CAMP offers Certificate Course in Laser Applications in Biology and Medicine

Course structure:

Title of the programme – Certificate course in Laser Applications in Biology and Medicine

Duration of the Course – 3 months

Course Features

The course features include, fundamentals of Lasers, working principle and basic hardware of a laser system. It also gives introduction about different types of Lasers and their applications in Biology and Medicine. At the end of the course, participants will be familiarized with different types of lasers available and their application oriented research at Department of Atomic and Molecular Physics.

Subjects

Interactive sessions

- CIMAL 101 Laser Basics
- CIMAL 102 Laser-Matter interactions and safety regulations
- CIMAL 103 Laser Applications

Lab Demonstrations:

- Laser Based techniques

Examination Schedule

Tests will be conducted during last week of the every month.

Marks distribution

<table>
<thead>
<tr>
<th></th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Tests</td>
<td>25</td>
</tr>
<tr>
<td>Attendance</td>
<td>10</td>
</tr>
<tr>
<td>Practical</td>
<td>15</td>
</tr>
</tbody>
</table>
Class Schedule

<table>
<thead>
<tr>
<th>DAY</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue</td>
<td>6.00-7.30 pm</td>
<td>CIMAL – 101</td>
</tr>
<tr>
<td>Thu</td>
<td></td>
<td>CIMAL – 102</td>
</tr>
<tr>
<td>Sat</td>
<td></td>
<td>CIMAL – 103</td>
</tr>
</tbody>
</table>

Criteria for admission and number of seats

Eligibility for Admission: Candidates with Bachelor degree in any of the following disciplines: Science/Medicine/Engineering/Nursing/Pharmacy/Allied Health (Students in the final year of their course are also eligible).

Selection of students: First come first served basis

Fee Structure: Rs. 8000/-

Number of seats: 30

Commencing on: September 10, 2013

Application Deadline: August 31, 2013