

Department's Research Cluster

The department of Electrical Engineering has organized a Research and Development (R&D) Committee which provides essential research facilities that include research funding, training, workshops and research projects. Currently the department is managing three research groups.



Communication and
Networks



RF and Microwave
Engineering



Control System and
Signal Processing

Research Projects

Undergraduate projects have been funded by the National Grassroots ICT research initiative fund, Ministry of IT, Pakistan.

1. Aircraft Fuel Injection Testing Rig
2. PLC Automated Bio-methanation Plant
3. Pipeline Inspection and Cleaning Robot
4. GPS/DR Navigation System



Co-Curricular

Besides academic excellence, the FURC students display dynamic literary, creative abilities and aptitude for co-curricular activities through following platforms.

- FURC Professional Forum
- Robotic Competition
- Sports and Adventure Club
- Society for Arts and Literature
- Foundation University Volunteer Club
- Self-Development Club
- Workshops & Seminars
- Educational and Recreation Trips



Visit Us

Foundation University Rawalpindi Campus
New Lalazar, Rawalpindi, Pakistan.

Phone: +92 - 51 - 5151437 - 8

UAN: 111-384(FUI)-111

<http://www.fui.edu.pk>



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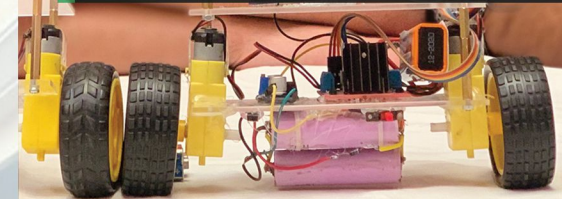
FOUNDATION UNIVERSITY ISLAMABAD

Offering Engineering & Technology
Programs accredited by PEC and
NTC

Publications in High Impact Journals

Incubation Center to Commercialize
Research

Strong Industrial Linkages



Department of Electrical Engineering



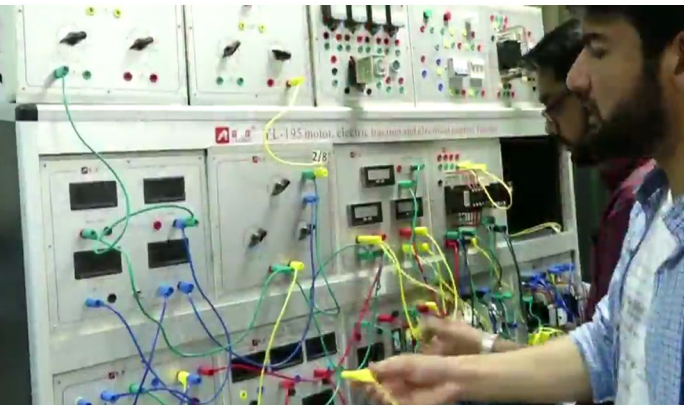


Department of Electrical Engineering

The Department of Electrical Engineering at Foundation University Rawalpindi Campus with its inherent strength of profound traditions is offering engineering education to undergraduate students while grooming them as clear communicators and morally sound members of the society since 2013. Our programs are accredited by regulatory bodies that include Pakistan Engineering Council (PEC), National Technology Council (NTC) and recognized by the Higher Education Commission (HEC). The department is well known for its high-quality teaching in different areas of Electrical, Electronics and Communication Engineering. The department offers BS in Electrical Engineering, BS in Biomedical Engineering Technology and MS in Electrical Engineering.

Mission

Our mission is to provide excellent quality education in the field of Electrical Engineering and train students in problem solving, communication skills, ethics, and research so that they can work both independently and as a part of team for the betterment of society.



Academics

The department has adopted Outcome-Based Education (OBE) system as required by Pakistan Engineering Council (PEC) and National Technology Council (NTC).

Undergraduate Programs

BS (Electrical Engineering)

Duration: 4 years (8 Semesters)
Eligibility: F.Sc. Pre Engineering/A-level

BS (Biomedical Engineering Technology)

Duration: 4 years (8 Semesters)
Eligibility: F.Sc. Pre Engineering/ Pre Medical/
A-level/ DAE

Graduate Program

MS (Electrical Engineering)

Duration: 2 years (4 Semesters)
Eligibility: BS/BE in Electrical/ Computer/
Telecom or related disciplines



What Department of Electrical Engineering Offers



Need and merit based scholarships



State of the art Engineering and IT labs



Video conferencing facility



Access to digital library



Highly qualified faculty

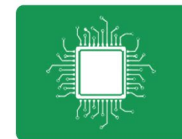


Internship and job opportunities in Fauji Foundation industries



MoU with leading industries

Lab Facilities



Microprocessor Lab



Communication Lab



Project Lab



Basic Electronics Lab



Control System Lab



Electromechanical Lab