JADAVPUR UNIVERSITY

Computer Science and Engineering Department

Vision and Mission of the Department

Vision of the Department:

To nurture young minds by providing right ambience, quality education and research motivation for excellence in the areas of Computer Science & Engineering to contribute towards a better world

Mission of the Department: *To educate students in the areas of Computer Science & Engineering and allied fields by providing best practices of teaching learning process for careers in industries/higher education/research.*

M1: *To educate students in the areas of Computer Science & Engineering at par global standards.*

M2: *To take up technological challenges of the State, Nation and beyond for the betterment of society.*

M3: *To motivate students towards collaborative activities, quality research and innovation.*

M4: *To promote self-reliance among students to meet emerging challenges in industry, academia and entrepreneurship ventures.*

Program Educational Objectives:
Graduates will have the attitudes and abilities

PEO 1: To practise as competent professionals in core and allied areas of Computer Science & Engineering.

PEO 2: To enhance their skills and embrace new computing technologies through lifelong learning for higher education, research and professional development.

PEO 3: To advance their professional involvement with ethical standards and participation in societal outreach activities.

Program Specific Outcomes (PSO)

Graduates in Computer Science and Engineering should have the capability of:

PSO 1: Software Development: Designing Algorithm, Analyzing Complexity, and Developing cost-effective system

PSO 2: Hardware Design: Designing Cost-effective energy efficient hardware

PSO 3: Societal Outreach: Applying computational methods to address diverse needs of the community for improving the quality of life and environment.

PSO 4: Professionalism: Developing sense of responsibilities, professional ethics, communication skills, competence, environmental awareness and self-learning