



*Pakistan Institute of Engineering and Applied Sciences*

*Nilore, Islamabad, 45650 Pakistan*

*Department of Chemical Engineering*

### **PhD Admission in Chemical Engineering**

For admission in PhD Chemical Engineering, GRE Subject Test is scheduled on July 29, 2019 at 10:00 am in PIEAS. The test will contain MCQ type questions, including numerical problems. The test will comprise of

- i. Fluid Mechanics (25%)
- ii. Heat Transfer (25 %)
- iii. Thermodynamics (25%)
- iv. Mass Transfer + Reaction Engineering (25 %)

#### **Recommended Books:**

- i. Fluid Mechanics by Frank White
- ii. Heat and Mass Transfer by Y. A. Cengel
- iii. Thermodynamics: An Engineering Approach by Y.A. Cengel
- iv. Text books you studied in BSc Chemical Engineering for Mass Transfer and Reaction Engineering.

**Test Fee:** Rs. 3000/-

GRE Subject Test fee may be deposited in two ways:

1. Bring a Bank Draft in favor of "Director Finance, PIEAS" at the time of test (Purpose: GRE Subject Test Fee)
2. Deposit fee in PIEAS accounts branch at the time of Test (Purpose: GRE Subject Test Fee)

#### **Documents Required:**

- i. Admission form (Blank form will be provided at PIEAS)
- ii. Test Fee as mentioned above
- iii. A copy of all the educational documents (degrees, mark sheets, certificates etc.)
- iv. A Copy of your latest CV
- v. Please email your CNIC to Contact person by **July 24, 2019**
- vi. Bring original CNIC with you (mandatory)

#### **Contact Person:**

Dr. Azhar-Ul-Haq (PhD Coordinator, DChE PIEAS)

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