



## Bachelor of Science in Petroleum & Gas Engineering

Quality & Excellence in Education

### COURSE INFORMATION

Program	BS (Petroleum & Gas Engineering)
Duration	4 Years (8 Semesters)
Fees	Rs.130,700/- approx-
Department	Petroleum & Gas Engineering
Faculty	Engineering
Campus	Takatu

#### Eligibility

- Intermediate (Pre-Engineering) or equivalent from any recognized Board with at least 50% marks
- Diploma of Associate Engineers in the same field securing at least 60% marks .

#### Selection Process

- Qualifying aptitude test
- Appearing in an interview on the date / time as scheduled by the university



FOR FURTHER INFORMATION (Please contact)

**BALOCHISTAN UNIVERSITY OF INFORMATION TECHNOLOGY, ENGINEERING & MANAGEMENT SCIENCES**  
**JINNAH TOWN, SAMUNGLI ROAD, QUETTA .**

Admission Office, BUIITEMS (City Campus) Ph # 081-9201051/9201851 Ext: 291

Website: [www.buitems.edu.pk](http://www.buitems.edu.pk)

# Program Structure for BS (Petroleum & Gas Engineering)

## First Semester

- Elements of Petroleum Engineering
- Communication Skills
- Applied Geology
- Applied Chemistry
- Engineering Drawing & Graphics

## Second Semester

- Applied Mathematics-I
- Applied Physics
- Computer Programming & Application Software
- Stratigraphy and Structural Geology
- Islamic Studies

## Third Semester

- Petroleum Geology & Exploration
- Applied Mathematics-II
- Workshop Practice
- Statistics
- Pakistan Studies
- Fluid Mechanics

## Fourth Semester

- Strength of Material
- Chemical Engineering Thermodynamics
- Petrophysics
- Applied Electricity
- Applied Mathematics-III

## Fifth Semester

- Drilling Engineering-I
- Well Logging
- Environment and Safety Management
- Properties of Reservoir Fluid
- Instrumentation & Control

## Sixth Semester

- Corrosion Principles and Control in Petroleum
- Production Engineering-I
- Reservoir Engineering-I
- Drilling Engineering-II
- Applied Numerical Method

## Seventh Semester

- Gas Engineering
- Petroleum Economics
- Reservoir Engineering-II
- Well Testing
- Production Engineering-II

## Eighth Semester

- Gas Reservoir Engineering
- Principles of Reservoir Simulation
- Project
- Principles of Enhanced Oil Recovery

## FEE STRUCTURE

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|------------------------------------|------------|
| • Admission Fee (one time)         | Rs 6750/=  |
| • Registration Fee (one time)      | Rs 1350/=  |
| • Security Fee (one time)          | Rs 3000/=  |
| • Tuition Fee (per semester)       | Rs 10400/= |
| • Examination Fee (per semester)   | Rs 1300/=  |
| • Lab & Library Fee (per semester) | Rs 3250/=  |
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