**Duration of the Appointment:** 1 year (Extendable up to 3 years)

**Contact details:** 9619747193 (M), sandipkar@iitb.ac.in (e-mail)

**Project Code:** RD/0119-DST0000-049

**Project Title:** A Systems Biology Approach to Unravel the Disparate Nature of Cellular Proliferation Organized by microRNA-17-92 Cluster Components in Mammalian Cells

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Type of Appointment</th>
<th>Designation</th>
<th>Salary Type</th>
<th>Salary (Per month in Rs.)</th>
<th>No of Post</th>
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<tbody>
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<td>1</td>
<td>SERB funded project (DST norms will be followed)</td>
<td>Junior Research Fellow</td>
<td>Consolidated</td>
<td>$31,000 + 7440 (HRA) = 38,440</td>
<td>1</td>
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**Qualification:** Post Graduate degree in Basic Science (Chemistry, Biochemistry, Biophysics), Or Graduate / Postgraduate degree in Biotechnology course selected through a process described through any one of the following:

a. Scholars who are selected through National Eligibility Tests- CSIR-UGC NET including lectureship and GATE.

b. The selection process through National level examinations conducted by Central Government Departments and their agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.

**Job Profile:** To accomplish the abovementioned project, the candidate must have interest in performing interdisciplinary studies, where we combine experimental, theoretical and computational aspects to understand a complicated biological process. *We are looking for a student who will be mostly involved in experimental work related to cell culture, transduction, biochemical and single cell level experiments. However, the candidate must be open minded to understand his/her experimental observations by making quantitative theoretical or computational mathematical models later on.* Prior experience in working with Mammalian/Bacterial cells will be highly desirable. *We will mostly prefer fresh students (having Graduate/ post graduate as applicable) with background in Biotechnology, Biophysics, Biochemistry and Physical Chemistry, and having interest in both experimental as well as mathematical and computational modelling. The student must at least have a NET-LS or a good GATE score.*