Ref #: PBTE/R&D/2013/504

Dated: 22-02-2013

To

All Concerned Principals,
Govt. College of Technology / Affiliated Polytechnic Institutions with PBTE Lahore.

Subject: Bifurcation / Division of the Marks of the Subject “Robots & Manufacturing Automation (MTR-234) of DAE Mechatronics Technology (2nd Year)

The bifurcation / division of the subject “Robots & Manufacturing Automation” (MTR-234) of DAE Mechatronics Technology (2nd year) has been made and will be available at PBTE website i.e. www.pbte.edu.pk (News & Updates Section) for the guidance of teachers and students for the DAE Examination 2013 and onward.

<table>
<thead>
<tr>
<th>Sr. #</th>
<th>Subject Name</th>
<th>Paper A “Course Contents / Topics” Marks = 75</th>
<th>Paper B “Course Contents / Topics” Marks = 75</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ROBOTS &amp; MANUFACTURING AUTOMATION (MTR -234)</td>
<td>1- Building Blocks of Automation</td>
<td>2- Mechanization of Part Handling</td>
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<td>3- Automatic Production and Assembly</td>
<td>5- Industrial Robots</td>
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<td>4- Numerical Control and CAD / CAM</td>
<td>6- Teaching the Robots to do work</td>
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<td>9- Flexible Manufacturing System</td>
<td>7- Machine Vision Systems</td>
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<td>10- Computer Integrated Manufacturing (CIM)</td>
<td>8- Industrial Application of Robots</td>
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<td>11- Automated Material Handling System</td>
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</tbody>
</table>

It is requested that all concerned teachers and students may be informed accordingly.

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SECRETARY

CC To.
1- PS to Chairman, PBTE, Lahore.
2- PA to GM Academics, TEVTA, Lahore.
3- PA to Secretary, PBTE, Lahore.
4- PA to Controller of Examinations, PBTE, Lahore.
5- The Manager Curriculum, TEVTA, Lahore.
6- The Senior Research Officer, PBTE, Lahore.
7- The Deputy Controller of Examinations (Conduct), PBTE, Lahore.
8- The Deputy Controller of Examinations (Secrecy), PBTE, Lahore.
9- The Incharge Computer Section, PBTE, Lahore.
10- The Chief Secrecy Officer, PBTE, Lahore.
11- The Assistant Controller of Examinations (Technical), PBTE, Lahore.
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16- The Assistant Controller of Examinations (P&P-II), PBTE, Lahore.
17- The Web Administrator, PBTE, Lahore for Web Hosting.