About the Institution

Rajiv Gandhi Institute of Technology, named after the late Prime Minister Sri Rajiv Gandhi, run by the Government of Kerala, started functioning in 1991. It has established a vast infrastructure and put together a team of dedicated teachers. The institution has become one of the leading technical Institutes in Kerala.

It is governed by Directorate of Technical Education, Government of Kerala. It offers B.Tech in six major streams, six M.Tech courses and doctoral programmes in various areas.

About the Department

The Department of Electrical Engineering, started in the year 1991, currently offers a B-Tech programme in Electrical and Electronics Engineering and an M-Tech program in Industrial Drives and Control. It is recognised by AICTE as QIP centre for doctoral programmes.

The department has full-fledged laboratories in the area of Electrical Machines, Measurements, Power Electronics and Control Systems etc. Apart from that an advanced Electrical Drives Laboratory sponsored by the National Mission on Power Electronic Technology (NaMPET) and TEQIP sponsored virtual instrumentation Laboratory are also functional.

More Info

The department can provide technical consultancy in the selection of UPS as per the requirement.
We also provide the test reports on the UPS purchased as per relevant standards.

Contact Us

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UPS TESTING CENTRE

DEPARTMENT OF ELECTRICAL ENGINEERING
RAJIV GANDHI INSTITUTE OF TECHNOLOGY
GOVT. ENGINEERING COLLEGE

Velloor P.O Pampady, Kottayam - 686 501

UPS TESTING CENTRE

Department of Electrical Engineering
Rajiv Gandhi Institute of Technology
Govt. Engineering College
Kottayam- 686 501

The use of UPS had increased by many folds in the recent past due to the deteriorated power quality, increased use of computers, communication & medical equipment.

Local self-government bodies, private and public sector organisations and common public find difficulty in selecting appropriate capacity and backup time for their utility. Unfortunately, the quality of UPS available in the market is very poor due to the use of inferior technology & substandard material to reduce the price. Many times the customers are misled.

There is a dearth of state of the art UPS testing facilities in South India. The UPS Testing Centre at Rajiv Gandhi Institute of Technology, Kottayam is an initiative to bridge this gap.

UPS Testing

The UPS Testing Centre at RIT offers facility for testing UPS upto 50kVA. The facility at RIT has all the sophisticated, high-precision tools to test the ups systems in accordance with the relevant standards.

The tests that can be carried out at RIT are

- Efficiency Test
- Full load Test with backup
- THD measurements
- Visual Inspection
- Protection check
- Regulation test

CONTACT : 0481- 2505963 ext 510

Battery Testing

Battery is a key equipment in the UPS system. Quality of the UPS depends on the quality of the batteries. Testing facility at RIT is well equipped to cater this need.

The tesing of the following batteries can be conducted at the centre

- Automotive Batteries
- Heavy duty Batteries
- Stationary Cells
- Low maintanance Batteries
- Sealed maintanance-free Batteries