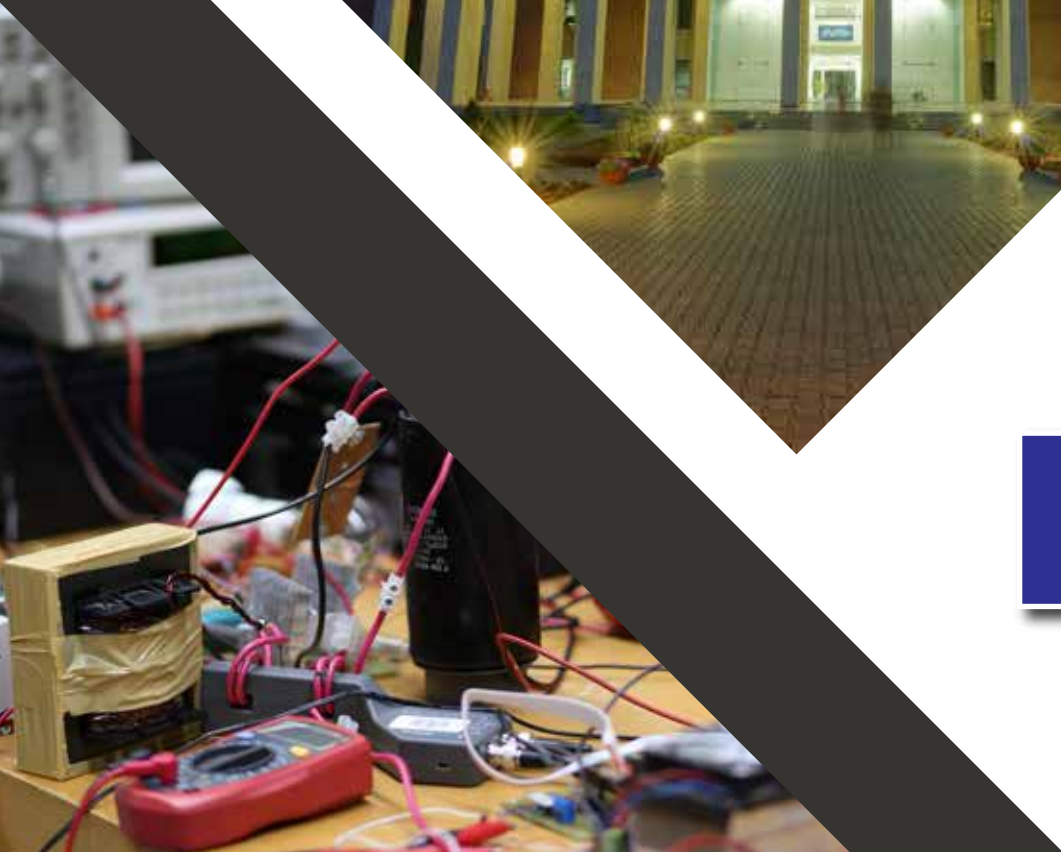




LUMS

Create
your own Future

**SYED BABAR ALI
SCHOOL OF
SCIENCE AND
ENGINEERING
(SBASSE)**



**ELECTRICAL
ENGINEERING**

#MERITMATTERS

WHY ELECTRICAL ENGINEERING?

Electrical Engineering powers the world. Most modern societies rely on electrical technology for energy, communications, information, health and thus, electrical engineers are well positioned to solve crucial societal issues. This is a dynamic, fast growing field providing practitioners with newer, greater challenges and opportunities.

PROGRAMMES OFFERED

- MS
- PhD

RESEARCH OPPORTUNITIES

The EE MS and PhD programmes are internationally reputable, providing a research environment that is equally supported by international collaborations. Students are taught by 23 full-time faculty members from leading universities around the world having diverse research interests. Currently, research programmes being pursued are in the fields of:

- Advanced Communications
- Cyber Physical Networks and Systems
- Optics and Electromagnetics
- Electronics and Embedded Systems
- Energy and Power Systems
- Signal, Image and Video Processing
- Electronic Devices and Materials
- Computer Networks & Systems
- RF and Microwave

CAREER OPPORTUNITIES

- Graduates receive offers from academia and industry for research and development, design, testing and maintenance, both nationally and internationally
- Graduates are pursued by firms in the fields of power generation and supply, construction, transportation infrastructure maintenance and development, manufacturing, communications and media, computer hardware and software design, healthcare and science and technology research



100% scholarship for
PhD students



FACILITIES

Students can pursue independent research at several labs namely:

- Circuits and Electronics Lab
- Microprocessor and Digital Design Lab
- Communication Systems Lab
- Power and Energy Systems Lab
- Control Systems Lab
- Engineering Workshop Lab
- DSP and Embedded System Lab
- CAD and EDA Lab
- Microwave & RF Lab



Talha Manzoor
PhD Candidate,
Electrical
Engineering



“The LUMS EE PhD programme is simply world-class. Whether I needed help while writing a paper, had difficulty in grasping a concept in a course, or required any advice in general, the faculty was always helpful and easy to approach. I can confidently say that the difficulties I faced while pursuing a PhD in Pakistan were made much easier for me because of the department's support in all issues, be it academic, clerical or financial.”

ADMISSION CRITERIA

Admission is purely merit-based and rests solely on the following criteria:

- Academic record
- GRE or LUMS Graduate Admission Test Performance*
- Interview performance (if and where applicable)
- Completed online application form along with all supporting documents

* For admission test details, visit: <https://admission.lums.edu.pk/graduate-programmes>

FINANCIAL SUPPORT

- Loan Options
- Merit Scholarships
- External Scholarships (if available)
- Teaching Assistantships
- 100% Scholarships to PhD students

For details, visit:

<https://financial-aid.lums.edu.pk>

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