

Name of Teaching Staff : Prof.(Mrs.) Mrunal R. Rane
 Designation : Assistant Professor
 Department : Biomedical Engineering
 Date of Joining the Institution : 26.7.2002



Qualifications with Class / Grade : 1. M. Tech. (Biomedical Engineering), 2009, CPI-9.81 from I.I.T. Bombay.
 2. B.E. (Biomedical Engineering), 1997, Ist class (64.68%), with distinction from University of Mumbai.
 3. Ph.D. (pursuing), I.I.T. Bombay

Total Experience in Years : **Teaching: 13 years 5 months**
 1. Assistant Professor, D.J. Sanghvi College of Engineering from 1.1.2006 till date.
 2. Lecturer, D.J. Sanghvi College of Engineering from 26.7.2002 to 31.12.2005.
 3. Lecturer, Thadomal Shahani Engineering College from 1.1.2001 to 25.7.2002.
 4. Lecturer in Biomedical Engineering, Mahatma Missions College of Engg. & Tech. from 16.8.1998 to 21.12.2000.

Industry: --

Research: --

Papers Published : **National:** --
International: --

Papers Presented in Conferences : **National:**--
International:
 1. Presented a poster titled "Computational Investigation of Role of Inward Rectifying Potassium Currents in Temporal Summation of EPSPs in Striatal Medium Spiny Neurons" at International Conference IAN08 at Cochin in December, 2008.
 2. Presented a poster titled "Computational Investigation of Role of Active Conduction in Information Processing in Medium Spiny Neurons" at International Symposium at I.I.T. Bombay.
 3. Presented a paper titled "Computational Investigation of Role of Active Conductance in Information Processing in Striatal Medium Spiny Neurons" at WC2009 Medical Physics and Biomedical Engineering, Germany in September, 2009.

PhD Guide ? Give field & University : **Field:** --
University: --

PhDs / Projects Guided : **PhDs:** --
Projects at Masters level: --

Books Published / IPRs / Patents : Embedded Systems – Edition 2009.

Professional Memberships : ISTE Member.

Consultancy Activities : --

Awards : Best Teachers Awards for the year 2011.

Grants fetched : Sushruta up to Rs. 40,000/-

Interaction with Professional Institutions : --