



## Education

### College/University:

1999-2002 Banaras Hindu University, B.Sc. (Hons) in Chemistry

2002-2004 Indian Institute of Technology Roorkee, Roorkee M.Sc. in Biotechnology.

### Highest degree:

M.Sc.

### Major Subjects:

Biotechnology

### Projects/Research:

1. **Structure and function of Dynamin and Dynamin Related Proteins.**
2. Worked as J.R.F at National Centre for Cell Science, Pune India. I was working on project “ Differentiation of mouse embryonic stem cells (mES) into Pancreatic  $\beta$  cell like clusters (2004-05)
3. Project work on “ Studies on acid and salt tolerance of Rhizobial strains isolated from legumes(2004)
4. Worked on cloning ,expression and characterization of phosphoenol pyruvate carboxylase, UV survival and thermoluminescence of wild and mutants of *Anacystis nidulans* (2003).

### Scholarships:

1. Junior Research Fellowship (JRF) awarded by Council for Scientific and Industrial Research (CSIR), India. Among top 20%
2. Qualified Graduate Aptitude Test in Engineering (GATE). All India Rank 56
3. Received Biotechnology Scholarship for Masters (2002-04), it was sponsored by DBT ,India.

### Scientific Interests and Goals:

To learn more about Dynamins.

### Hobbies and other interests:

Music , Dress designing and Roaming

**First name:**

**Amrita**

**Last name:**

**Rai**

**Date of birth:**

**15-07-1980**

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**Supervisor:**

**Prof. D.J.Manstein**

**Biophysical Chemistry**