

First Year

Semester I

General English
Computer Concepts and Programming
Calculus
Applied Physics
Basic Electrical Engineering
Micro & Macro Economics

Semester II

Business Communication
Differential Equations and Complex Variables
Object Oriented Programming
Basic Electronics
Islamic Studies
CAD/CAM Applications

Second Year

Semester III

Electromagnetic Theory
Linear Algebra
Pakistan Studies
Electronic Devices and Circuits
Digital Computer Logic
Principles of Management

Semester IV

Probability Theory and Statistics
Amplifiers and Oscillators
Engineering Economics
Signals and Systems
Organizational Behavior
Introduction to Financial Accounting

Third Year

Semester V

Data Communication and Network
Control System
Analog Communication
Human Resource Management
Project Management
Introduction to Business Finance

Semester VI

Digital Communication
Production Planning and Control
Antenna and Microwave Engineering
Microprocessor Applications
Digital Signal Processing
Methods in Business Research

Fourth Year

Semester VII

Introduction to Tele-traffic Engineering
Transmission and Switching Systems
Reliability Engineering
Optical Fiber Communication
Elective I
Elective II

Semester VIII

Telecommunication Systems
Telecommunication Regulation & Policy
Wireless and Mobile Communications
Strategic Management
Elective III
Elective IV

For further information, please contact

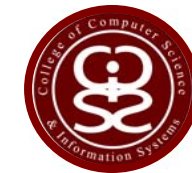
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BE Telecommunication

Pakistan Engineering Council (PEC)

Accredited



College of Computer Sciences
and Information Systems

Institute of
Business Management

The essence of IoBM academic programs pertains to career focused education towards Individual fulfillment, professional excellence, institutional credibility, family welfare and social responsibility. The net result is reflected in the net product. IoBM's credibility speaks for itself."

Shahjehan S. Karim

President, Institute of Business Management

- ◆ IoBM has been awarded with the Certificate of Palms by over 250 strategic and academic representatives of the business schools from more than 60 countries who attended Eduniversal World Convention in Paris, France. Certificate of Palms places the recognized institution in the very privileged club of the 1,000 Best Business Schools listed over 153 countries. This certificate, especially presented to IoBM, is one of its kind, highlighting the growing success of this institution on an international scale.
- ◆ IoBM is ranked and recognized provincially by Government of Sindh Charter and Inspection Committee and by the Higher Education Commission, Government of Pakistan as a top category business school of the country and the best private business institution in Sindh.
- ◆ It has established linkages and earned credibility with reputed foreign business schools and leading international institutes, associations and organizations pertaining to sharing and contributing ideas and insights in business education and research.

We hope you will decide to join the many other professionals who, over the years, have benefited from IoBM's post-graduate programs of study.

BE Telecommunication at IoBM is geared towards those who:

- ◆ Want to integrate engineering skills with managerial know-how
- ◆ Enhance job opportunities and accessibility to higher technical and managerial positions
- ◆ Design and manage telecommunications networks at the national and international level
- ◆ Find new and exciting ways to use their expertise

The one of its kind BE Telecommunication (accredited by Pakistan Engineering Council (PEC)) is designed in close consultation with leading telecommunication firms. A blend of Management and Engineering courses makes this program distinct from other engineering courses emphasizing on laboratory work, experimental knowledge and innovative teaching methods. One of its special features is an internship of 6 to 8 weeks in a reputable telecommunication engineering organization.

Completion of 144 credit hours of course work (with 2.5 CGPA) and 2 credit hours of internship automatically qualify students for the Master programs offered by IoBM. They can also proceed further for postgraduate studies or work in Telecommunication, Electronics, Electrical Engineering and Computer Systems Engineering at leading Universities and organizations throughout the world as IoBM course credits are easily transferred to reputable international universities.



Entry Requirements

Intermediate or "A" level with minimum 60% as per PEC requirement (Pre-Engineering Group)

Fee Structure:

All students are required to submit a one time Security Deposit of Rs.15,000/-refundable only on graduation. Fee per semester is as follows:

Registration Rs. 10,000/-

Tuition Rs. 54,000/-

An educational assistance scheme for meritorious students is available both on merit and need basis.

The Program Team:

The team includes qualified faculty who are experts in areas related to engineering and telecommunication

Telecommunication Advisory Board

Dr. Perwaiz Akhtar

Prof. Telecommunication Engg. NUST, Karachi

Dr. Bilal Alvi

Chairman Electronics & Telecommunication, SSUET

Dr. Abdul Karim Baloch

Dean Electronics & Telecom. Engg. MUET

Mr. Nayyar Grami

Country Manager Operations, Telenor, Islamabad

Mr. Shamim Ahmed Khan

General Manager Quality Assurance, PTCL

Prof. Dr. Aftab Memon

Chairman, Dept. of Telecom. Engg. MUET

Dr. Amir Hassan Pathan

Senior Joint Director, State Bank of Pakistan

Prof. Dr. Asadullah Shah

Head Telecommunication Department, IoBM