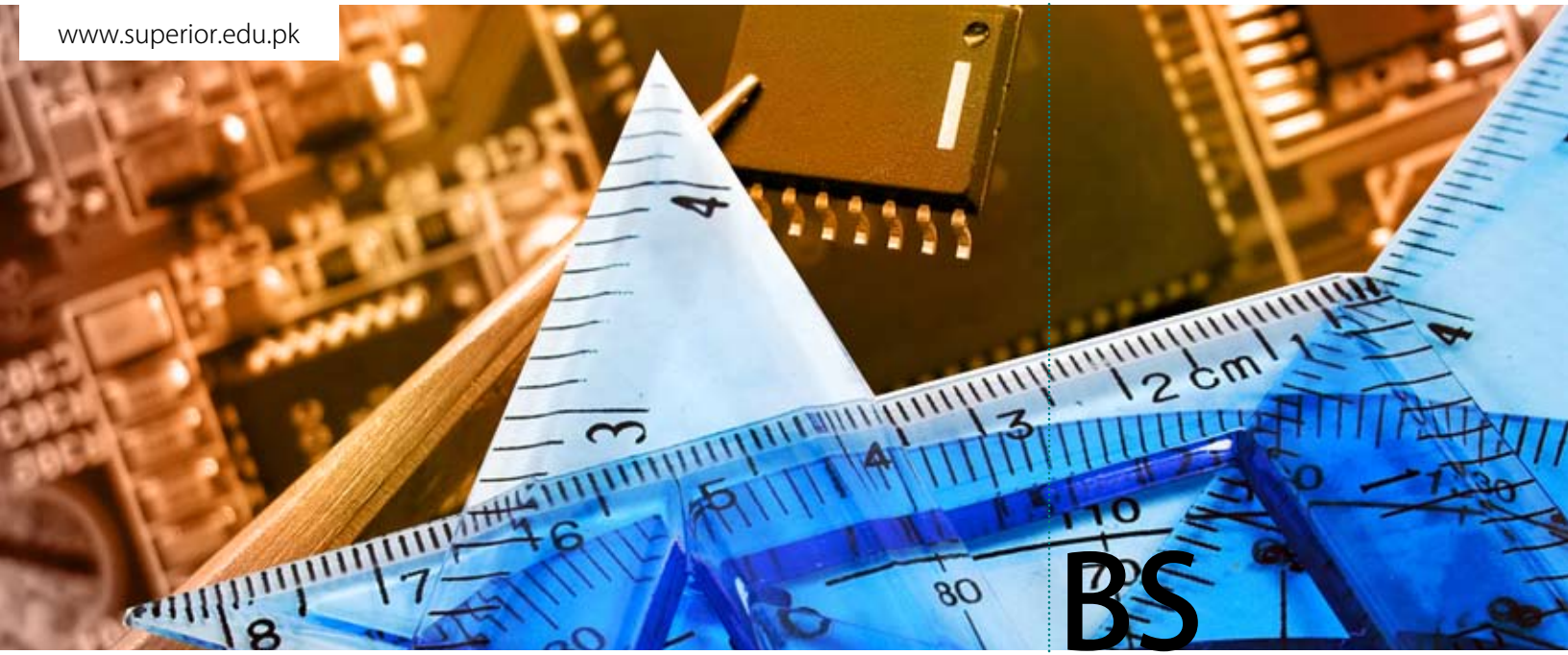
www.superior.edu.pk



BS
Electrical Engineering

facilitating
Superior Human Beings

SUPERIOR UNIVERSITY LAHORE

BS Electrical Engineering : Superior University has started an Electrical Engineering Department with a commitment to contribute to the restructuring of our domestic industry. Electrical Engineers have manifold opportunities for exciting careers ranging from designers of robots to factory automation, software developers to high tech "dot-com" company executives. Here at Superior University we try to enable our future engineers to think clearly and logically. This is what we focus on as the competent engineers are appreciated by many other professions as well being a part of our engineering department would be a cherishing foundation for your professional life and learning.

Superior Split Degree

To meet the rapidly changing academic challenges, Superior University is exploring new horizons by joining hands with top universities around the globe and proudly offers split degree programmes at undergraduate, post graduate and Ph.D levels with an intention to give access to students for progression to international education.

Benefits

Guaranteed Better Academic Performance

When you enroll for the Split Degree Programmes you will need to spend half the duration of your degree at Superior and the other half at one of our collaborative partner universities, so ideally your academic standard will be better compared to normal overseas students.

Time & Cost Effectiveness:

Half the fee, half the duration compared to the normal international degree programmes.

Visa Processing Facility:

The Foreign Student Support Desk will facilitate you in processing your visa to any respective country.

York St John University

The University Of NEWCASTLE Australia

BINARY UNIVERSITY Malaysia

Total Cr. Hrs.	**132**
Total Courses	**32 + Dissertation / Research Project**
Total Semesters	**8**
Eligibility	**FSc Pre Engineering / DAE Electrical**

THE FASTEST GROWING INSTITUTE OF PAKISTAN

admissions@superior.edu.pk

The College reserves the right to exercise its discretion in offering any subject or field of concentration according to the availability of academic facilities

Road Map

Semester 01

Linear Circuit Analysis	3+1
Workshop Practice	0+2
Basic Mechanical Engineering	3+0
English	3+0
Applied Calculus	3+0
Islamic Studies/Ethics (For Non-Muslim Students)	2+0

Semester 02

Engineering Drawing	0+1
Applied Physics	3+1
Linear Algebra	3+0
Computer Fundamentals	3+0
Engineering Ethics	3+0
Pakistan Studies	2+0

Semester 03

Instrumentation and Measurements	3+1
Communication Skills	3+0
Electronic Devices and Circuits	3+1
Object Oriented Programming	3+1
Differential Equations	3+0

Semester 04

Electro-Mechanical Systems	3+1
Digital Logic Design	3+1
Electrical Network Analysis	3+1
Engineering Economics	3+0
Complex Variables and Transforms	3+0

Semester 05

Electromagnetic Field Theory	3+0
Signals and Systems	3+1
Probability and Statistics for Engineers	3+0
Social Sciences (Elective)	3+0
Introduction to Power Engineering	3+0

Semester 06

Communication Engineering	3+1
Numerical Analysis	3+0
Engineering Management	3+0
Applied Thermodynamics	3+0
Computer Aided Design & Simulation	0+2
(Elective-1)	3+1

Semester 07

Microprocessor Based System	3+1
Linear Control Systems	3+1
(Elective-2)	3+1
(Elective-3)	3+1
Senior Design Project-1	0+3

Semester 08

Senior Design Project-II	0+3
(Elective-4)	3+1
(Elective-5)	3+1