

## Laboratories[\[edit\]](#)

Most of the newly established departments of the RUET don't have enough laboratory facilities. But the older ones have enough laboratory facilities not only for academic research but also for consultancy services.<sup>[29]</sup> RUET is taking steps for establishing laboratory facilities for the newly established departments and for enhancing laboratory facilities for the older ones.<sup>[30]</sup>

### ***Faculty of Civil Engineering***

#### **Department of Civil Engineering**

- Soil Mechanics Lab
- Strength of Materials Lab
- Fluid Lab
- Environment Lab
- Public Health Lab
- Transportation Lab
- Concrete Lab

#### **Department of Urban & Regional Planning**

- GIS Laboratory
- Cartography Laboratory

### ***Faculty of Mechanical Engineering***

#### **Department of Mechanical Engineering**

- Thermal Engineering Lab (Heat Engine Lab)
- Fluid Mechanics and Energy Lab
- Applied Mechanics and Machine Design Lab
- Material Science and Metallurgy Lab
- Metrology Lab
- Wood Shop
- Machine Shop
- Foundry Shop
- Boiler Shop
- Fitting Shop
- Welding & Sheet Metal Shop
- Computer Lab

#### **Department of Glass and Ceramic Engineering**

- Ceramic Forming Lab
- Micro-structure Lab
- Ceramic Testing Lab<sup>l</sup>

## ***Faculty Of Electrical and Computer Engineering***

### **Department of Electrical and Electronic Engineering**

- Electrical Machine LAB<sup>u</sup>
- Electronics and Power Electronics Lab
- Electrical Circuit and Measurement Lab
- Computer Lab(1)
- Telecommunications and Microwave Lab
- Photovoltaic and Nanotechnology Lab
- Computer Lab(2)
- Power Electronics & Green Energy lab.
- High Voltage Lab

### **Department of Computer Science and Engineering[**

- Software Lab
- Network Lab
- Operating System Lab
- Hardware Lab
- ACL Lab
- Game and Android Development Lab

### **Department of Electronics and Telecommunication Engineering**

- Communication Laboratory
- Antenna and Propagation Laboratory
- Photonics Laboratory
- Digital Signal Processing Laboratory
- Microelectronics Laboratory

### ***Other laboratories***

- Physics Lab
- Chemistry Lab