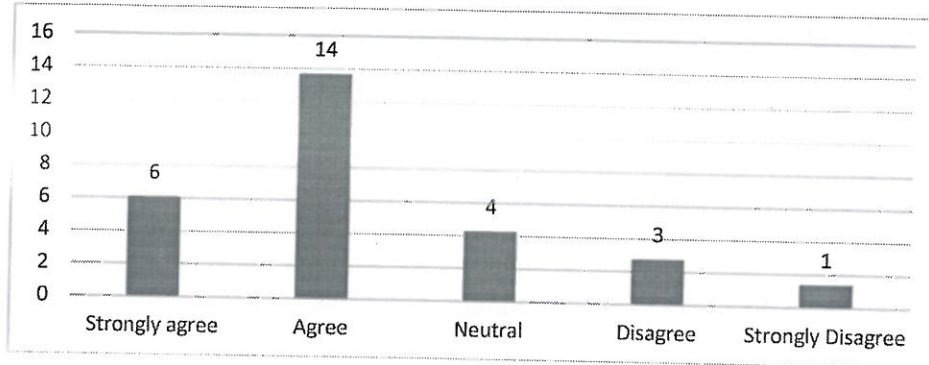


Analysis of feedback received from different stake holders

- **Stake holder:** Alumni
- **Department:** Mechanical Engineering
- **Academic Year:** 2019-20
- **Implementation Year:** 2020-24
- **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.
- **Feedback Questions:**
 1. The syllabus structure is fulfilling industry need, sufficient to bridge the gap between the industry standards and academics.
 2. The current Syllabus covers all fundamental courses of mechanical engineering.
 3. The Current Syllabus structure covers sufficient courses related to contemporary topics, global/emerging issues and trends in mechanical engineering.
 4. The Current Syllabus structure provides sufficient programme elective to acquire domain specific knowledge.
 5. The Current Syllabus structure provides sufficient open elective courses to acquire multidisciplinary knowledge.
 6. Syllabus structure fulfils the need of providing the hands on experience through laboratories, projects, internships etc.
 7. The Specified contact hours are sufficient to complete the coverage of the course syllabus.
 8. The current curriculum structure meets the expectations in terms of learning values, innovation, attitude, analytical abilities, practical orientation to the real life situation.
 9. The Evaluation methods mentioned in syllabus structure are sufficient for providing proper assessment.
 10. The current syllabus tries to build opportunities in terms of employability such as Jobs, Services and entrepreneurial attitude amongst students.

• **Response chart:**



• **Important Comments:**

- Industries demand software based experience from students. So encourage students for doing software based projects. (Softwares: ANSYS, MATLAB, EES, CFD, FEA, 3D Printing etc)
- Should add courses focusing on Robotics and automation for coping with Industry 4.0. Should focus on various global tools for quality and environmental background..(Lean engineering, Six sigma certification, NABL etc)
- I think, concepts like TPM (Total productive Maintenance) Kaizens ,5S, PoKayokes. ISO 9001,ISO 14000,18000.Industrial safety, Factory act is to be included (At least basics)
- Have more time in applying knowledge gained through course to solve real life problems. Focus should be on industry challenges and world issues and to make world run better.
- Software training plus BTech project and placement from consultancy firms (like CAE consultancy) will increase placement count of mechanical engineering.

• **Implemented points in the curriculum:**

1. Software training at final year
2. Introduction to AI and ML as elective course
3. Included TPM course as elective.



(Sign and Seal of Respective department HoD)