Annexure 1

Admission to PhD Program in Department of Biochemical Engineering and Biotechnology

Short-listing criteria (2017-2018 Semester 1)

The candidates must have first class (60% or 6.75/10 CGPA) in all examinations starting from 10+2 up to the qualifying exam and they must meet the following criteria based on their qualifying exam degree.

<table>
<thead>
<tr>
<th>Qualifying exam</th>
<th>Acceptable majors</th>
<th>General Category</th>
<th>OBC (Non-creamy layer)</th>
<th>SC/ST &amp; PD</th>
</tr>
</thead>
</table>
| B. Tech.        | Biochemical Engineering, Chemical Engineering, Biotechnology, Industrial Biotechnology, Bioinformatics, Environmental Engineering, Pharmaceutical Biotechnology, Food Science and Engineering, Food Technology | (i) B.Tech 70% or 7.75/10 CGPA  
(ii) Valid JRF or GATE score of min. 600 in Life Sciences or Biotechnology or Chemical Engg. | (i) B.Tech 70% or 7.75/10 CGPA  
(ii) Valid JRF or GATE score of min. 550 in Life Sciences or Biotechnology or Chemical Engg. | (i) B.Tech 65% or 7.25/10 CGPA  
(ii) Valid JRF or GATE score of min. 500 in Life Sciences or Biotechnology or Chemical Engg. |
| M. Tech./M.S. (R) | Biochemical Engineering, Chemical Engineering, Biotechnology, Industrial Biotechnology, Bioinformatics, Environmental Engineering, Pharmaceutical Biotechnology, Food Science and Engineering, Food Technology | (i) M.Tech 65% or 7.25/10 CGPA  
(ii) GATE score not required | (i) M.Tech 65% or 7.25/10 CGPA  
(ii) GATE score not required | (i) M.Tech 60% or 6.75/10 CGPA  
(ii) GATE score not required |
| M. Sc.          | Biochemistry, Biotechnology, Bioinformatics, Biophysics, Biosciences, Chemistry, Environmental Science, Genetics, Life Sciences, Microbiology | (i) M.Sc. 60% or 6.75/10 CGPA  
(ii) GATE score 600 or valid JRF | (i) M.Sc. 60% or 6.75/10 CGPA  
(ii) GATE score 550 or valid JRF | (i) M.Sc. 55% or CGPA 6.25/10  
(ii) GATE score 500 or valid JRF |

For B.Tech graduates from IITs

In respect of B.Techs from IITs graduating with a CGPA of 8.0 or above, the requirement of qualification through a national examination is waived off.

For students from Centrally Funded Technical Institutions (CFTI)

Students from CFTIs (Centrally Funded Technical Institutions - IIT’s, NIT’s, IIIT’s, etc) having CPI/CGPA 7.00 (at 10.00 scale) at the end of 3rd year are also eligible for admission to PhD. The requirement of qualification through a national examination is waived off.
Experience required for admission to part-time PhD. Program in DBEB

<table>
<thead>
<tr>
<th>Sl.</th>
<th>Qualifications</th>
<th>Work Experience (post qualification)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M.E./M.Tech./M.S.(R) or Equivalent</td>
<td>Nil</td>
</tr>
<tr>
<td>2</td>
<td>B.E./B.Tech./M.Sc. or equivalent, from CFTIs/Central Universities</td>
<td>1 year</td>
</tr>
<tr>
<td>3</td>
<td>B.E./B.Tech./M.Sc. or equivalent, and working in IIT Delhi* (Project or Regular)</td>
<td>1 year</td>
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<td></td>
<td>* Through proper channel</td>
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</tr>
<tr>
<td>4</td>
<td>B.E./B.Tech./M.Sc. or equivalent, from institutions other than CFTIs/Central Universities</td>
<td>2 years</td>
</tr>
</tbody>
</table>

* The minimum qualification for these candidates is the same as for full-time candidates, except that the requirement for qualifying in a national examination is waived off.