



KFU

جامعة الملك فيصل
KING FAISAL UNIVERSITY
جامعة ووطن.. نماء.. واستدامة..

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

King Faisal University

College of Engineering

Department of Electrical Engineering





1 PROGRAM OVERVIEW

The Master in Electrical Engineering (MEE) program at King Faisal University (KFU) serves as a cornerstone for advanced technical training in the Eastern Province of Saudi Arabia. Its goal is deeply integrated with KFU's institutional identity, aiming to provide superior graduate education that fosters innovation and addresses the evolving needs of the national economy.

The program is structured to balance theoretical depth with practical application. By offering specialized tracks and a research-heavy curriculum, the program ensures that its graduates are not only technically proficient but also capable of conducting independent, high-impact research. This alignment supports the broader goals of Saudi Arabia's Vision 2030 by developing a highly skilled workforce capable of leading transitions in energy, telecommunications, and industrial automation.

1.1. Program Mission

The program mission is to provide its graduates with top quality education in the field of electrical engineering and preparing them to practice their professions competently to meet the ever-changing needs of society.

Excellence and diversity in research are essential to the mission and built on the strong collaboration with the industry and government funding organizations.

1.2. Program Vision

The Master in Electrical Engineering program at King Faisal University focusses on achieving a high level of graduate students' standards. It is aiming on transitioning from focusing on foundational teaching to become a research-productive hub. By addressing priorities for improvement, particularly regarding industry linkages, the program is aiming to achieve national and international accreditation and continue its contribution to the Kingdom's future vision and technological self-reliance.

1.3. Program Objectives

- To create new opportunities for graduate education in the kingdom and help prepare engineering graduates to assume leadership roles in academic research as well as in the industry.
- To enhance research and development in the Kingdom and open a new window of collaborations with academic institutes and industry in the Kingdom.
- To train a pool of knowledgeable specialists who will be able to contribute positively to solving current and future problems of the society.
- To provide opportunities for continuing professional development for practicing engineers and applied scientists.

2 PROGRAM INFORMATION

College	College of Engineering	
Academic department	Electrical Department	
Name of the Program	Master of Science in Electrical Engineering	
Scientific Degree	Masters	
Study Stream	Thesis Track Non-Thesis Track	
Study Language	English	
Study mode	On campus	
Student status	Full-time student Part-time student	
Program Duration	Thesis Track:	2 years
	Non-Thesis Track:	2 years
Number of Credit Hours	Thesis Track:	30
	Non-Thesis Track:	42