Dear Students,

Below are the details pertaining to A-PAT going to be held at all Amity Campuses as per schedule. Students are advised to go through the details completely.

A-PAT Schedule

<table>
<thead>
<tr>
<th>S.No.</th>
<th>College</th>
<th>Location</th>
<th>Assessment Test Date</th>
<th>Test Venue &amp; Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Amity</td>
<td>Noida</td>
<td>20, 21 August 2014*</td>
<td>Will be uploaded on Placement Portal</td>
</tr>
<tr>
<td>2</td>
<td>Amity</td>
<td>Lucknow</td>
<td>20 August 2014</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Amity</td>
<td>Jaipur</td>
<td>20 August 2014</td>
<td>Will be confirmed by Placement Officers/ In-Charge of respective Amity Campus.</td>
</tr>
<tr>
<td>4</td>
<td>Amity</td>
<td>Gwalior</td>
<td>21 August 2014</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Amity</td>
<td>Manesar</td>
<td>21 August 2014</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Amity</td>
<td>Delhi</td>
<td>22 August 2014</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Amity</td>
<td>Greater Noida</td>
<td>22 August 2014</td>
<td></td>
</tr>
</tbody>
</table>

Eligibility Criteria for students of Amity to appear in A-PAT

1) Only for Students of Amity Passing out in year 2015
2) Open to all students belonging to BE/B.Tech/ ME/ M.Tech/ MS (Five Years Integrated/ MCA degree from all Branches
3) Students must have 60% consistency through X, XII, UG and PG (if applicable) till the semester for which results have been announces
4) 5% relaxation in any ONE of the educational qualification preceding the pursuing degree (relaxation is not applicable in the pursuing degree)

Syllabus/ Course Content-

It will be an online, Objective Test (MCQ) duration of approx. 2 Hours. The Assessment will be divided into two parts:

PART A

- Quantitative Skills
- Logical Ability
- Verbal Ability
PART B

Computer Science

- Operating System & Computer Architecture
  i) Basics of O.S.
  ii) Process Management
  iii) Process Communication and Synchronization
  iv) Memory Management
  v) I/O and File Management
  vi) Computer Architecture

- DBMS
  i) Basic concept, Data model, Views, Operation, TRC, DRC, Architecture
  ii) Normalization, Generalization, ERD, Key, Database, SQL, Joins, Indexing

- Computer Programming Principles
  i) Basic Programming: Data types
  ii) Basic Programming: Iteration, recursion, decision-
  iii) Procedures, functions, Scope

- OOP and Complexity Theory
  i) Basic Programming: Complexity
  ii) OOP
  iii) Compilation, execution, errors, etc.

- Data Structures
  i) Data Structure
  ii) Graph
  iii) Hash
  iv) Heap
  v) Linked List
  vi) Queue
  vii) Search
  viii) Sorting
  ix) Stacks
  x) Trees

Important Instructions and Essential Documents (Mandatory)
1. It is mandatory for all eligible students to appear APAT
2. Students must carry their Campus ID Card (Mandatory)
3. Students must carry their College ID Card (Original + Photocopy)
4. Passport Size Color Photos - (5 Nos.)
5. Photocopies of all Mark sheets (X, XII, B.Tech All Semesters)
6. Updated Resume - (5 Nos.)
7. A4 sheets for rough work – (Min 10 Rough Sheets)

Best Wishes!!!

Prof. (Dr.) Ajay Rana
Director-ATPC