additionally, CHARUSAT has more than 30 well equipped laboratories dedicated for utilization by PG and PhD students.

List of Sophisticated Instruments for Research on the Campus

CHARUSAT has well equipped and well-furnished laboratories effectively utilized for teaching and research. Experimentation at both UG and PG levels is in most cases on an individual level, which helps train the students well. The University has purchased sophisticated equipment worth INR more than 5 Crores. Additionally all the laboratories are well furnished with the necessary consumables procured at an additional expense. Some of the sophisticated instruments have been purchased under the research schemes granted to the faculty at CHARUSAT.

List of Software for Teaching and Research

CHARUSAT has invested an amount of more than INR 3.75 Crores for the procurement of licensed software. These are extensively used in teaching at both UG and PG levels as well as research. This is well-supported by adequate computer laboratories. A list of software available at the University is provided here.

Computer Labs

There are more than 2,500 desktops, laptops and tablets on the whole campus in various institutes. These are supplemented with Wi-Fi facility with high band width round the clock.