

# **Bangladesh Army university of Science and Technology (BAUST)**

## **Department of Mechanical Engineering**

### **Vision of the Mechanical Engineering**

The Department of Mechanical Engineering envisions to produce competent professionals with high morals who will meet the national and global needs through sustainable engineering practices, creative researches and innovations.

### **Mission of the Program**

Mission 1	To provide high quality state-of-the-art education in Mechanical Engineering for producing skillful engineers who will be capable of solving real-world problems.
Mission 2	To contribute towards the broadening of knowledge through eminent research and innovation in Mechanical Engineering and allied fields for addressing the emerging challenges of 21st century.
Mission 3	To enable students in cultivating ethics for practicing sustainable development values as professionals and entrepreneurs.
Mission 4	To introduce the practice of 'life-long learning' amongst the graduates for pursuing successful career paths.

### **Program Educational Objective (PEOs) of the Program**

PEO-1	To produce graduates who will have consolidated competence in solving complex engineering problems in the fields of Mechanical Engineering viz. Power Generation, Automotive, Refrigeration and Air-conditioning, Petroleum, Aeronautical and Electromechanical industry. The curriculum aims at imparting a synergic view of industrial system vis-à-vis the environment, society and economics.
PEO-2	To prepare the graduates for their career paths in becoming successful entrepreneurs and professionals-cum-leaders with ethical values, technical and managerial expertise.
PEO-3	To provide graduates with necessary knowledge, soft skills and hands-on training required in their professional careers as well as in their pursuance of higher studies.
PEO-4	To develop graduates who will retain intellectual curiosity and exercise life-long learning in the sustainable development of industry and society.