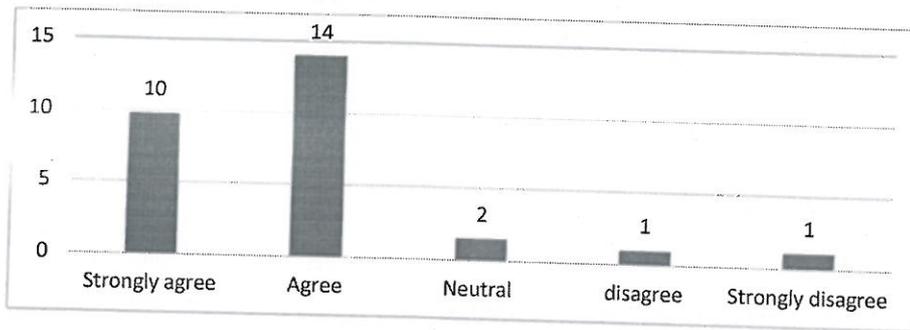


### **Analysis of feedback received from different stake holders**

- **Stake holder:** Parent
- **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:**

- I think you should increase the contact hours for the course related to design.
- Please make sure that students also get acquainted to MANAGEMENT field from their future point of view, as I see many students doing BTECH now and then opting for Management later. If they could acquire those skills earlier that would be an added benefit

• **Implemented points in the curriculum:**

1. Separate lab session added for the machine design course
2. Engineering Management and Economics course added in the curriculum.



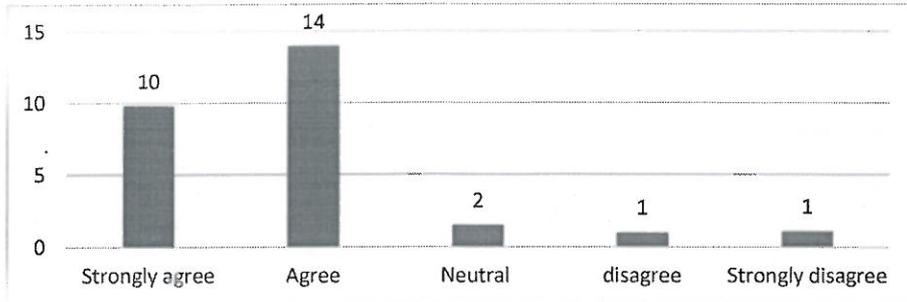
(Sign and Seal of Respective department HoD)



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

- **Stake holder:** Faculty
- **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 fulling industry need, sufficient to bridge the gap between the industry standards and academics.
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  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:**

- More programming skills need to be added like C, C++ and Python, SAP.
- 1. To increase opportunities for students in design/software industry Course like FEM should be compulsory course...  
2. Assessment methods can be different for different subjects...!
- Design lab including 3D Printing Technology should be added in the syllabus

• **Implemented points in the curriculum:**

1. Python Programming added at third year level
2. FEM course made compulsory and introduced in third year
3. Machine design lab added as per the suggestions.

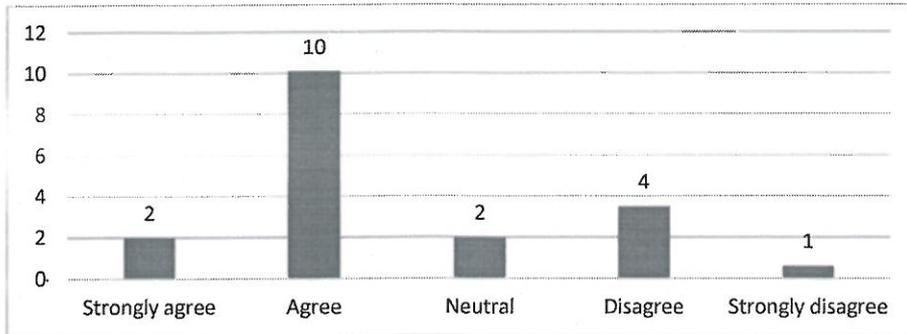


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### **Analysis of feedback received from different stake holders**

- **Stake holder:** Employer
- **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.
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  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:**

- Add some ISO 9001,14001,IATC16949.LEAN MGF TPM, TRIZ
- Add extra hours for auto cad, master cam software
- please do compulsory 1 year industrial training on minimum salaries and conduct 1 oral on that training

• **Implemented points in the curriculum:**

1. 6 months' internship added and made compulsory for maximum students
2. Software training included in syllabus
3. ISO 9001, 14001 included in TQM course.

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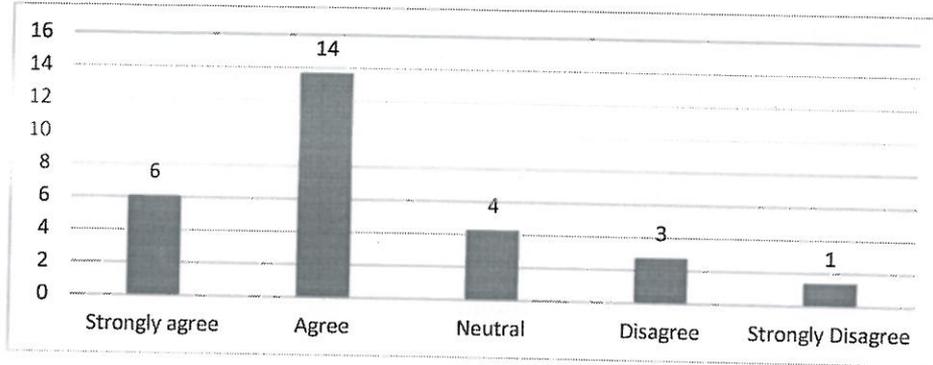


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### **Analysis of feedback received from different stake holders**

- **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.
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  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.

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