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 called)

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

FINANCIAL SUPPORT

- Loan Options
- Merit Scholarships
- External Scholarships (if available)
- Teaching Assistantships (if available)
- 100% Scholarship for PhD Students

* For details, visit
https://financial-aid.lums.edu.pk

Lahore University of Management Sciences (LUMS)

Opposite Sector U, DHA, Lahore 54792, Pakistan

+92 42 111- 11- LUMS (5867) Ext. 2177 - 78
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admissions@lums.edu.pk
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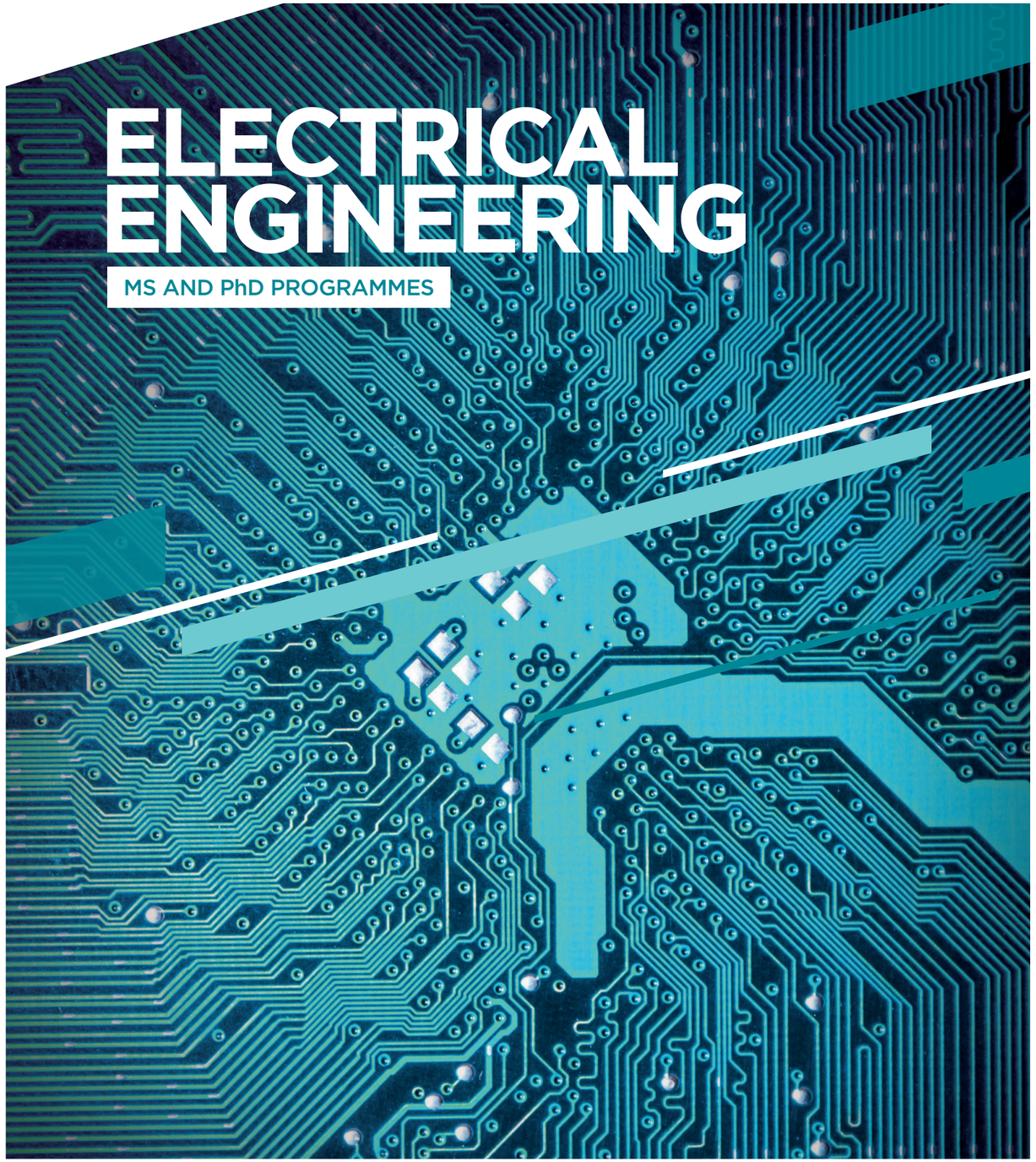
ELECTRICAL ENGINEERING

MS AND PhD PROGRAMMES



LUMS

SYED BABAR ALI SCHOOL OF SCIENCE AND ENGINEERING (SBASSE)

WHY ELECTRICAL ENGINEERING?

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

PROGRAMMES OFFERED MS | PhD

DID YOU KNOW?

With over 22 PhD faculty members, the Electrical Engineering Department is the largest department at SBASSE

The department won the highest funding in competitive grants for any single department at SBASSE over the last year

RESEARCH OPPORTUNITIES

The Electrical Engineering MS and PhD programmes are internationally reputable, providing a research environment that is equally supported by international collaborations and faculty members from leading universities around the world. Currently, research programmes are being pursued are in the fields of:

- Wireless Communication
- Photonics
- Optics and Electromagnetics
- Electronics and Embedded Systems
- Signal, Image and Video Processing
- Energy and Power Systems
- Semi-Conductor Devices and Nanoelectronics
- Computer Networks and Systems
- RF and Microelectronics

FACILITIES

Students can pursue independent research at the following laboratories:

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

CAREER OPPORTUNITIES

- Graduates receive offers from academia and industry for research and development, designing, testing and maintenance, both nationally and internationally
- Graduates are pursued by firms in the fields of Power Generation and Supply, Construction, Transportation Infrastructure Maintnance and Development, Manufacturing, Communications and Media, Computer Hardware and Software Design, Healthcare and Science and Technology Research

"The LUMS Electrical Engineering PhD programme is simply world-class. It is in research and development that I believe the students can make the greatest contribution and LUMS is a place which gives immense importance to R&D and provides all related facilities. Students who want to pursue engineering should join LUMS and contribute towards developing the areas of Science and Technology in Pakistan."

Faran Awais Butt
PhD Candidate
Electrical Engineering