



# JADAVPUR UNIVERSITY

## Food Technology and Biochemical Engineering Department

### Vision and Mission of the Department

#### *Vision of the Department:*

To impart quality education in Food Technology and Biochemical Engineering through application of scientific and technological concepts to ensure value addition of agricultural and allied resources, to cater to the needs of industry and to ensure food safety and security for society enmasse

#### *Mission of the Department:*

- M1: to develop technological and engineering capabilities at par with global standards
- M2: to meet relevant industrial and societal needs
- M3: to motivate students to high quality research and scholarly activities
- M4: to promote innovative and collaborative activities for facing emerging challenges including extension work and entrepreneurship development.

#### *Program Educational Objectives:*

Food Technology & Biochemical Engineering graduate will be able to

- **PEO -1:** analyze and design Food and Biochemical processes and systems
- **PEO -2:** take active role in the management of Food processing and Biochemical sectors
- **PEO -3:** effectively participate in core and interdisciplinary higher studies
- **PEO -4:** work effectively as a leader or as a member of team in project execution
- **PEO -5:** engage in ethical practice and lifelong learning so as to adapt to future professional challenges

#### *Mission –PEO Matrix*

	M1	M2	M3	M4
PEO - 1	3	2	1	1
PEO - 2	2	3	1	1
PEO - 3	2	1	3	1
PEO - 4	1	2	1	3
PEO - 5	1	2	2	3

Correlation levels - (3 – Strong, 2 – Moderate and 1 – Weak)

#### **Program Specific Outcomes (PSO)**

**PSO -1: Hands-On Training:** execute and manage Food and Biochemical processing operations and to develop Food and Biochemical products

**PSO -2: Real life problem solving:** apply domain knowledge & skills towards solving real life industrial and research problems

**PSO -3: Social outreach:** identify and provide acceptable technological solutions to community-specific problems