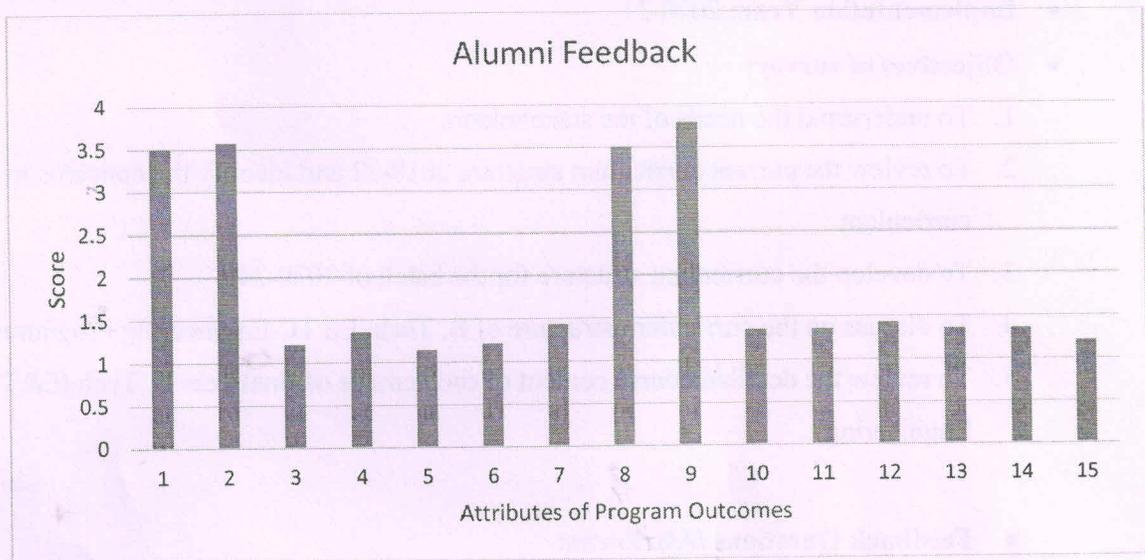


### **Analysis of feedback received from different stake holders**

- **Stake holder:** Alumni
- **Department:** Electronics & Telecommunication Engineering
- **Academic Year:** 2020-21
- **Implementation Year:** 2020-21
- **Objectives of survey:**
  1. To understand the needs of the stakeholders
  2. To review the current curriculum structure 2018-22 and identify the concerns in the curriculum
  3. To develop the curriculum structure for the batch of 2020-24.
  4. To discuss on the curriculum structure of B. Tech. E&TC Engineering Programme
  5. To review the detailed course content of each course of final year B. Tech (E&TC Engineering)
  
- **Feedback Questions /Attributes:**
  1. Ability to develop and analyze Embedded, VLSI and PLC based application
  2. Ability to detect and correct various faults in electronics system
  3. Acquire in-depth knowledge of digital systems and augment it by comparing, evaluating, analyzing and synthesizing with existing knowledge
  4. Exercise intellectual inquiry by critical analysis and synthesis of information for conducting research in theoretical and practical context
  5. Conceptualize and formulate the engineering problem, find its optimal solution from wide range of potential solutions by giving due consideration to societal and environmental factors
  6. Apply tools and techniques of research methodology for development of innovative digital systems
  7. Effectively use computers and computing approach for analysis and simulation of digital systems
  8. Aware of his/her professional and ethical responsibilities
  9. Learn new areas, engage in professional development and adapting to technological change
  10. Recognize research opportunities in multidisciplinary areas and provide solutions by working as a leader or productive member of a team
  11. Understand the principles of project management both as a member and a team leader for project development
  12. Communicate effectively through reports, presentations and discussions within both the technical domain and the community at large

13. Ready for a lifelong learning to face increasing challenges and responsibilities
14. Understand professional, ethical and moral responsibilities for sustainable development of society
15. Learn independently by observing and critically examining outcomes of the process and take self-corrective actions

• **Response chart:**



• **Important Comments:**

1. More importance must be given for practical knowledge

• **Implemented points in the curriculum:**

1. Active learning methods are introduced.
2. Simulations softwares and real working demonstration of the devices/components with the help of videos are used to make complex topics simple during teaching.
3. Electronics product design lab course is introduced.
4. Expert talks on contents beyond the syllabus are arranged.
5. Technical Aptitude I&II courses are introduced in Third and fourth semester respectively to enhance technical skills
6. Comprehensive Exam course is introduced
7. Internet of Things (IoT) course is introduced in the first Semester of B. Tech



*M. Atul*  
Head, E & TC  
Engineering Department