

## 2.6.1 Q<sub>1</sub>M

**The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents**

Write a description in maximum of 500 words

### **File Description**

- Upload any additional information
- Provide links as Additional Information
- Upload COs for all courses (exemplars from Glossary)

**[10/10]**

### **Response:**

The University has well defined learning outcomes that are extensively publicized through the following means:

<b>Name of the media</b>	<b>Stakeholders connected</b>	<b>Nature of Dissemination</b>
Website	Internal as well as external stakeholders such as industry, employers, alumni, funding agencies, students, parents, faculty, Staff	POs and, and PEOs have been published on the University website <a href="http://www.hbtu.ac.in">www.hbtu.ac.in</a>  PSOs and Cos are available at Department Pages on Website.
Portrayal Display	Students, Faculty Members, Staff, and Management.	Vision and Mission are displayed at prominent places in the department. <a href="https://erp.hbtu.co.in/">https://erp.hbtu.co.in/</a>
Information Brochure	Students and Parents.	Students are provided with a copy of the Information Brochure containing Vision, Mission, PEO and other information about the department at the time of admission of the students in the first year.

### **Process to Ensure Questions from Outcome/Learning Levels Perspective**

- Complete syllabus of the theory courses has been generally divided into five units whereas syllabus of theory-cum-lab courses consists of six units.
- Accordingly, the 5-6 COs have been identified for various courses.
- In the question paper of end semester examination, it is mandatory to give one question from each unit. Thus, it insures that all COs are covered in the question papers.
- Questions in the question papers are of various levelas per the pattern of the Bloom's Taxonomy i.e., remember, understand, apply, analyze, evaluate and create.
- To insure the quality of the question papers, an internal audit is conducted by a Committee of senior faculty members of the department.

### **Quality of student projects**

The prime objective of the project work is to make practical implementation of theoretical knowledge gained by the students during the study from first year to third year. Students are required to implement their original ideas, modification/enhancement of the existing engineering techniques, real time industrial problems, and current applications of their courses of study considering factors including environment, safety, ethics, cost and standards. In assigning the projects, it is ensured that higher order skills are enhanced among students as per Bloom's taxonomy.

### **Identification of Projects and Allocation Methodology**

The project topics are chosen to accomplish the following objectives: -

- In real world, we are faced with a number of unexpected challenges with a little or no aid to address them. Students are involved to resolve these issues/challenges in creative ways by providing appropriate solutions.
- While it is important to be able to function in a group, it is also important to demonstrate leadership skills when necessary. Both in the college and within the workforce, the ability to assure the lead when the situation calls for it.

### **Impact/Outcomes of the project work are as follows: -**

- Show preparedness to work independently on real time problem scenarios to be addressed using knowledge of fundamentals, techniques, programming languages and tools in the area of Computer Science & Engineering.
- Use the innovative ideas and thoughts to address real life issues and provide efficient solutions for process-oriented works.
- Relevance of the projects and their contribution towards attainment of POs and PSOs.