The University of Lahore -Islamabad Campus
Bachelor of Science in Mechanical Engineering
(4 Years Program-140 Cr.Hrs)

Semester I
1. Applied Chemistry
2. Applied Mathematics - I
3. Applied Physics
4. Computer System & Programming
5. Engineering Drawing & Graphics
6. English

Semester II
1. Applied Mathematics II
2. Communication Skills
3. Engineering Materials
4. Engineering Statics
5. Islamic Studies
6. Thermodynamics - I
7. Workshop Practice

Fall 2014
Cr.Hrs

Semester III
1. Electrical Engineering
2. Engineering Dynamics
3. Fluid Mechanics - I
5. Pakistan Studies
6. Thermodynamics II

Semester IV
1. Applied Mathematics - III
2. Electronics
3. Fluid Mechanics II
5. Mechanics of Materials II
6. Psychology & Human Behavior

Semester V
1. Applied Mathematics - IV
2. Heat & Mass Transfer
4. Precision Engineering & Metrology
5. Technical Writing & Presentation Skills

Semester VI
1. Control Engineering
2. Engineering Statistics
3. Manufacturing Processes - I
4. Mechanics of Machines
5. Refrigeration & Air Conditioning

Semester VII
1. Engineering Economics
2. Manufacturing Processes - II
3. Mechanical Vibration
4. Mechatronics
5. Project - I

Semester VIII
1. Internal Combustion Engines
2. Power Plant Engineering
3. Renewable Energy Resource
4. Total Quality Management
5. Project – II

Fee Schedule

<table>
<thead>
<tr>
<th>Semester</th>
<th>Tuition Fee</th>
<th>Admission fee</th>
<th>Semester Registration &amp; Contribution</th>
<th>Exam Fee</th>
<th>Total</th>
<th>Special Concession</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rs. 81,000</td>
<td>Rs. 20,000</td>
<td>Rs. 6,000</td>
<td>Rs. 6,000</td>
<td>Rs. 113,000</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Rs. 81,000</td>
<td></td>
<td>Rs. 6,000</td>
<td>Rs. 7,000</td>
<td>Rs. 94,000</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Rs. 85,500</td>
<td></td>
<td>Rs. 6,000</td>
<td>Rs. 6,000</td>
<td>Rs. 97,500</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Rs. 85,500</td>
<td></td>
<td>Rs. 6,000</td>
<td>Rs. 6,000</td>
<td>Rs. 97,500</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Rs. 76,500</td>
<td></td>
<td>Rs. 6,000</td>
<td>Rs. 5,000</td>
<td>Rs. 87,500</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Rs. 81,000</td>
<td></td>
<td>Rs. 6,000</td>
<td>Rs. 5,000</td>
<td>Rs. 92,000</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Rs. 72,000</td>
<td></td>
<td>Rs. 6,000</td>
<td>Rs. 5,000</td>
<td>Rs. 83,000</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Rs. 67,500</td>
<td></td>
<td>Rs. 6,000</td>
<td>Rs. 5,000</td>
<td>Rs. 78,500</td>
<td></td>
</tr>
<tr>
<td>Grand Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Rs. 743,000</td>
<td></td>
</tr>
</tbody>
</table>

1. **Tuition Fee** based on number of Credit Hours. Each Credit Hour Course Costs Rs. 4500/-
2. **Contribution** includes Costs of Labs & Library Facility etc. Rs. 6000/-
3. **Exam Fee** based on number of Courses taken. Each Course Costs Rs. 1000/-
4. **Admission Charges** : Rs. 20000/-
5. **Exemption Fees**: Rs. 4500/- Per Credit Hour.
6. University reserves the right to change the fee structure at any time.