

**JSPM's**

**Rajarshi Shahu College of Engineering, Pune**

(An Autonomous Institute Affiliated to Savitribai Phule Pune University, approved by AICTE,  
accredited by NBA (UG Programs), Accredited by NAAC with "A" Grade)

**Key Indicator -1.4 Feedback System**

| Sr. No. | Programme Code | Programme Name                          |
|---------|----------------|---|
| 1       | 614191611      | Automation and Robotics                 |
| 2       | 614119110      | Civil Engineering                       |
| 3       | 614124510      | Computer Engineering                    |
| 4       | 614126210      | Computer Science and Business Systems   |
| 5       | 614129310      | Electrical Engineering                  |
| 6       | 614137210      | Electronics and Telecommunication Engg. |
| 7       | 614124610      | Information Technology                  |
| 8       | 614161210      | Mechanical Engineering                  |
| 9       | 614110110      | Master of Business Administration (MBA) |
| 10      | 614124110      | Master of Computer Application (MCA)    |



  
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### Key Indicator -1.4.1.1 Feedback Survey Results

| Sr. No. | Feedback on curriculum               |
|---------|--------------------------------------|
| 1       | Faculty feedback analysis (2023-24)  |
| 2       | Students feedback analysis (2023-24) |
| 3       | Parents feedback analysis (2023-24)  |
| 4       | Employer feedback analysis (2023-24) |

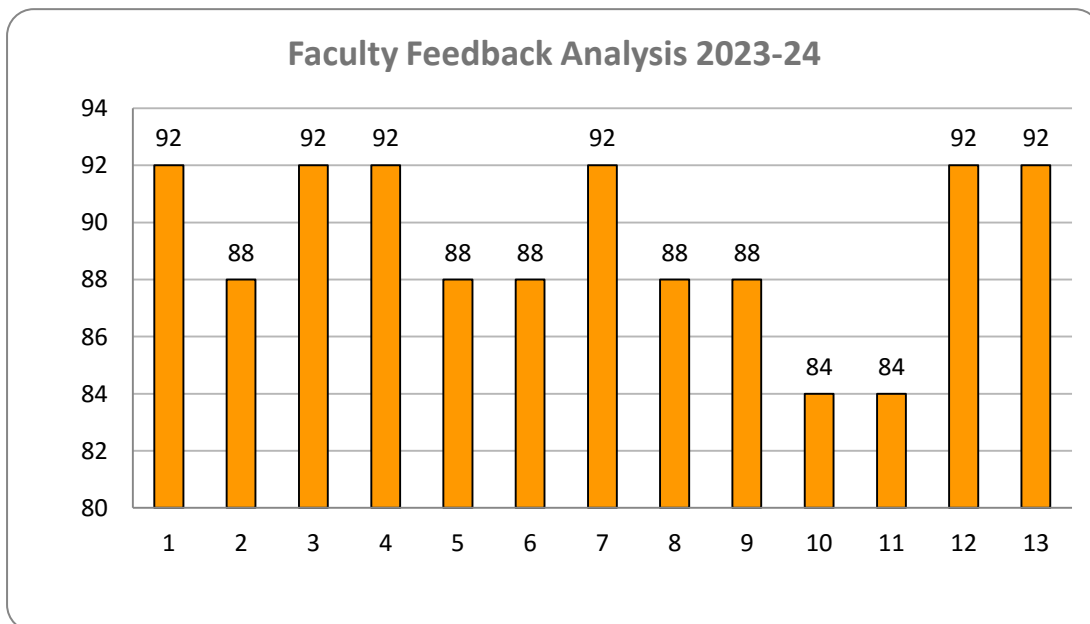


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### 1.4.1.1 Feedback System – Faculty Feedback Results

| SN | Parameter   | % Feedback |
|----|---|------------|
| 1  | Clarity of the learning objectives of the course  | 92         |
| 2  | learning objectives aligned well with the course content  | 88         |
| 3  | The quality of the course materials provided  | 92         |
| 4  | Course material relevant and up-to-date with Current academic and industry standards?                                 | 92         |
| 5  | The content of the curriculum cover necessary topics adequately   | 88         |
| 6  | The instructional methods (e.g., lectures, discussions, projects) well-aligned with the learning outcomes             | 88         |
| 7  | The teaching methods are effective in engaging students and facilitating their learning?                              | 92         |
| 8  | Technology is used effectively in the course to enhance learning (e.g., online platforms, multimedia tools)?          | 88         |
| 9  | The assessment methods are (e.g., exams, assignments) well-aligned with the learning objectives?                      | 88         |
| 10 | The assessments are clear, fair, and effectively communicated to students?  | 84         |
| 11 | Feedback mechanisms (e.g., timely grading, constructive comments) are effective in helping students improve?          | 84         |
| 12 | Strategies used to engage students (e.g., interactive activities, discussions) are effective?                         | 92         |
| 13 | Resources and support available to assist students with their learning needs (e.g., office hours, academic advising)? | 92         |





## Descriptive Faculty Feedback Analysis:

Based on analysis of feedback given by Faculty it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Objectives are well defined
- Effective teaching methods were highlighted
- Assessments methods like mini project, simulation projects, cases study based assignments were as aligned with course objectives

### 2 Insights :

- Quality of Learning material is good
- Supportive environment
- Use of online platforms and software tools like RoboDk, Automation Studio, Win CC etc

## Summary of Findings:

### 1. Strengths identified:

- Learning outcomes
- Content of the curriculum to fill gap between academia and Industry
- Practicals at Industry

### 2. Areas for Improvement :

- Project Based Learning
- Inculcate self-learning



  
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## Action taken Report for AY 2023-24 based on Faculty Feedback Analysis

Following points are implemented

- EDI- I,EDI-II, Interpersonal Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.

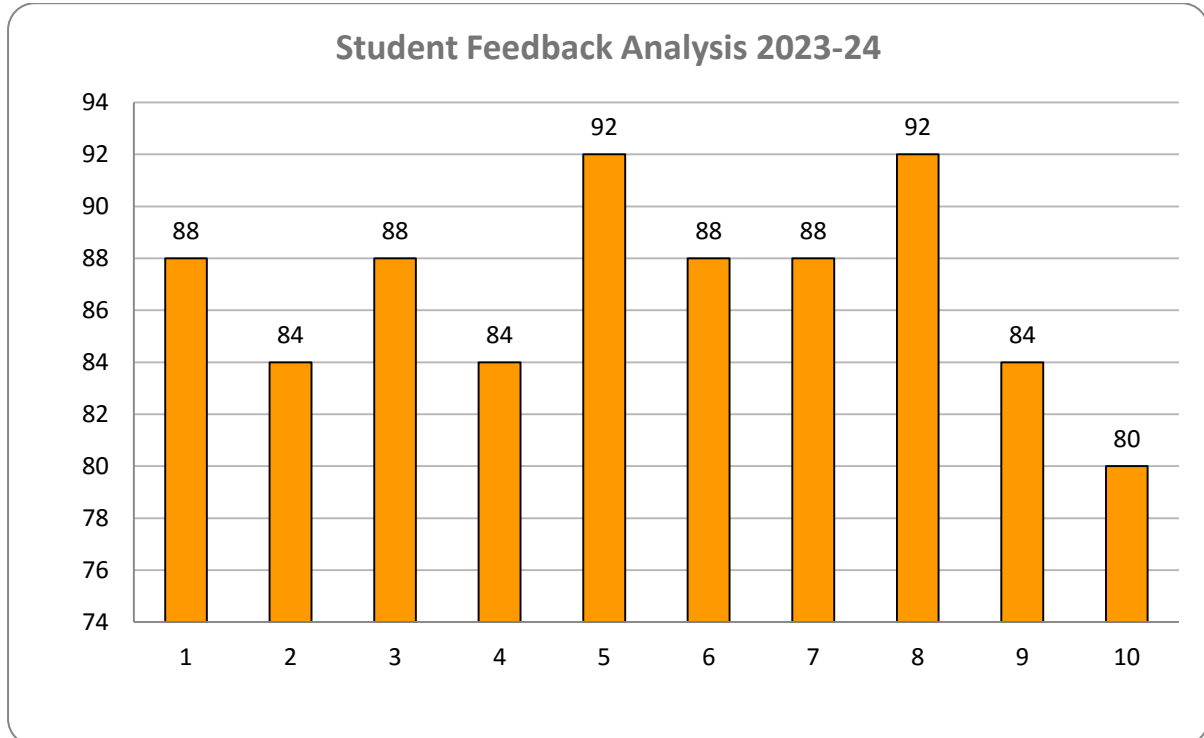


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### 1.4.1.1 Feedback System – Student Feedback Results

| SN | Parameter   | % Feedback |
|----|---|------------|
| 1  | The current courses are relevant to my future career in engineering                         | 88         |
| 2  | Breadth and depth of the course content   | 84         |
| 3  | Effectiveness of the structure of the courses ( organization, pacing and progression)       | 88         |
| 4  | Quality and usefulness of the learning materials  | 84         |
| 5  | Courses provide sufficient opportunities for practical application of theoretical knowledge | 92         |
| 6  | Effectiveness of the instructor in delivering the course material and engaging students     | 88         |
| 7  | Instructor are accessible and supportive outside of class                                   | 88         |
| 8  | Curriculum covers the essential topics and skills in your field of study                    | 92         |
| 9  | Workload of the courses   | 84         |
| 10 | Classroom environment for learning  | 80         |



  
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## Descriptive Student Feedback Analysis:

Based on analysis of feedback given by students it is observed that

### 1. Comments :

- Courses are as per future career requirements
- Well structure and contents of the courses
- Effective teaching methods
- Quality learning materials

### 2. Insights :

- Skills required in various domains of Automation and Robotics
- Module wise courses
- Environment of class and Hand on conduction of practicals

## Summary of Findings:

### 1. Strengths identified:

- Good support and career guidance
- Technical events and workshops

### 2. Areas for Improvement :

- Need for guidance of research and patents
- Competitive Examinations



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## Action taken Report for AY 2023-24 based on Student Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Classroom environment for learning

Following points are implemented

- GATE Sessions started for students.
- EDI- I, EDI-II, Interpersonal Skills, courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.
- Python Programming course offered to develop coding knowledge
- Students encouraged to enrol for NPTEL and SWAYAM courses
- Practicals at Industry

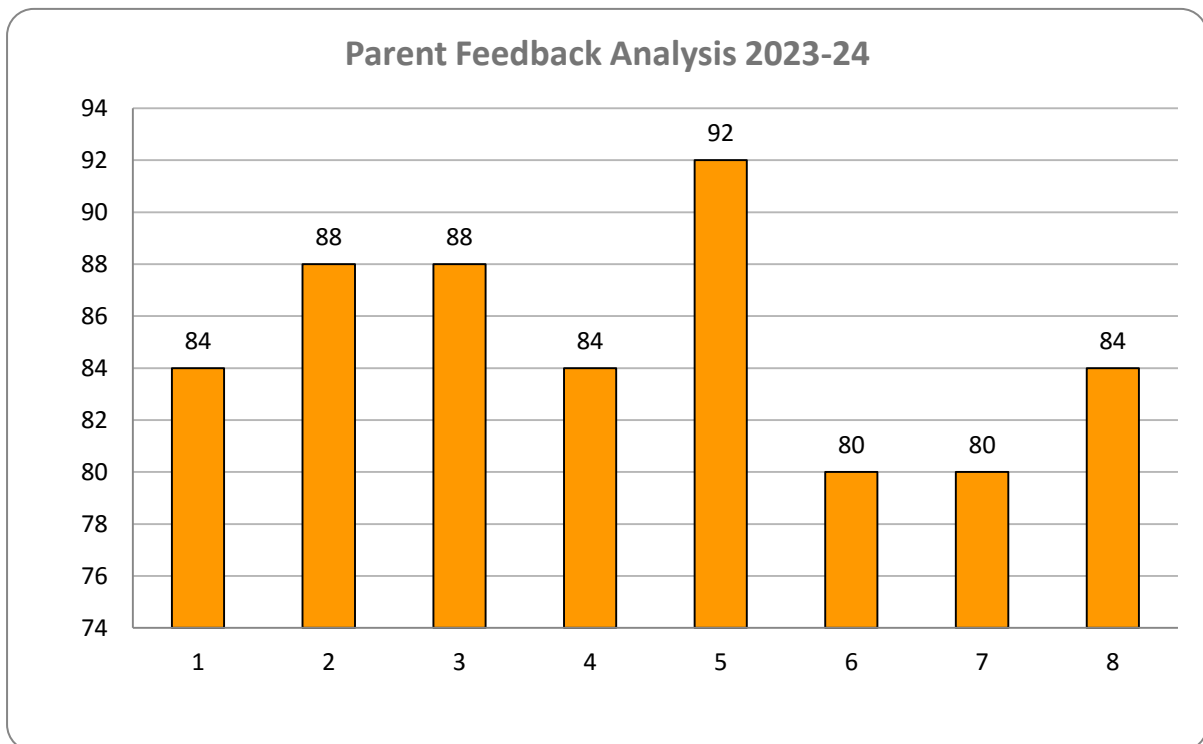
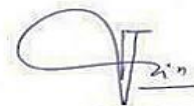


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### 1.4.1.1 Feedback System – Parent Feedback Results

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | The current curriculum aligns with your child's career goals and aspirations in engineering?                               | 84         |
| 2  | Curriculum is comprehensive in covering essential subjects and skills necessary for a successful engineering career        | 88         |
| 3  | The curriculum effectively integrate practical experiences such as labs, internships, or projects                          | 88         |
| 4  | Your child engaged with the curriculum and course material   | 84         |
| 5  | The support and resources provided to students are adequate (e.g., academic advising, career services, learning materials) | 92         |
| 6  | The balance of workload and academic demands in the curriculum   | 80         |
| 7  | Clarity and Organization of the curriculum's structure and course sequencing   | 80         |
| 8  | The curriculum prepares students for the engineering industry and workforce  | 84         |

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## Descriptive Parent Feedback Analysis:

Based on analysis of feedback given by parents it is observed that

### 1 Comments :

- Good curriculum
- Well contents of the courses as per skills required
- Good Academics and Discipline in the department

### 2. Insights :

- More industry connect required

### Summary of Findings:

#### 1. Strengths identified:

GFM system is good for motivation and guidance of students

Hands on Practical on all courses with laboratory

#### 2. Areas for Improvement :

Focus on addressing social relevant issues

Needs project based / project centric learning



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## Action taken Report for AY 2023-24 based on

### Parent Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Clarity and Organization of the curriculum's structure and course sequencing

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- New Product Design and Development, Entrepreneurship Development, AIML courses offered to students to improve business acumen and management-based courses can be offered.

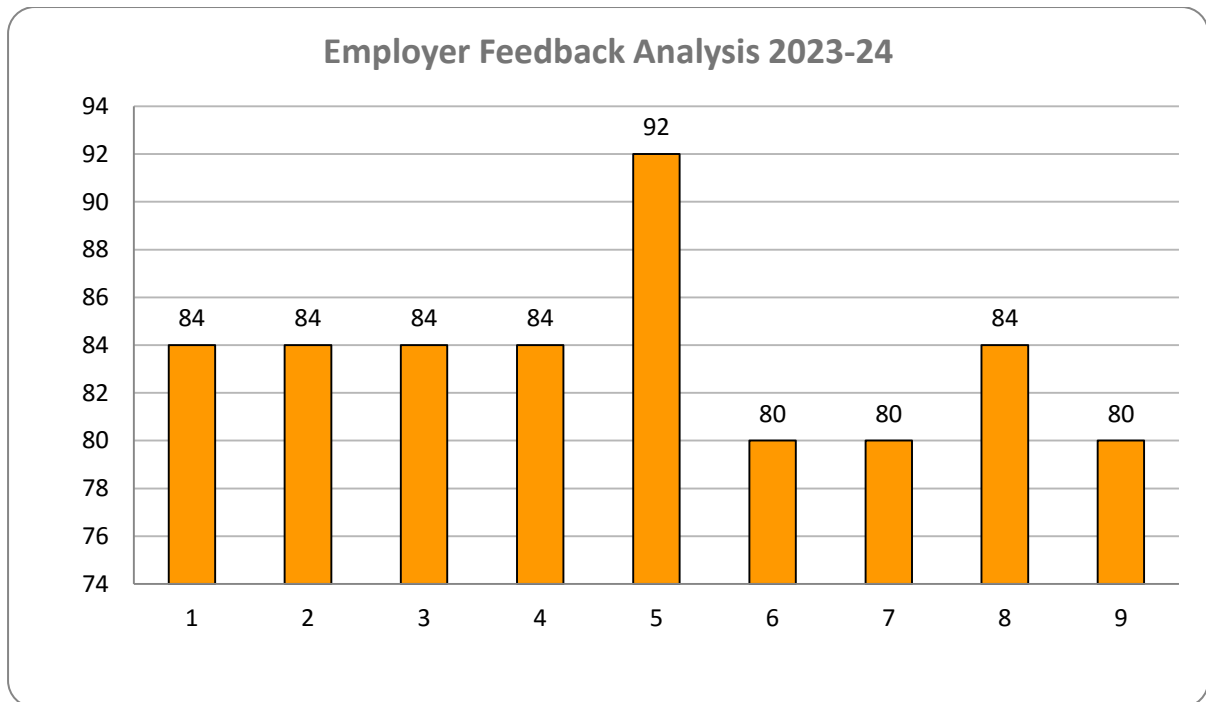


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### 1.4.1.1 Feedback System – Employer Feedback Results

| SN | Parameter   | % Feedback |
|----|---|------------|
| 1  | The current engineering curriculum aligns with the skills and knowledge required in your industry                               | 84         |
| 2  | The curriculum prepare graduates with the technical skills needed for their roles in your organization                          | 84         |
| 3  | The curriculum addresses the development of essential soft skills (e.g. Communication, teamwork, problem-solving)               | 84         |
| 4  | The overall competency of recent graduates from this curriculum in performing their job roles?                                  | 84         |
| 5  | Graduates are well-prepared for real-world challenges and industry practices  | 92         |
| 6  | Graduates demonstrate innovation and problem-solving skills that are critical in your industry?                                 | 80         |
| 7  | The curriculum is comprehensive in covering key areas of engineering relevant to your industry?                                 | 80         |
| 8  | The opportunities provided are sufficient within the curriculum for hands-on experience, such as internships, labs, or projects | 84         |
| 9  | The curriculum incorporate emerging technologies and current trends in engineering  | 80         |





### **Descriptive Employer Feedback Analysis:**

Based on analysis of feedback given by various Industry persons and employers it is observed that

#### **1. Comments :**

- Technical skills offered in the different courses
- Various Interpersonal skills included in the courses
- Contents of the courses provide good knowledge to students

#### **2. Insights :**

- Technical challenges in real world
- Technology advancements

### **Summary of Findings:**

#### **1. Strengths identified:**

- Internships and trainings offered to students
- Key areas of the industries are covered in the various courses

#### **2. Areas for Improvement :**

- Focus on addressing social relevant issues
- Needs project based / project centric learning
- Research and Innovations



  
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## Action taken Report for AY 2023-24 based on Employer Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Innovation and Problem Solving skills - Needs to focus on innovation and product development

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- Professional and Elective courses offered like Entrepreneurship Development, Research Methodology, Product life cycle management to improve problem solving skills, critical thinking and generate ideas for product developments.



  
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# Stakeholder's Feedback Analysis

And

Action taken Reports

A.Y. 2023-24



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### Key Indicator -1.4.1.2 Feedback Analysis and Action Taken Reports

| Sr. No. | Feedback on curriculum               |
|---------|--------------------------------------|
| 1       | Alumni Feedback Analysis (2023-24)   |
| 2       | Faculty Feedback Analysis (2023-24)  |
| 3       | Students Feedback Analysis (2023-24) |
| 4       | Parents Feedback Analysis (2023-24)  |
| 5       | Employer Feedback Analysis (2023-24) |



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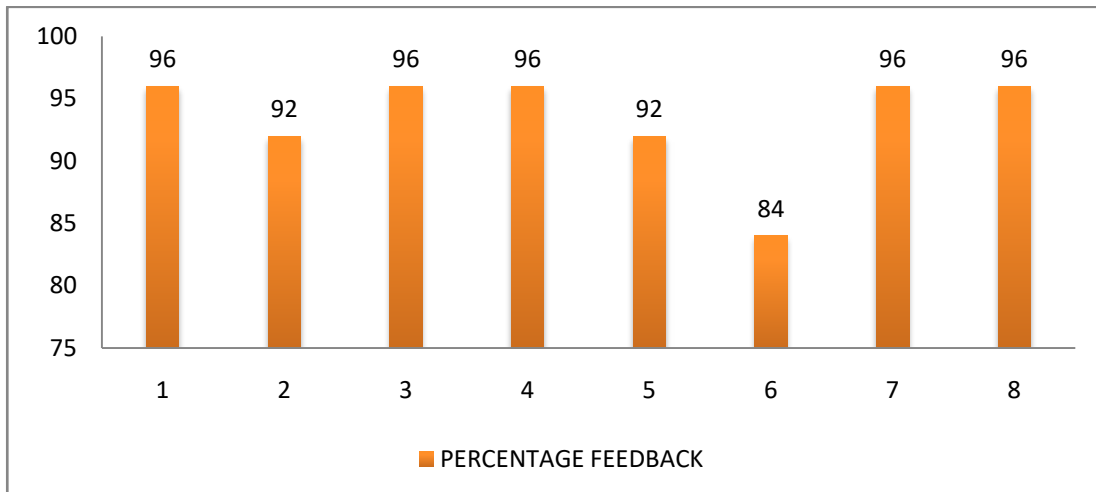
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### 1.4.1.2 Feedback System – Alumni Feedback Results

| Sr.No | Parameter   | %age Feedback |
|-------|---|---------------|
| 1     | How well did the curriculum prepare you for your career goals and professional responsibilities?                                | 96            |
| 2     | How comprehensive was the curriculum in covering the core topics and skills necessary for your field of work?                   | 92            |
| 3     | To what extent did the curriculum provide you with practical experience (e.g. labs, internships, projects)?                     | 96            |
| 4     | How well did the curriculum equip you with the technical skills needed in your profession?                                      | 96            |
| 5     | How effectively did the curriculum address the development of soft skills such as communication, teamwork, and problem-solving? | 92            |
| 6     | How well did the curriculum prepare you to adapt to changes and advancements in the engineering industry?                       | 84            |
| 7     | How would you rate the clarity and organization of the curriculum's structure and course sequencing?                            | 96            |
| 8     | How balanced was the workload and academic demand of the curriculum?  | 96            |

### Alumni Feedback Results




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## Descriptive Alumni Feedback Analysis:

Based on analysis of feedback given by Alumni it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Quality of reference material is good
- Curriculum provides the practical experience
- Curriculum helps in improving the technical skills

### 2. Insights :

- Assessment and Evaluation Methods are satisfactory
- Curriculum is Relevant with and Real-World Applications
- Found motivation and support from instructor
- Focus required to bridge the gap between Industry and Academia

## Summary of Findings:

### 1. Strengths identified:

Curriculum covers the technical skills and provides the practical experience.  
Development of Soft skills

### 2. Areas for Improvement :

Hands –on training can be further improved  
Some courses may be considered to minimize the gap between industry requirements



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## Action taken Report for AY 2023-24 based on

### Alumni Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

1. Adapt to changes and advancements in the engineering industry

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.



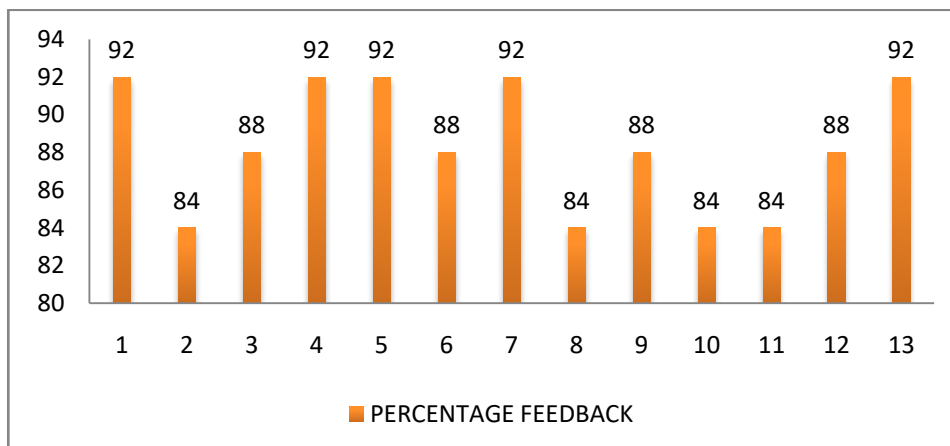
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### 1.4.1.2 Feedback System – Faculty Feedback Results

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How clear are the learning objectives of the course?   | 92         |
| 2  | Do the learning objectives align well with the course content?   | 84         |
| 3  | How would you rate the quality of the course materials provided(e.g. textbooks, articles, online resources)?                       | 88         |
| 4  | Is the course material relevant and up to date with current academic and industry standards?                                       | 92         |
| 5  | Does the content cover necessary topics adequately, without being too broad or too narrow?   | 92         |
| 6  | Are the instructional methods (e.g. lectures, discussions, projects) well aligned with the learning outcomes?                      | 88         |
| 7  | How effective are the teaching methods in engaging students and facilitating their learning.                                       | 92         |
| 8  | Is technology used effectively in the course to enhance learning (e.g. online platforms, multimedia tools)?                        | 84         |
| 9  | Are the assessment methods (e.g exams, assignments) well aligned with the learning objectives?                                     | 88         |
| 10 | Are the assessments clear, fair and effectively communicated to students?  | 84         |
| 11 | Are the feedback mechanisms (e.g timely grading, constructive comments) effective in helping students improve?                     | 84         |
| 12 | Are the strategies used to engage students(e.g. interactive activities, discussions) effective?                                    | 88         |
| 13 | Are sufficient resources and support available to assist students with their learning needs(e.g. office hours, academic advising)? | 92         |

### Faculty Feedback Results





## Descriptive Faculty Feedback Analysis:

Based on analysis of feedback given by Faculty it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Objectives are well defined
- Effective teaching methods
- Assessments methods aligned with course objectives

### 2 Insights :

- Quality of Learning material is good
- Supportive environment
- Use of online platforms and tools

### Summary of Findings:

#### 1. Strengths identified:

Learning outcomes

Content of the curriculum

#### 2. Areas for Improvement :

Need for Advanced software

Inculcate self-learning



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## Action taken Report for AY 2023-24 based on

### Faculty Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Advanced technology for solving real life problems

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I, EDI-II, Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.



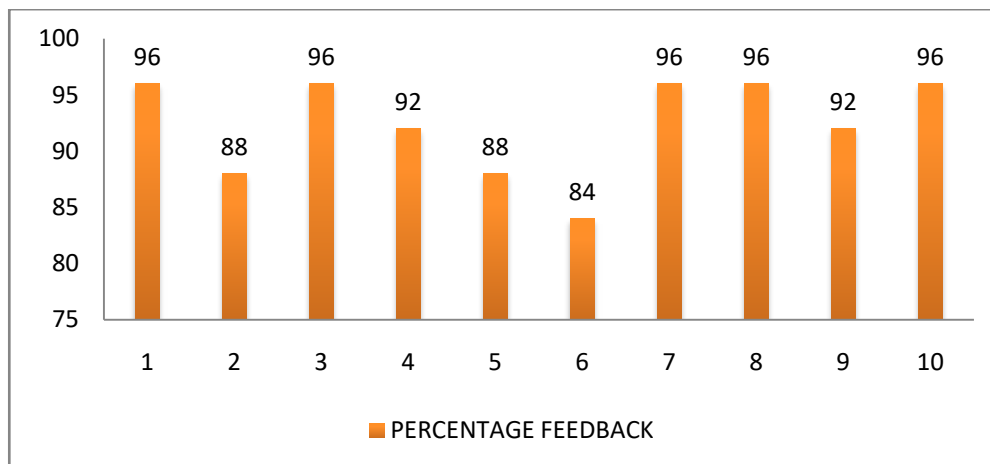
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### 1.4.1.2 Feedback System – Student Feedback Results

| SN | Parameter   | % Feedback |
|----|---|------------|
| 1  | How relevant do you find the current courses to your future career in engineering?  | 96         |
| 2  | How would you rate the depth and breadth of the course content?   | 88         |
| 3  | How effective is the structure of the courses(e.g. organizations, pacing and progression)   | 96         |
| 4  | How would you rate the quality and usefulness of the learning materials(e.g. textbooks, online resources, and lab equipment)            | 92         |
| 5  | Do the courses provide sufficient opportunities for practical application of theoretical knowledge(e.g. labs, projects and internships) | 88         |
| 6  | How effective are the instructors in delivering course material and engaging students?  | 84         |
| 7  | How accessible and supportive are the instructors outside of the class(e.g. office hours, feedback on assignments)                      | 96         |
| 8  | How well do you think the overall curriculum is designed to cover essential topics and skills in your field of study?                   | 96         |
| 9  | How would you rate the workload of the courses(e.g. balance of assignments, exams and projects)   | 92         |
| 10 | How conducive is the classroom environment to learning(e.g. facilities, technology, class size)   | 96         |

### Student Feedback Results



  
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## Descriptive Student Feedback Analysis:

Based on analysis of feedback given by students it is observed that

### 1. Comments :

- Courses are as per future career requirements
- Well structure and contents of the courses
- Effective teaching methods
- Quality learning materials

### 2. Insights :

- Skills required in domain wise industries
- Module wise courses
- Environment of class and conduction of practical

## Summary of Findings:

### 1. Strengths identified:

Good support and career guidance  
Technical events and workshops

### 2. Areas for Improvement :

Need for guidance of research and patents  
Competitive Examinations



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## Action taken Report for AY 2023-24 based on

### Student Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Use of Practical knowledge and skills in real life applications

Following points are implemented

- GATE Sessions started for students.
- EDI- I, EDI-II, SoftSkills, courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.
- Python Programming course offered to develop coding knowledge
- Students encouraged to enrol for NPTEL and SWAYAM courses



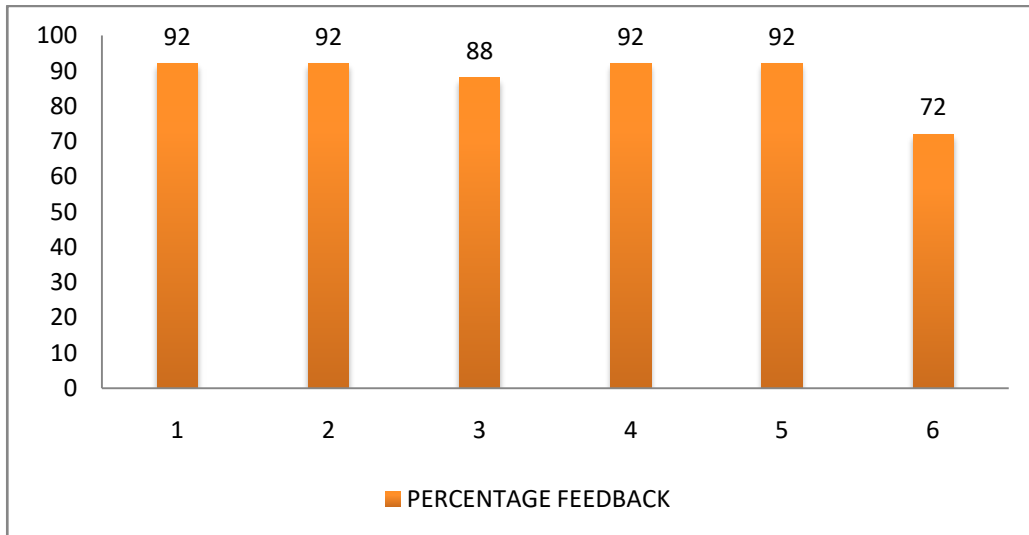
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### 1.4.1.2 Feedback System – Parent Feedback Results

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How well do you believe the current curriculum aligns with your child's career goals and aspirations in engineering?         | 92         |
| 2  | How comprehensive is the curriculum in covering essential subjects and skills necessary for a successful engineering career? | 92         |
| 3  | How effectively does the curriculum integrate practical experience such as labs and internships, or projects?                | 88         |
| 4  | How engaged is your child with the curriculum and the course material?   | 92         |
| 5  | How adequate are the support and resources provided to students (e.g academic advising, career services, learning materials) | 92         |
| 6  | How would you rate the balance of workload and academic demands in the curriculum?   | 72         |
| 7  | How clear and well-organised do you find the curriculum's structure and course sequencing?                                   | 96         |
| 8  | How well do you think the curriculum prepares students for engineering industry and workforce?                               | 92         |

### Parent Feedback Results





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## Descriptive Parent Feedback Analysis:

Based on analysis of feedback given by parents it is observed that

### 1 Comments :

- Good curriculum
- Well contents of the courses as per skills required
- Good Academics and Discipline in the department

### 2. Insights :

- More industry connect required

## Summary of Findings:

### 1. Strengths identified:

GFM system is good for motivation and guidance of students

Workload balance is satisfactory

### 2. Areas for Improvement :

Focus on addressing social relevant issues

Needs project based / project centric learning



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## Action taken Report for AY 2023-24 based on Parent Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Career Goals - Needs to include courses focused on improving business acumen rather than jobs

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- New Product Design and Development, Entrepreneurship Development, AIML courses offered to students to improve business acumen and management-based courses can be offered.



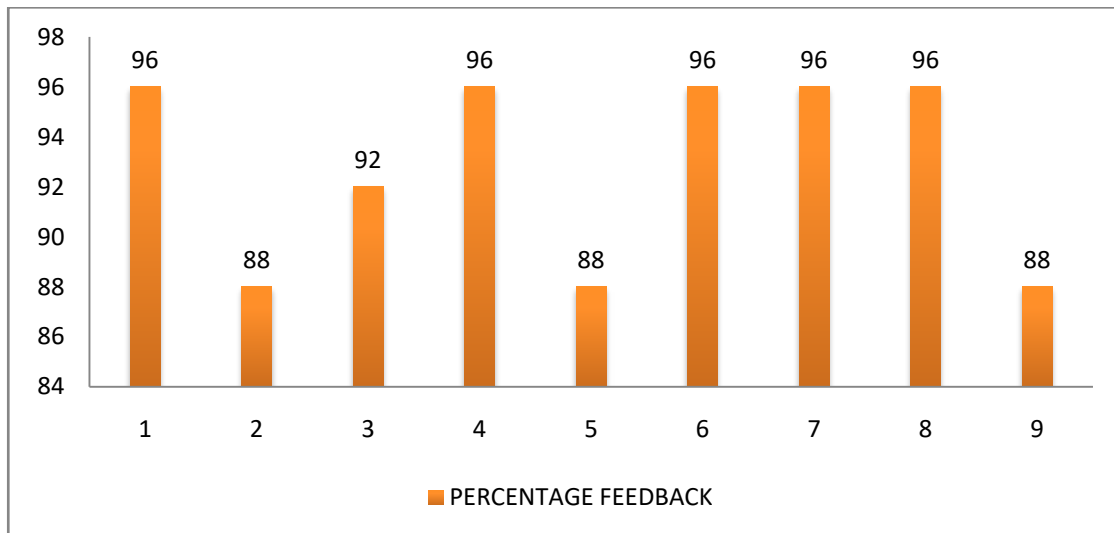
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### 1.4.1.1 Feedback System – Employer Feedback Results

| SN | Parameter   | % Feedback |
|----|---|------------|
| 1  | How well does the current engineering curriculum align with the skills and knowledge required in your industry?                     | 96         |
| 2  | How effectively does the curriculum prepare graduates with the technical skills needed for their roles in your organization?        | 88         |
| 3  | How well does the curriculum address the development of essential soft skills (e.g. communication, teamwork, problem-solving)?      | 92         |
| 4  | How would you rate the overall competency of recent graduates from this curriculum in performing their job roles?                   | 96         |
| 5  | How well prepared are graduates for real world challenges and industry practices?   | 88         |
| 6  | How effectively do graduates demonstrate innovation and problem-solving skills that are critical in your industry?                  | 88         |
| 7  | How comprehensive is the curriculum in covering key areas of engineering relevant to your industry?                                 | 96         |
| 8  | How sufficient are the opportunities provided within the curriculum for hands-on experience, such as internships, labs or projects? | 96         |
| 9  | How well does the curriculum incorporate emerging technologies and current trends in engineering?                                   | 88         |

Employer Feedback Results




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## Descriptive Employer Feedback Analysis:

Based on analysis of feedback given by various Industry persons and employers it is observed that

### 1. Comments :

- Technical skills offered in the different courses
- Various soft skills included in the courses
- Contents of the courses provide good knowledge to students

### 2. Insights :

- Technical challenges in real world
- Technology advancements

## Summary of Findings:

### 1. Strengths identified:

Internships and trainings offered to students

Key areas of the industries are covered in the various courses

### 2. Areas for Improvement :

Focus on addressing social relevant issues

Needs project based / project centric learning

Research and Innovations



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## Action taken Report for AY 2023-24 based on

### Employer Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Innovation and Problem Solving skills - Needs to focus on innovation and product development

Emerging technologies and trends – Needs to improve critical thinking

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- Professional and Elective courses offered like Entrepreneurship Development, Research Methodology, Product life cycle management to improve problem solving skills, critical thinking and generate ideas for product developments.



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# Stakeholder's Feedback Analysis

And

Action taken Reports

A.Y. 2023-24



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**Key Indicator -1.4.1.2 Feedback Analysis and Action Taken Reports**

| Sr. No. | Feedback on curriculum               |
|---------|--------------------------------------|
| 1       | Alumni Feedback Analysis (2023-24)   |
| 2       | Faculty Feedback Analysis (2023-24)  |
| 3       | Students Feedback Analysis (2023-24) |
| 4       | Parents Feedback Analysis (2023-24)  |
| 5       | Employer Feedback Analysis (2023-24) |



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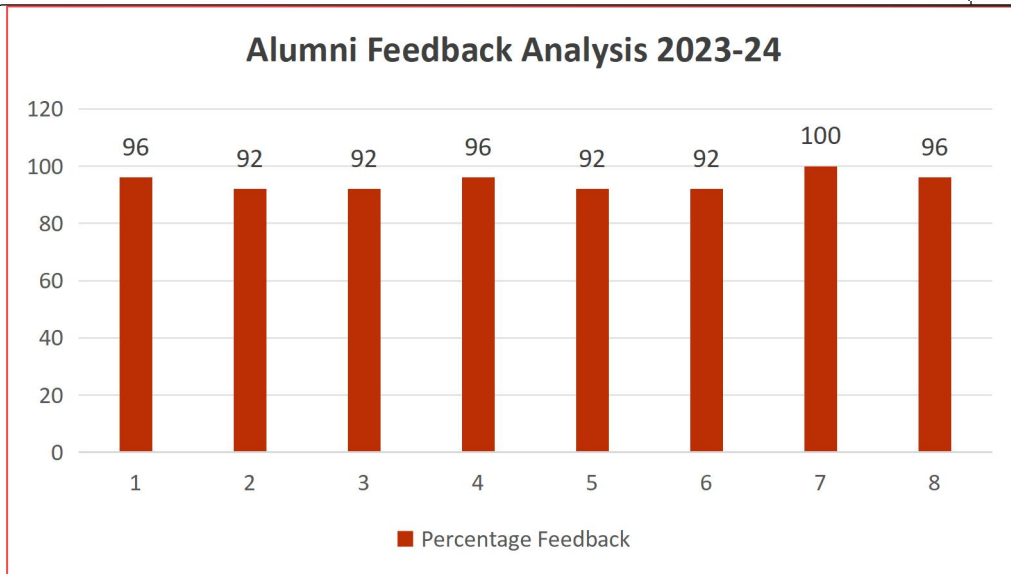
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### 1.4.1.2 Feedback System – Alumni Feedback Analysis

| Sr.No | Parameter   | %age Feedback |
|-------|---|---------------|
| 1     | How well did the curriculum prepare you for your career goals and professional responsibilities                                 | 96            |
| 2     | How comprehensive was the curriculum in covering the core topics and skills necessary for your field of work?                   | 92            |
| 3     | To what extent did the curriculum provide you with practical experience (e.g. labs, internships, projects)                      | 92            |
| 4     | How well did the curriculum equip you with the technical skills needed in your profession?                                      | 96            |
| 5     | How effectively did the curriculum address the development of soft skills such as communication, teamwork, and problem-solving? | 92            |
| 6     | How well did the curriculum prepare you to adapt to changes and advancements in the engineering industry?                       | 92            |
| 7     | How would you rate the clarity and organization of the curriculum's structure and course sequencing?                            | 100           |
| 8     | How balanced was the workload and academic demand of the curriculum?  | 96            |



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## Descriptive Alumni Feedback Analysis:

Based on analysis of feedback given by Alumni it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Quality of reference material is good
- Curriculum provides the practical experience
- Curriculum helps in improving the technical skills

### 2. Insights :

- Assessment and Evaluation Methods are satisfactory
- Curriculum is Relevant with and Real-World Applications
- Found motivation and support from instructor
- Focus required to bridge the gap between Industry and Academia

### Summary of Findings:

#### 1. Strengths identified:

Curriculum is a mix of hands on practical and theory.

#### 2. Areas for Improvement :

More focus should be given on projects and team building activity.

Some courses may be considered to minimize the gap between industry requirements.

Startup related activities need to be increased.



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**Action taken Report for AY 2023-24 based on  
Alumni Feedback Analysis**

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.
- Innovation and Entrepreneurship course is offered to equip students with the skills, mindset, and practical tools to identify opportunities, develop innovative business models, and effectively launch and grow ventures in a dynamic market environment.

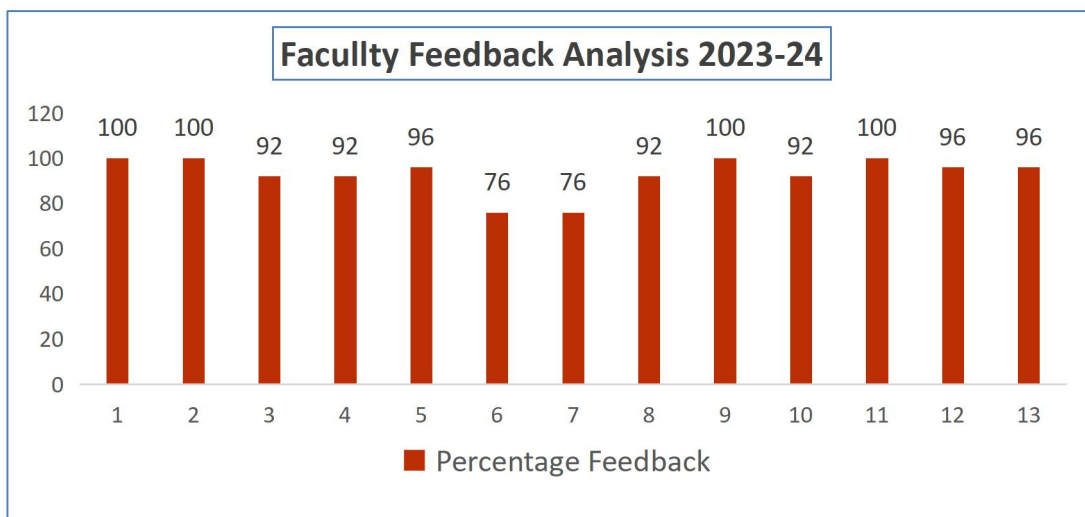


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### 1.4.1.2 Feedback System – Faculty Feedback Analysis

| SN | Parameter   | % Feedback |
|----|---|------------|
| 1  | How clear are the learning objectives of the course?  | 100        |
| 2  | Do the learning objectives align well with the course content?  | 100        |
| 3  | How would you rate the quality of the course materials provided(e.g. textbooks, articles, online resources)                       | 92         |
| 4  | Is the course material relevant and up to date with current academic and industry standards?                                      | 92         |
| 5  | Does the content cover necessary topics adequately, without being too broad or too narrow?  | 96         |
| 6  | Are the instructional methods (e.g. lectures, discussions, projects) well aligned with the learning outcomes?                     | 76         |
| 7  | How effective are the teaching methods in engaging students and facilitating their learning.                                      | 76         |
| 8  | Is technology used effectively in the course to enhance learning(e.g. online platforms, multimedia tools)?                        | 92         |
| 9  | Are the assessment methods (e.g exams, assignments) well aligned with the learning objectives?                                    | 100        |
| 10 | Are the assessments clear, fair and effectively communicated to students?   | 92         |
| 11 | Are the feedback mechanisms (e.g timely grading, constructive comments) effective in helping students improve?                    | 100        |
| 12 | Are the strategies used to engage students(e.g. interactive activities, discussions) effective?                                   | 96         |
| 13 | Are sufficient resources and support available to assist students with their learning needs(e.g. office hours, academic advising) | 96         |





## Descriptive Faculty Feedback Analysis:

Based on analysis of feedback given by Faculty it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Objectives are well defined
- Effective teaching methods
- Assessments methods aligned with course objectives

### 2 Insights :

- Quality of Learning material is good
- Supportive environment
- Use of online platforms and tools

### Summary of Findings:

#### 1. Strengths identified:

Learning outcomes

Content of the curriculum

#### 2. Areas for Improvement :

Need for Advanced software

Inculcate self-learning



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## Action taken Report for AY 2023-24 based on Faculty Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

The teaching methods in engaging students and facilitating their learning.

Are the instructional methods (e.g. lectures, discussions, projects) well aligned with the learning outcomes?

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- Soft Skills course offered to increase the focus on hands on component in curriculum and addressing the real life problems.
- Some effective teaching methods Incorporated: multimedia presentations, real-world case studies, and guest speakers to make lectures dynamic and relatable.



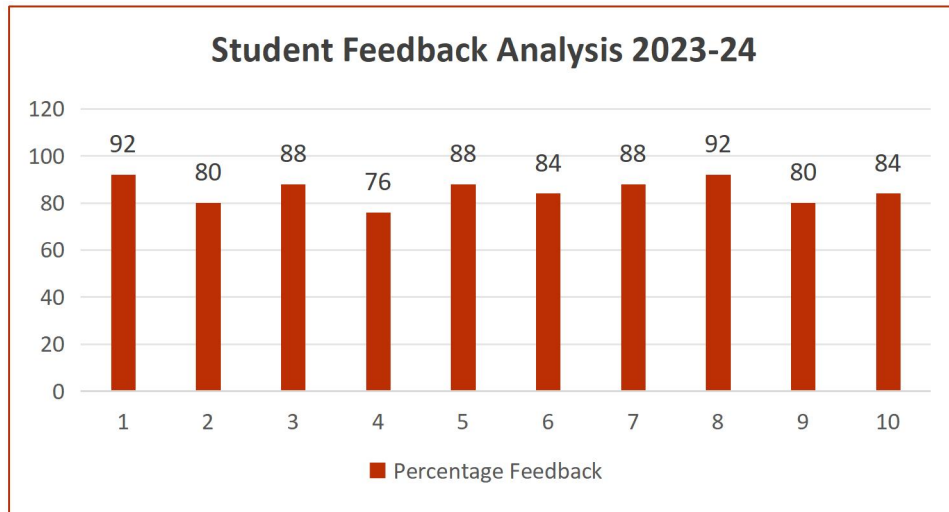
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### 1.4.1.2 Feedback System – Student Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How relevant do you find the current courses to your future career in engineering?   | 92         |
| 2  | How would you rate the depth and breadth of the course content?  | 80         |
| 3  | How effective is the structure of the courses(e.g. organizations, pacing and progression)  | 88         |
| 4  | How would you rate the quality and usefulness of the learning materials(e.g. textbooks, online resources, and lab equipment)           | 76         |
| 5  | Do the courses provide sufficient opportunities for practical application of theoretical knowledge(e.g. labs,projects and internships) | 88         |
| 6  | How effective are the instructors in delivering course material and engaging students?   | 84         |
| 7  | How accessible and supportive are the instructors outside of the class(e.g. office hours,feedback on assignments)                      | 88         |
| 8  | How well do you think the overall curriculum is designed to cover essential topics and skills in your field of study?                  | 92         |
| 9  | How would you rate the workload of the courses(e.g. balance of assignments, exams and projects)  | 80         |
| 10 | How conducive is the classroom environment to learning(e.g. facilities, technology, class size)  | 84         |



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## Descriptive Student Feedback Analysis:

Based on analysis of feedback given by students it is observed that

### 1. Comments :

- Courses are as per future career requirements
- Well structure and contents of the courses
- Effective teaching methods
- Quality learning materials

### 2. Insights :

- Skills required in domain wise industries
- Module wise courses
- Environment of class and conduction of practical

## Summary of Findings:

### 1. Strengths identified:

Good support and career guidance  
Technical events and workshops

### 2. Areas for Improvement :

Need for guidance of research and patents  
Competitive Examinations  
Skill Enhancement courses



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## Action taken Report for AY 2023-24 based on Student Feedback Analysis

Following points are implemented

- GATE Sessions started for students.
- Soft Skills course offered to increase the focus on hands on component in curriculum and addressing the real life problems.
- Python Programming course offered to develop coding knowledge
- Students encouraged to enrol for NPTEL and SWAYAM courses



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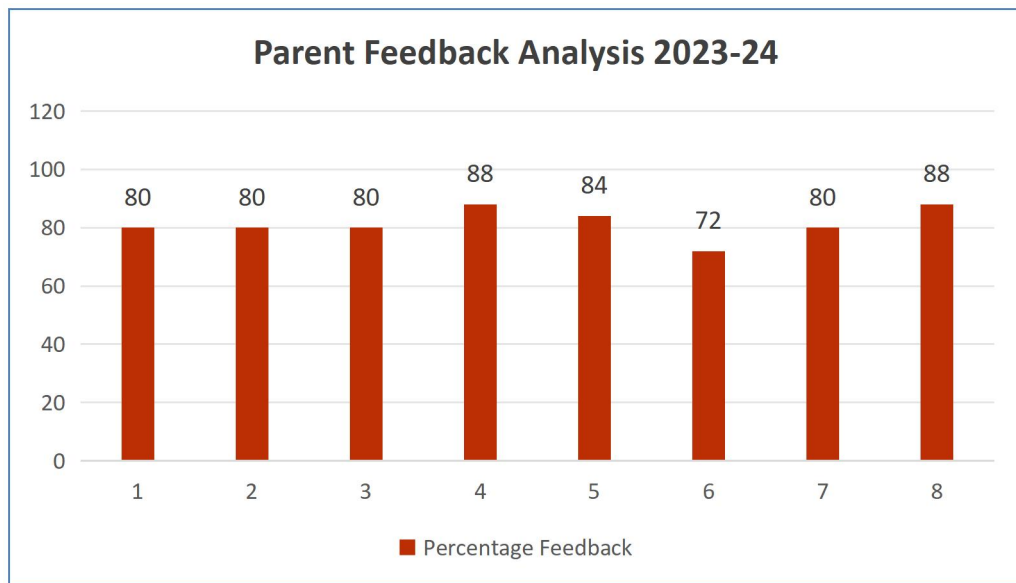
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### 1.4.1.2 Feedback System – Parent Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How well do you believe the current curriculum aligns with your child's career goals and aspirations in engineering?         | 80         |
| 2  | How comprehensive is the curriculum in covering essential subjects and skills necessary for a successful engineering career? | 80         |
| 3  | How effectively does the curriculum integrate practical experience such as labs and internships, or projects?                | 80         |
| 4  | How engaged is your child with the curriculum and the course material?   | 88         |
| 5  | How adequate are the support and resources provided to students (e.g academic advising, career services, learning materials) | 84         |
| 6  | How would you rate the balance of workload and academic demands in the curriculum?   | 72         |
| 7  | How clear and well-organised do you find the curriculum's structure and course sequencing?                                   | 80         |
| 8  | How well do you think the curriculum prepares students for engineering industry and workforce?                               | 88         |



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## Descriptive Parent Feedback Analysis:

Based on analysis of feedback given by parents it is observed that

### 1 Comments :

- Good curriculum
- Well contents of the courses as per skills required
- Good Academics and Discipline in the department

### 2. Insights :

- More industry connect required

### Summary of Findings:

#### 1. Strengths identified:

GFM system is good for motivation and guidance of students  
Workload balance is satisfactory

#### 2. Areas for Improvement :

Focus on addressing social relevant issues  
Needs project based / project centric learning



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## Action taken Report for AY 2023-24 based on

### Parent Feedback Analysis

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- New Product Design and Development, Entrepreneurship Development, AIML courses offered to students to improve business acumen and management-based courses can be offered.



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### 1.4.1.2 Feedback System – Employer Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How well does the current engineering curriculum align with the skills and knowledge required in your industry?                      | 75         |
| 2  | How effectively does the curriculum prepare graduates with the technical skills needed for their roles in your organization?         | 80         |
| 3  | How well does the curriculum address the development of essential soft skills (e.g., communication, teamwork, problem-solving)?      | 80         |
| 4  | How would you rate the overall competency of recent graduates from this curriculum in performing their job roles?                    | 85         |
| 5  | How well-prepared are graduates for real-world challenges and industry practices?  | 80         |
| 6  | How effectively do graduates demonstrate innovation and problem-solving skills that are critical in your industry?                   | 75         |
| 7  | How comprehensive is the curriculum in covering key areas of engineering relevant to your industry?                                  | 80         |
| 8  | How sufficient are the opportunities provided within the curriculum for hands-on experience, such as internships, labs, or projects? | 85         |
| 9  | How well does the curriculum incorporate emerging technologies and current trends in engineering?                                    | 75         |



  
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### **Descriptive Employer Feedback Analysis:**

Based on analysis of feedback given by various Industry persons and employers it is observed that

#### **1. Comments :**

- Technical skills offered in the different courses
- Various soft skills included in the courses
- Contents of the courses provide good knowledge to students

#### **2. Insights :**

- Technical challenges in real world
- Technology advancements

#### **Summary of Findings:**

##### **1. Strengths identified:**

Internships and trainings offered to students  
Key areas of the industries are covered in the various courses

##### **2. Areas for Improvement :**

Focus on addressing social relevant issues  
Needs project based / project centric learning  
Research and Innovations



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**Action taken Report for AY 2023-24 based on  
Employer Feedback Analysis**

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- Professional and Elective courses offered like Entrepreneurship Development, Research Methodology, Product life cycle management to improve problem solving skills, critical thinking and generate ideas for product developments.



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# Stakeholder's Feedback Analysis

And

## Action taken Reports

A.Y. 2023-24



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### Key Indicator -1.4.1.2 Feedback Analysis and Action Taken Reports

| Sr. No. | Feedback on curriculum               |
|---------|--------------------------------------|
| 1       | Faculty Feedback Analysis (2023-24)  |
| 2       | Students Feedback Analysis (2023-24) |
| 3       | Parents Feedback Analysis (2023-24)  |

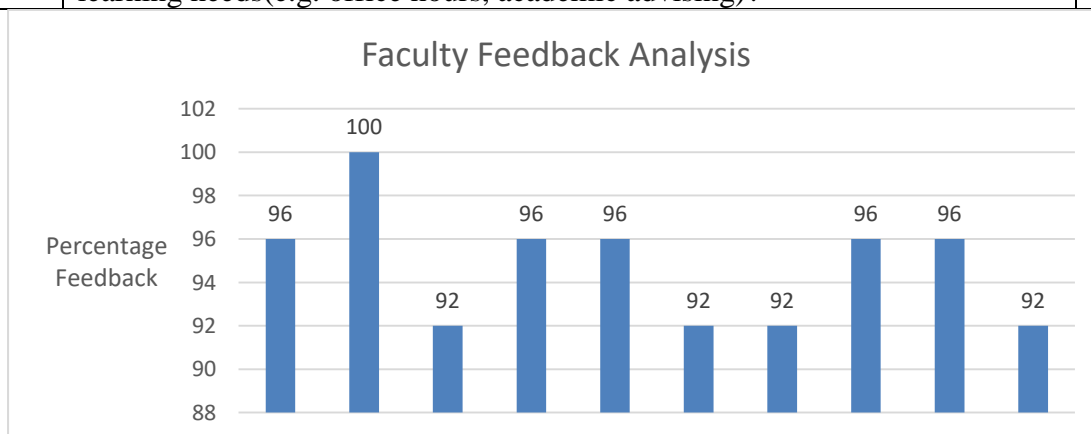


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### 1.4.1.1 Feedback System – Faculty Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How clear are the learning objectives of the course?   | 96         |
| 2  | Do the learning objectives align well with the course content?   | 100        |
| 3  | How would you rate the quality of the course materials provided(e.g. textbooks, articles, online resources)?                       | 92         |
| 4  | Is the course material relevant and up to date with current academic and industry standards?                                       | 96         |
| 5  | Does the content cover necessary topics adequately, without being too broad or too narrow?   | 96         |
| 6  | Are the instructional methods (e.g. lectures, discussions, projects) well aligned with the learning outcomes?                      | 92         |
| 7  | How effective are the teaching methods in engaging students and facilitating their learning.                                       | 92         |
| 8  | Is technology used effectively in the course to enhance learning (e.g. online platforms, multimedia tools)?                        | 96         |
| 9  | Are the assessment methods (e.g exams, assignments) well aligned with the learning objectives?                                     | 96         |
| 10 | Are the assessments clear, fair and effectively communicated to students?  | 92         |
| 11 | Are the feedback mechanisms (e.g timely grading, constructive comments) effective in helping students improve?                     | 96         |
| 12 | Are the strategies used to engage students(e.g. interactive activities, discussions) effective?                                    | 88         |
| 13 | Are sufficient resources and support available to assist students with their learning needs(e.g. office hours, academic advising)? | 92         |





## Descriptive Faculty Feedback Analysis:

Based on analysis of feedback given by Faculty it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Objectives are well defined
- Effective teaching methods
- Assessments methods aligned with course objectives

### 2 Insights :

- Quality of Learning material is good
- Supportive environment
- Use of online platforms and tools

### Summary of Findings:

#### 1. Strengths identified:

Learning outcomes

Content of the curriculum

#### 2. Areas for Improvement :

Need for Advanced software

Inculcate self-learning



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## Action taken Report for AY 2023-24 based on Faculty Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Advanced technology for solving real life problems

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I,EDI-II,Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.

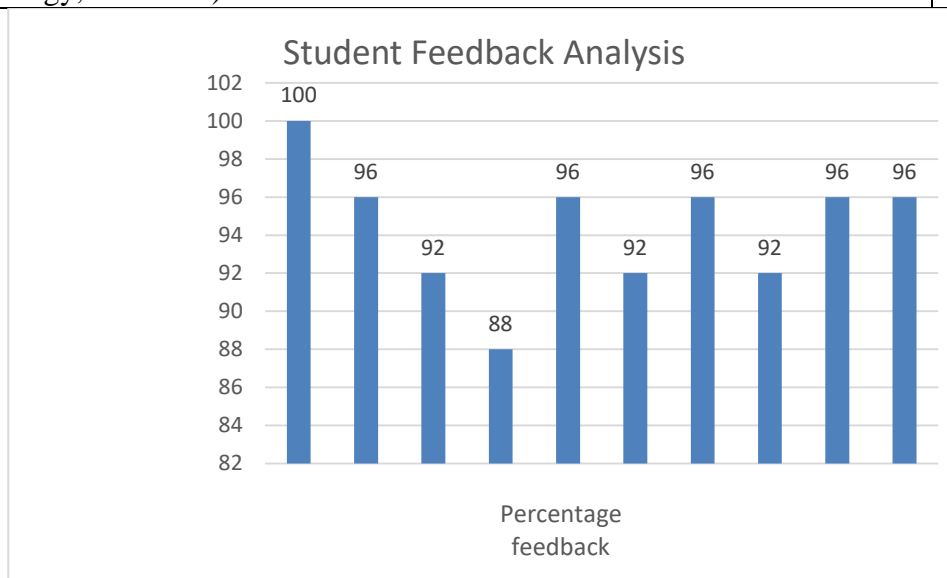
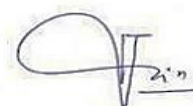


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### 1.4.1.2 Feedback System – Student Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How relevant do you find the current courses to your future career in engineering?   | 100        |
| 2  | How would you rate the depth and breadth of the course content?  | 96         |
| 3  | How effective is the structure of the courses(e.g. organizations, pacing and progression)  | 92         |
| 4  | How would you rate the quality and usefulness of the learning materials(e.g. textbooks, online resources, and lab equipment)           | 88         |
| 5  | Do the courses provide sufficient opportunities for practical application of theoretical knowledge(e.g. labs,projects and internships) | 96         |
| 6  | How effective are the instructors in delivering course material and engaging students?   | 92         |
| 7  | How accessible and supportive are the instructors outside of the class(e.g. office hours,feedback on assignments)                      | 96         |
| 8  | How well do you think the overall curriculum is designed to cover essential topics and skills in your field of study?                  | 92         |
| 9  | How would you rate the workload of the courses(e.g. balance of assignments, exams and projects)  | 96         |
| 10 | How conducive is the classroom environment to learning(e.g. facilities, technology, class size)  | 96         |

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## Descriptive Student Feedback Analysis:

Based on analysis of feedback given by students it is observed that

### 1. Comments :

- Courses are as per future career requirements
- Well structure and contents of the courses
- Effective teaching methods
- Quality learning materials

### 2. Insights :

- Skills required in domain wise industries
- Module wise courses
- Environment of class and conduction of practical

## Summary of Findings:

### 1. Strengths identified:

Good support and career guidance  
Technical events and workshops

### 2. Areas for Improvement :

Need for guidance of research and patents  
Competitive Examinations



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## Action taken Report for AY 2023-24 based on Student Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Use of Practical knowledge and skills in real life applications

Following points are implemented

- GATE Sessions started for students.
- EDI- I, EDI-II, Soft Skills, courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.
- Python Programming course offered to develop coding knowledge
- Students encouraged to enrol for NPTEL and SWAYAM courses

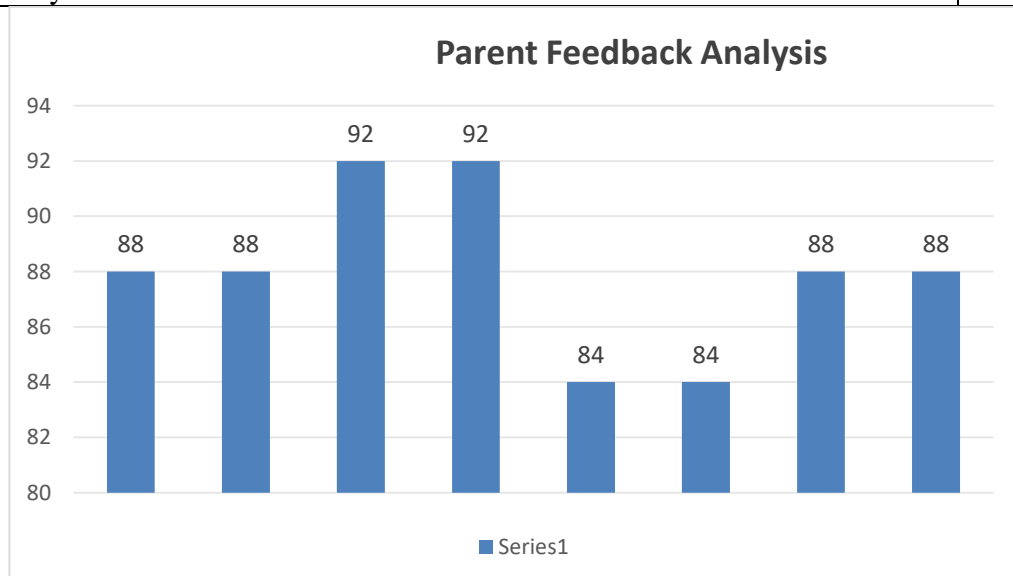
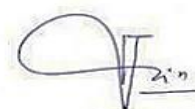


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### 1.4.1.2 Feedback System – Parent Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How well do you believe the current curriculum aligns with your child's career goals and aspirations in engineering?         | 88         |
| 2  | How comprehensive is the curriculum in covering essential subjects and skills necessary for a successful engineering career? | 88         |
| 3  | How effectively does the curriculum integrate practical experience such as labs and internships, or projects?                | 92         |
| 4  | How engaged is your child with the curriculum and the course material?   | 92         |
| 5  | How adequate are the support and resources provided to students (e.g academic advising, career services, learning materials) | 84         |
| 6  | How would you rate the balance of workload and academic demands in the curriculum?   | 84         |
| 7  | How clear and well-organised do you find the curriculum's structure and course sequencing?                                   | 88         |
| 8  | How well do you think the curriculum prepares students for engineering industry and workforce?                               | 88         |

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Department of Computer Science And Business Systems



## Descriptive Parent Feedback Analysis:

Based on analysis of feedback given by parents it is observed that

### 1 Comments :

- Good curriculum
- Well contents of the courses as per skills required
- Good Academics and Discipline in the department

### 2. Insights :

- More industry connect required

## Summary of Findings:

### 1. Strengths identified:

GFM system is good for motivation and guidance of students

Workload balance is satisfactory

### 2. Areas for Improvement :

Focus on addressing social relevant issues

Needs project based / project centric learning



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## Action taken Report for AY 2023-24 based on Parent Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Career Goals - Needs to include courses focused on improving business acumen rather than jobs

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- New Product Design and Development, Entrepreneurship Development, AIML courses offered to students to improve business acumen and management-based courses can be offered.



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# Stakeholder's Feedback Analysis

And

Action taken Reports

A.Y. 2023-24



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**Key Indicator -1.4.1.2 Feedback Analysis and Action Taken Reports**

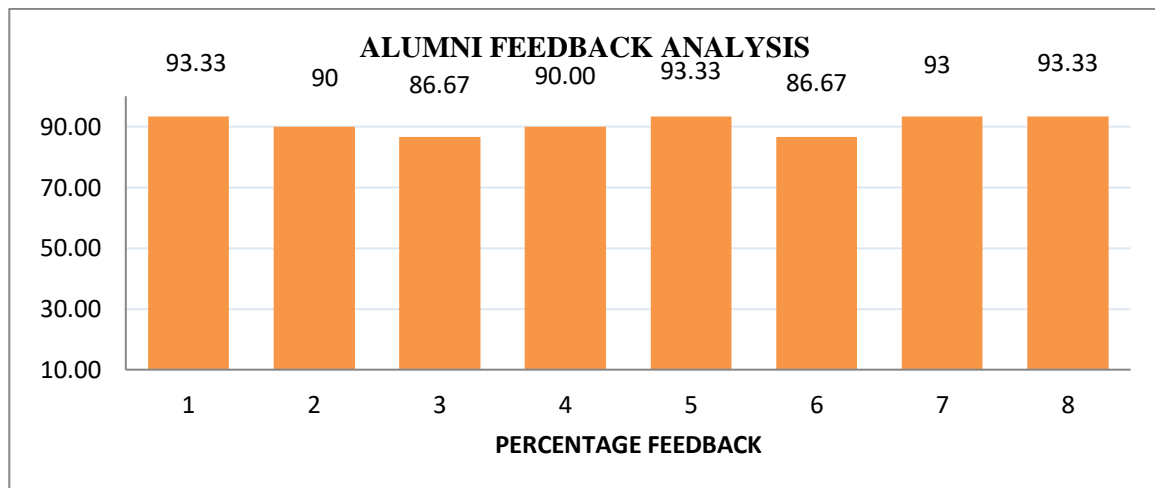
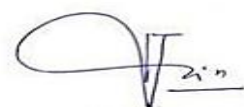
| Sr. No. | Feedback on curriculum               |
|---------|--------------------------------------|
| 1       | Alumni Feedback Analysis (2023-24)   |
| 2       | Faculty Feedback Analysis (2023-24)  |
| 3       | Students Feedback Analysis (2023-24) |
| 4       | Parents Feedback Analysis (2023-24)  |
| 5       | Employer Feedback Analysis (2023-24) |



  
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### 1.4.1.2 Feedback System – Alumni Feedback Analysis

| Sr.No | Parameter   | %age Feedback |
|-------|---|---------------|
| 1     | How well did the curriculum prepare you for your career goals and professional responsibilities                                 | 93.33         |
| 2     | How comprehensive was the curriculum in covering the core topics and skills necessary for your field of work?                   | 90            |
| 3     | To what extent did the curriculum provide you with practical experience (e.g. labs, internships, projects)                      | 86.67         |
| 4     | How well did the curriculum equip you with the technical skills needed in your profession?                                      | 90.00         |
| 5     | How effectively did the curriculum address the development of soft skills such as communication, teamwork, and problem-solving? | 93.33         |
| 6     | How well did the curriculum prepare you to adapt to changes and advancements in the engineering industry?                       | 86.67         |
| 7     | How would you rate the clarity and organization of the curriculum's structure and course sequencing?                            | 93            |
| 8     | How balanced was the workload and academic demand of the curriculum?  | 93.33         |

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### **Descriptive Alumni Feedback Analysis:**

Based on analysis of feedback given by Alumni it is observed that

#### **1. Comments :**

- Overall Curriculum is Satisfactory
- Quality of reference material is good
- Curriculum provides the practical experience
- Curriculum helps in improving the technical skills

#### **2. Insights :**

- Assessment and Evaluation Methods are satisfactory
- Curriculum is Relevant with and Real-World Applications
- Found motivation and support from instructor
- Focus required to bridge the gap between Industry and Academia

### **Summary of Findings:**

#### **1. Strengths identified:**

Curriculum covers the technical skills and provides the practical experience.

Development of Soft skills

#### **2. Areas for Improvement :**

Hands –on training can be further improved

Some courses may be considered to minimize the gap between industry requirements



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## Action taken Report for AY 2023-24 based on

### Alumni Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

1. Adapt to changes and advancements in the engineering industry

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I,EDI-II,Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.



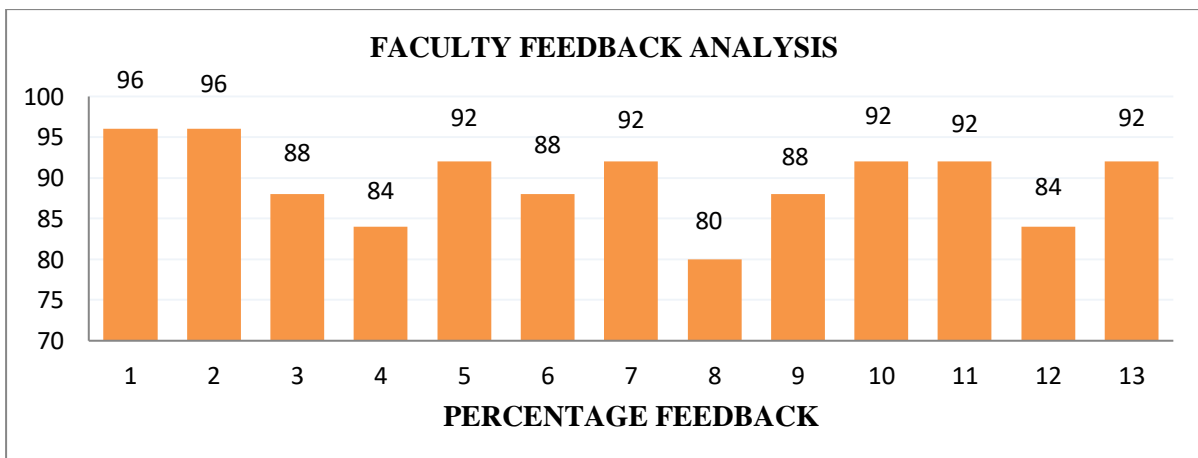
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### 1.4.1.2 Feedback System – Faculty Feedback Analysis

| SN | Parameter   | % Feedback |
|----|---|------------|
| 1  | How clear are the learning objectives of the course?  | 96         |
| 2  | Do the learning objectives align well with the course content?  | 96         |
| 3  | How would you rate the quality of the course materials provided(e.g. textbooks, articles, online resources)                       | 88         |
| 4  | Is the course material relevant and up to date with current academic and industry standards?                                      | 84         |
| 5  | Does the content cover necessary topics adequately, without being too broad or too narrow?  | 92         |
| 6  | Are the instructional methods (e.g. lectures, discussions, projects) well aligned with the learning outcomes?                     | 88         |
| 7  | How effective are the teaching methods in engaging students and facilitating their learning.                                      | 92         |
| 8  | Is technology used effectively in the course to enhance learning (e.g. online platforms, multimedia tools)?                       | 80         |
| 9  | Are the assessment methods (e.g. exams, assignments) well aligned with the learning objectives?                                   | 88         |
| 10 | Are the assessments clear, fair and effectively communicated to students?   | 92         |
| 11 | Are the feedbacks mechanisms (e.g. timely grading, constructive comments) effective in helping students improve?                  | 92         |
| 12 | Are the strategies used to engage students (e.g. interactive activities, discussions) effective?                                  | 84         |
| 13 | Are sufficient resources and support available to assist students with their learning needs(e.g. office hours, academic advising) | 92         |





### Descriptive Faculty Feedback Analysis:

Based on analysis of feedback given by Faculty it is observed that

#### 1. Comments :

- Overall Curriculum is Satisfactory
- Objectives are well defined
- Effective teaching methods
- Assessments methods aligned with course objectives

#### 2 Insights :

- Quality of Learning material is good
- Supportive environment
- Use of online platforms and tools

### Summary of Findings:

#### 1. Strengths identified:

Learning outcomes

Content of the curriculum

#### 2. Areas for Improvement :

Need for Advanced software

Inculcate self-learning



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**Action taken Report for AY 2023-24 based on  
Faculty Feedback Analysis**

The average score for the following questions are found to be low (i.e. less than 80%)

Advanced technology for solving real life problems

Following points are implemented

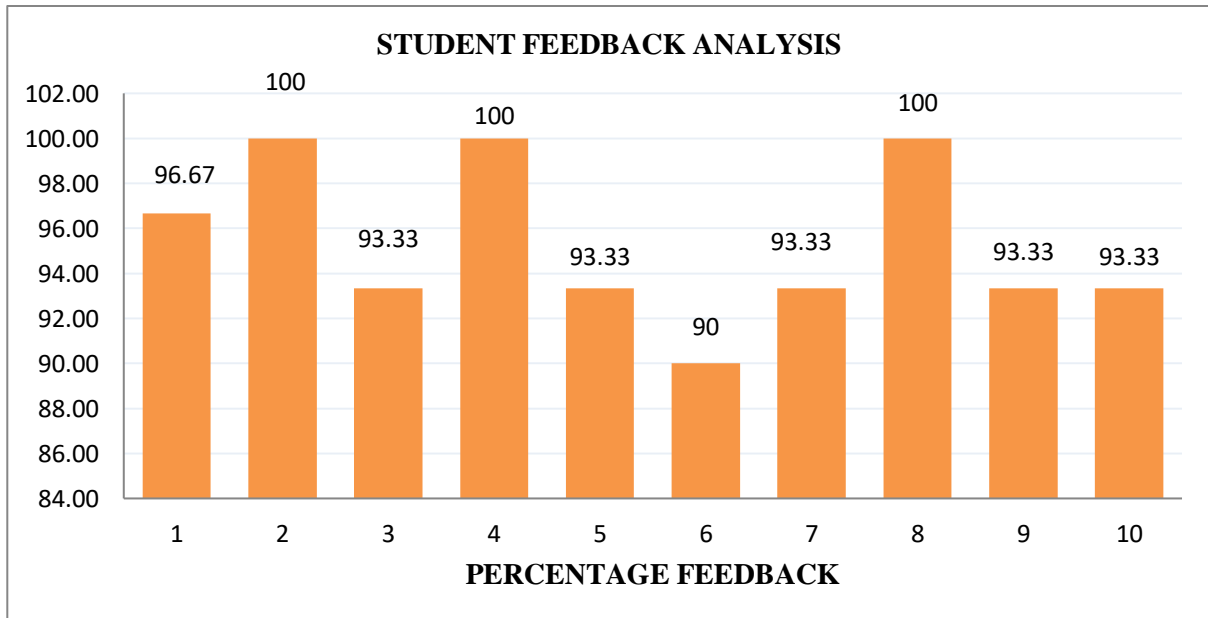
- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I,EDI-II,Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.



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### 1.4.1.2 Feedback System – Student Feedback Analysis

| SN | Parameter   | % Feedback |
|----|---|------------|
| 1  | How relevant do you find the current courses to your future career in engineering?  | 96.67      |
| 2  | How would you rate the depth and breadth of the course content?   | 100        |
| 3  | How effective is the structure of the courses(e.g. organizations, pacing and progression)   | 93.33      |
| 4  | How would you rate the quality and usefulness of the learning materials(e.g. textbooks, online resources, and lab equipment)            | 100        |
| 5  | Do the courses provide sufficient opportunities for practical application of theoretical knowledge(e.g. labs, projects and internships) | 93.33      |
| 6  | How effective are the instructors in delivering course material and engaging students?  | 90         |
| 7  | How accessible and supportive are the instructors outside of the class(e.g. office hours, feedback on assignments)                      | 93.33      |
| 8  | How well do you think the overall curriculum is designed to cover essential topics and skills in your field of study?                   | 100        |
| 9  | How would you rate the workload of the courses(e.g. balance of assignments, exams and projects)   | 93.33      |
| 10 | How conducive is the classroom environment to learning(e.g. facilities, technology, class size)   | 93.33      |



  
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## Descriptive Student Feedback Analysis:

Based on analysis of feedback given by students it is observed that

### 1. Comments :

- Courses are as per future career requirements
- Well structure and contents of the courses
- Effective teaching methods
- Quality learning materials

### 2. Insights :

- Skills required in domain wise industries
- Module wise courses
- Environment of class and conduction of practical

## Summary of Findings:

### 1. Strengths identified:

Good support and career guidance  
Technical events and workshops

### 2. Areas for Improvement :

Need for guidance of research and patents  
Competitive Examinations



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## Action taken Report for AY 2023-24 based on Student Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Use of Practical knowledge and skills in real life applications

Following points are implemented

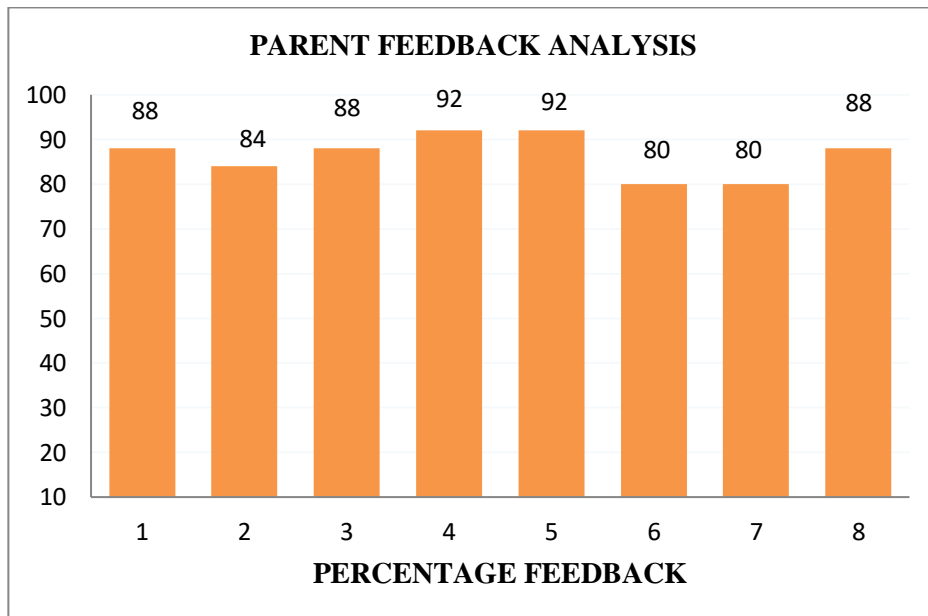
- GATE Sessions started for students.
- EDI- I, EDI-II, Soft Skills, courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.
- Python Programming course offered to develop coding knowledge
- Students encouraged to enrol for NPTEL and SWAYAM courses



  
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### 1.4.1.2 Feedback System – Parent Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How well do you believe the current curriculum aligns with your child's career goals and aspirations in engineering?         | 88         |
| 2  | How comprehensive is the curriculum in covering essential subjects and skills necessary for a successful engineering career? | 84         |
| 3  | How effectively does the curriculum integrate practical experience such as labs and internships, or projects?                | 88         |
| 4  | How engaged is your child with the curriculum and the course material?   | 92         |
| 5  | How adequate are the support and resources provided to students (e.g academic advising, career services, learning materials) | 92         |
| 6  | How would you rate the balance of workload and academic demands in the curriculum?   | 80         |
| 7  | How clear and well-organised do you find the curriculum's structure and course sequencing?                                   | 80         |
| 8  | How well do you think the curriculum prepares students for engineering industry and workforce?                               | 88         |



  
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## Descriptive Parent Feedback Analysis:

Based on analysis of feedback given by parents it is observed that

### 1 Comments :

- Good curriculum
- Well contents of the courses as per skills required
- Good Academics and Discipline in the department

### 2. Insights :

- More industry connect required

## Summary of Findings:

### 1. Strengths identified:

GFM system is good for motivation and guidance of students

Workload balance is satisfactory

### 2. Areas for Improvement :

Focus on addressing social relevant issues

Needs project based / project centric learning



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## Action taken Report for AY 2023-24 based on

### Parent Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Career Goals - Needs to include courses focused on improving business acumen rather than jobs

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- New Product Design and Development, Entrepreneurship Development, AIML courses offered to students to improve business acumen and management-based courses can be offered.

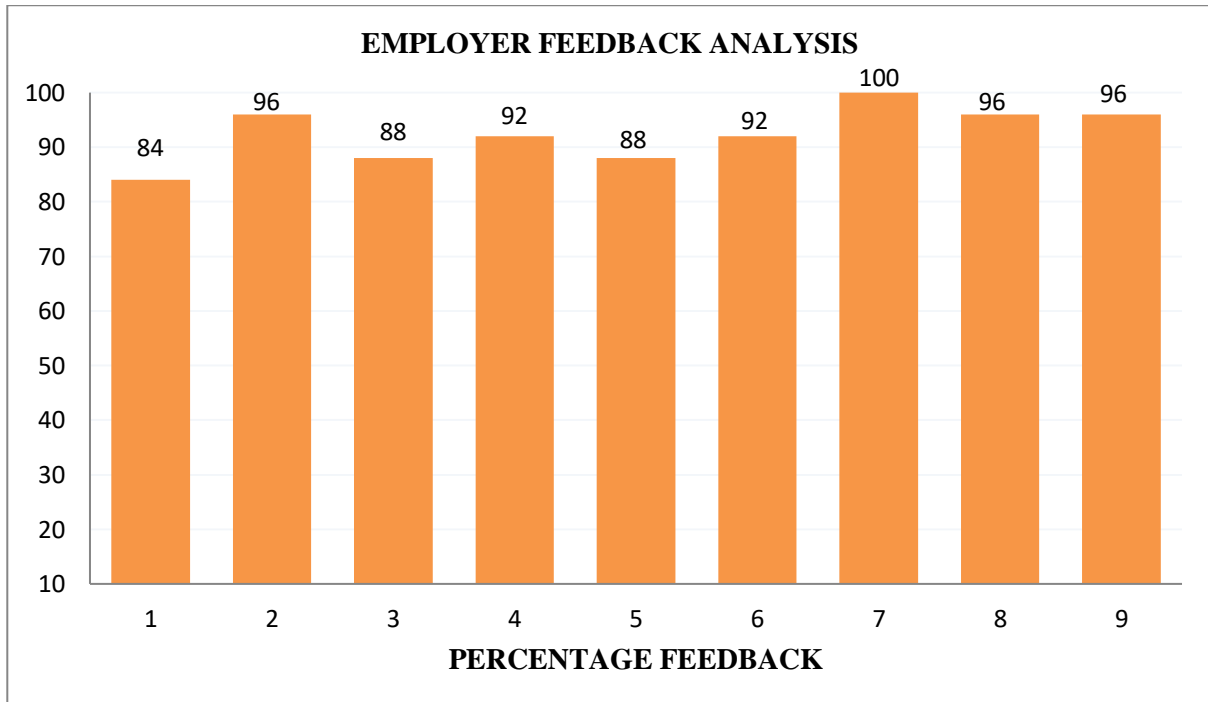


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### 1.4.1.2 Feedback System – Employer Feedback Analysis

| SN | Parameter   | % Feedback |
|----|---|------------|
| 1  | How well does the current engineering curriculum align with the skills and knowledge required in industry?                            | 84         |
| 2  | How effectively does the curriculum prepare graduates with the technical skills needed for their roles in your organization?          | 96         |
| 3  | How well does the curriculum address the development of essential soft skills (e.g., communication, teamwork, problem-solving)?       | 88         |
| 4  | How would you rate the overall competency of recent graduates from this curriculum in performing their job roles?                     | 92         |
| 5  | How well-prepared are graduates for real-world challenges and industry practices?   | 88         |
| 6  | How effectively do graduates demonstrate innovation and problem-solving skills that are critical in your industry?                    | 92         |
| 7  | How comprehensive is the curriculum in covering key areas of engineering relevant to your industry?                                   | 100        |
| 8  | How Sufficient are the opportunities provided within the curriculum for hands-on experience, such as internships, labs, or projects ? | 96         |
| 9  | How well does the curriculum incorporate emerging technologies and current trends in engineering?                                     | 96         |





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## Descriptive Employer Feedback Analysis:

Based on analysis of feedback given by various Industry persons and employers it is observed that

### 1. Comments :

- Technical skills offered in the different courses
- Various soft skills included in the courses
- Contents of the courses provide good knowledge to students

### 2. Insights :

- Technical challenges in real world
- Technology advancements

## Summary of Findings:

### 1. Strengths identified:

Internships and trainings offered to students

Key areas of the industries are covered in the various courses

### 2. Areas for Improvement :

Focus on addressing social relevant issues

Needs project based / project centric learning

Research and Innovations



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## Action taken Report for AY 2023-24 based on

### Employer Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Innovation and Problem Solving skills - Needs to focus on innovation and product development

Emerging technologies and trends – Needs to improve critical thinking

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- Professional and Elective courses offered like Entrepreneurship Development, Research Methodology, Product life cycle management to improve problem solving skills, critical thinking and generate ideas for product developments.



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# Stakeholder's Feedback Analysis

And

## Action taken Reports

A.Y. 2023-24



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### Key Indicator -1.4.1.2 Feedback Analysis and Action Taken Reports

| Sr. No. | Feedback on Curriculum               |
|---------|--------------------------------------|
| 1       | Alumni Feedback Analysis (2023-24)   |
| 2       | Faculty Feedback Analysis (2023-24)  |
| 3       | Students Feedback Analysis (2023-24) |
| 4       | Parents Feedback Analysis (2023-24)  |

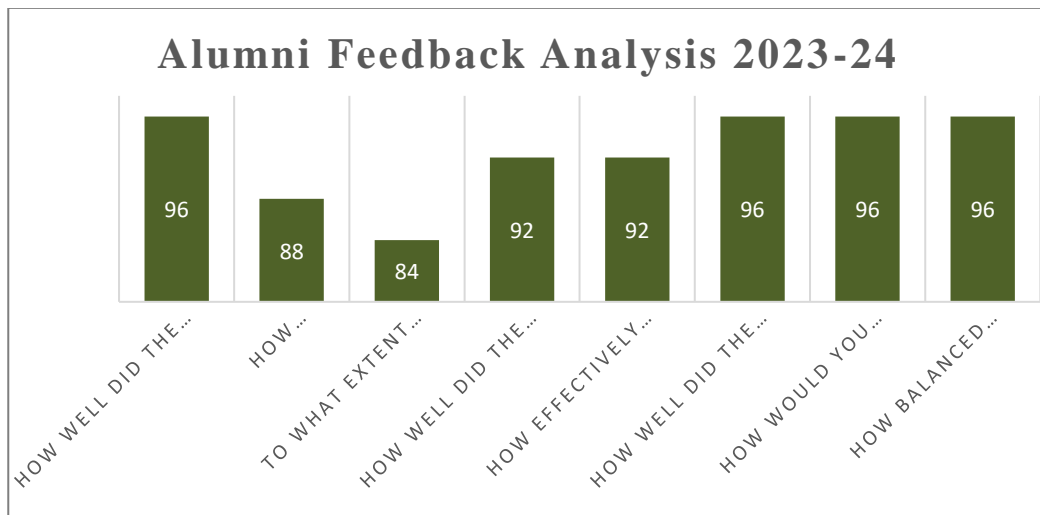


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### 1.4.1.2 Feedback System – Alumni Feedback Analysis

| Sr.No | Parameter   | %age Feedback |
|-------|---|---------------|
| 1     | How well did the curriculum prepare you for your career goals and professional responsibilities?                                | 96            |
| 2     | How comprehensive was the curriculum in covering the core topics and skills necessary for your field of work?                   | 88            |
| 3     | To what extent did the curriculum provide you with practical experience (e.g. labs, internships, projects)?                     | 84            |
| 4     | How well did the curriculum equip you with the technical skills needed in your profession?                                      | 92            |
| 5     | How effectively did the curriculum address the development of soft skills such as communication, teamwork, and problem-solving? | 92            |
| 6     | How well did the curriculum prepare you to adapt to changes and advancements in the engineering industry?                       | 96            |
| 7     | How would you rate the clarity and organization of the curriculum's structure and course sequencing?                            | 96            |
| 8     | How balanced was the workload and academic demand of the curriculum?  | 96            |





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## Descriptive Alumni Feedback Analysis:

Based on analysis of feedback given by Alumni it is observed that

### 1. Comments:

- Overall Curriculum is Satisfactory
- Quality of reference material is good
- Curriculum provides the practical experience
- Curriculum helps in improving the technical skills

### 2. Insights:

- Assessment and Evaluation Methods are satisfactory
- Curriculum is Relevant with and Real-World Applications
- Found motivation and support from instructor
- Focus required to bridge the gap between Industry and Academia

## Summary of Findings:

### 1. Strengths identified:

Curriculum covers the technical skills and provides the practical experience.

Development of Soft skills

### 2. Areas for Improvement :

Hands –on training can be further improved

Some courses may be considered to minimize the gap between industry requirements



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## Action taken Report for AY 2023-24 based on

### Alumni Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

1. Adapt to changes and advancements in the engineering industry

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I,EDI-II,Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.

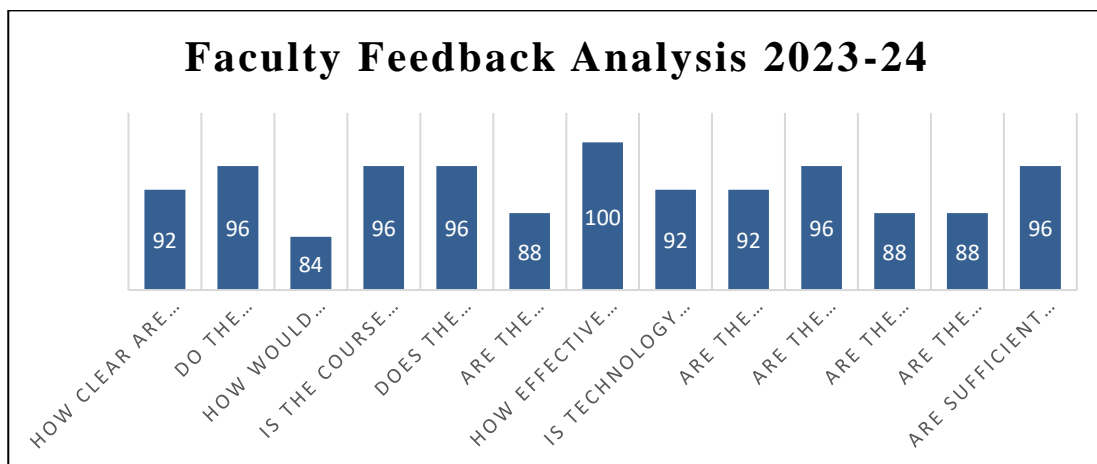


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### 1.4.1.2 Feedback System – Faculty Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How clear are the learning objectives of the course?   | 92         |
| 2  | Do the learning objectives align well with the course content?   | 96         |
| 3  | How would you rate the quality of the course materials provided (e.g. textbooks, articles, online resources)?                      | 84         |
| 4  | Is the course material relevant and up to date with current academic and industry standards?                                       | 96         |
| 5  | Does the content cover necessary topics adequately, without being too broad or too narrow?   | 96         |
| 6  | Are the instructional methods (e.g. lectures, discussions, projects) well aligned with the learning outcomes?                      | 88         |
| 7  | How effective are the teaching methods in engaging students and facilitating their learning.                                       | 100        |
| 8  | Is technology used effectively in the course to enhance learning (e.g. online platforms, multimedia tools)?                        | 92         |
| 9  | Are the assessment methods (e.g exams, assignments) well aligned with the learning objectives?                                     | 92         |
| 10 | Are the assessments clear, fair and effectively communicated to students?  | 96         |
| 11 | Are the feedback mechanisms (e.g timely grading, constructive comments) effective in helping students improve?                     | 88         |
| 12 | Are the strategies used to engage students (e.g. interactive activities, discussions) effective?                                   | 88         |
| 13 | Are sufficient resources and support available to assist students with their learning needs(e.g. office hours, academic advising)? | 96         |





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## Descriptive Faculty Feedback Analysis:

Based on analysis of feedback given by Faculty it is observed that

### 1. Comments:

- Overall Curriculum is Satisfactory
- Objectives are well defined
- Effective teaching methods
- Assessments methods aligned with course objectives

### 2 Insights:

- Quality of Learning material is good
- Supportive environment
- Use of online platforms and tools

## Summary of Findings:

### 1. Strengths identified:

Learning outcomes

Content of the curriculum

### 2. Areas for Improvement :

Need for Advanced software

Inculcate self-learning



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(An Autonomous Institute Affiliated to Savitribai Phule Pune University, Pune)

Department of Electronics & Telecommunication Engineering



## Action taken Report for AY 2023-24 based on Faculty Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Advanced technology for solving real life problems

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I,EDI-II,Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.

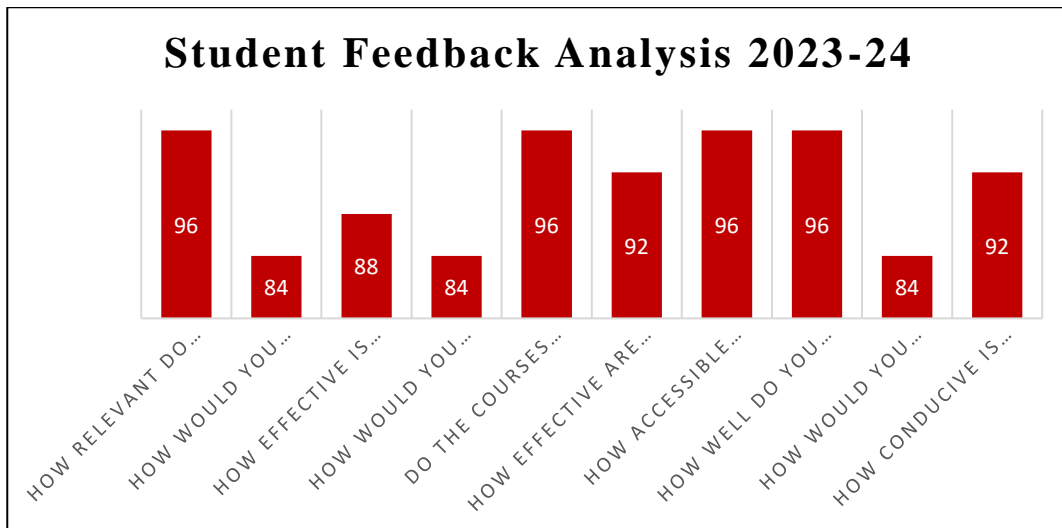


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### 1.4.1.2 Feedback System – Student Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How relevant do you find the current courses to your future career in engineering?   | 96         |
| 2  | How would you rate the depth and breadth of the course content?  | 84         |
| 3  | How effective is the structure of the courses (e.g. organizations, pacing and progression)   | 88         |
| 4  | How would you rate the quality and usefulness of the learning materials (e.g. textbooks, online resources, and lab equipment)            | 84         |
| 5  | Do the courses provide sufficient opportunities for practical application of theoretical knowledge (e.g. labs, projects and internships) | 96         |
| 6  | How effective are the instructors in delivering course material and engaging students?   | 92         |
| 7  | How accessible and supportive are the instructors outside of the class(e.g. office hours, feedback on assignments)                       | 96         |
| 8  | How well do you think the overall curriculum is designed to cover essential topics and skills in your field of study?                    | 96         |
| 9  | How would you rate the workload of the courses (e.g. balance of assignments, exams and projects)   | 84         |
| 10 | How conducive is the classroom environment to learning (e.g. facilities, technology, class size)   | 92         |



  
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## Descriptive Student Feedback Analysis:

Based on analysis of feedback given by students it is observed that

### 1. Comments :

- Courses are as per future career requirements
- Well structure and contents of the courses
- Effective teaching methods
- Quality learning materials

### 2. Insights :

- Skills required in domain wise industries
- Module wise courses
- Environment of class and conduction of practical

## Summary of Findings:

### 1. Strengths identified:

Good support and career guidance  
Technical events and workshops

### 2. Areas for Improvement :

Need for guidance of research and patents  
Competitive Examinations



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## Action taken Report for AY 2023-24 based on

### Student Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Use of Practical knowledge and skills in real life applications

Following points are implemented

- GATE Sessions started for students.
- EDI- I, EDI-II, Soft Skills, courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.
- Python Programming course offered to develop coding knowledge
- Students encouraged to enrol for NPTEL and SWAYAM courses

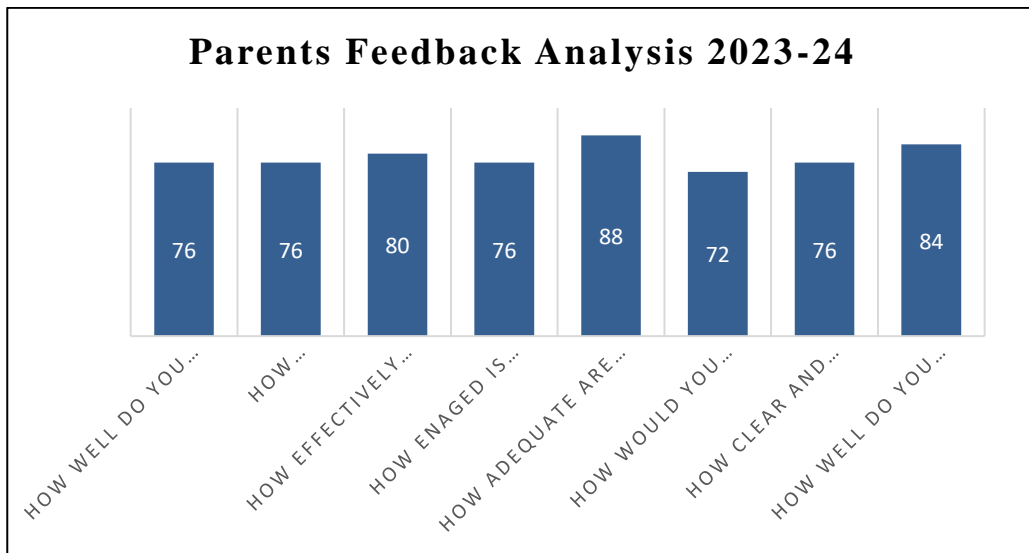



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### 1.4.1.2 Feedback System – Parent Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How well do you believe the current curriculum aligns with your child's career goals and aspirations in engineering?         | 76         |
| 2  | How comprehensive is the curriculum in covering essential subjects and skills necessary for a successful engineering career? | 76         |
| 3  | How effectively does the curriculum integrate practical experience such as labs and internships, or projects?                | 80         |
| 4  | How engaged is your child with the curriculum and the course material?   | 76         |
| 5  | How adequate are the support and resources provided to students (e.g academic advising, career services, learning materials) | 88         |
| 6  | How would you rate the balance of workload and academic demands in the curriculum?   | 72         |
| 7  | How clear and well-organised do you find the curriculum's structure and course sequencing?                                   | 76         |
| 8  | How well do you think the curriculum prepares students for engineering industry and workforce?                               | 84         |

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## Descriptive Parent Feedback Analysis:

Based on analysis of feedback given by parents it is observed that

### 1 Comments :

- Good curriculum
- Well contents of the courses as per skills required
- Good Academics and Discipline in the department

### 2. Insights :

- More industry connect required

## Summary of Findings:

### 1. Strengths identified:

GFM system is good for motivation and guidance of students

Workload balance is satisfactory

### 2. Areas for Improvement :

Focus on addressing social relevant issues

Needs project based / project centric learning



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## Action taken Report for AY 2023-24 based on

### Parent Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Career Goals - Needs to include courses focused on improving business acumen rather than jobs

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- New Product Design and Development, Entrepreneurship Development, AIML courses offered to students to improve business acumen and management-based courses can be offered.



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**Key Indicator -1.4 Feedback System**

**1.4.2 – Action Taken on Feedback Received**

**Alumni Feedback**

| S.No | Parameter   | Action Taken   |
|------|---|--|
| 1    | The curriculum and syllabus content were appropriate for my placement/ higher education   | i) A number of experts (Academics and Industry) are included in the Academic Council and Board of Studies of Departments. The revision of the curriculum and syllabus is done in consultation with the experts to enhance the curriculum and to ensure that it meets the standards and requirements of the industry.<br>ii) Alumni Talks and Alumni Meet are organized to provide feedback and suggestions on the curriculum.<br>iii) MoUs with several reputed companies such as Bentley Institute, IREF, KPIT, Veritas, Capgemini, TCS are done to ensure alignment of curriculum with the objective of placement or higher education. |
| 2    | Sufficient number of co-curricular activities were arranged based on curriculum   | Regular meetings are conducted at department and institute level to review the curriculum to identify the activities which align with the learning outcome of the program. Some of the events conducted are mentioned below:<br>i) Organizing national level events such as 'Geofest', Innovision, Aarambh, and e-summit<br>ii) Enhanced Students participations in Innovative events such as Hackathon, Robocon, Innovation Quest<br>iii) Collaborated with Professional Chapters to complement the academic curriculum through expert lectures, workshops and site visits  |
| 3    | The learning ambience and outside interactions are increased based on curriculum<br><br>The curriculum accommodates courses with experiential learning (hands-on) | The curriculum is designed and revised regularly to incorporate more hands on and experiential learning approaches.<br>i) Hands on Training on latest technology such as Unmanned Aircraft Systems, Field Surveying Projects, Python Training, Android and Java Basics, Electrical Vehicle Technology and Simulation, Product Design with Additive   |

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|  |  |   |
|--|--|---|
|  |  | <p>Manufacturing, Solar Ambassador Workshop, Cloud Computing Workshops etc have enhanced the capabilities of students.</p> <p>ii) Students are encouraged to take part in Community Service projects. Every year through Unnat Bharat Abhiyaan, Computer Literacy Programs, Jal Dindi initiatives students get to work on real life situations which help them to relate to their learnings in the classroom.</p> |
|--|--|---|



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### Faculty Feedback

| S.No | Parameter  | Action Taken  |
|------|--|---|
| 1    | Sufficient number of relevant electives and e-topics are covered in the syllabus | <p>All departments provide a sufficient number of relevant electives in the curriculum in third year and final year. Besides, Minors and Honors are also offered in the department to allow students different areas of interest within the subject area.</p> <p>Some subjects are mentioned below:<br/>Data Science, Machine Learning for Cyber Security, Automation in Civil Engineering<br/>Air Pollution and Control, Energy Audit and Management, High Voltage Engineering, Speech processing etc.</p> <p>Additionally e-topics are incorporated throughout the curriculum to provide the students with additional resources and information.</p> <p>Faculty Members encourage students to attend NPTEL and Udeemy courses such as Power System Protection, Programming in Java, Embedded System Design with ARM, Web Development Bootcamp, Prepare data for exploration etc. Many students have successfully completed the course through online platforms.</p> |
| 2    | The curriculum covers Industry interaction, internship an opportunities          | <p>The curriculum includes one semester mandatory internships for students. To be able to provide best learning and professional growth through internships, appropriate measures have been taken.</p> <p>i) MoUs with industries such as Longspan, IREF, KPIT, Veritas, Capgemini, TCS, Conductix, Matrix Automation etc. to provide internship opportunities.</p> <p>ii) Tie-Ups with Foreign Universities to facilitate student exchange program for internship and projects. Students have been accepted to Chang Gung Univ Taiwan, Yan</p>   |

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|  |  |   |
|--|--|---|
|  |  | <p>Ze University Taiwan and National University Taiwan for internship with stipend.</p> <p>iii) Industrial visits were conducted for all department and first year students to offer them first hand experience of the working environment in industries.</p> |
|--|--|---|



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### Student Feedback

| S.No | Parameter  | Action Taken   |
|------|--|--|
| 1    | Extent of syllabi covered in the class as per plan   | <p>The Dean Academics along with HoDs and Departmental Academic Coordinators hold weekly meetings to check the execution of curriculum as per the plan.</p> <p>The meetings agenda includes:</p> <ul style="list-style-type: none"><li>i) Review of the syllabus coverage</li><li>ii) Checking of session plan and timelines</li><li>iii) Monitor progress</li><li>iv) Quality of learning materials</li><li>v) Seek feedback of students</li></ul> <p>Besides, Departmental meetings with Director and Dean Academics are held twice a semester to review the progress and take corrective action thereof.</p>  |
| 2    | The curriculum structure enhances innovation and research culture  | <p>The Institute Incubation Cell promotes the innovation and research culture amongst the students and faculty members.</p> <ul style="list-style-type: none"><li>i) Students and faculty members have been made aware of IPR and policies have been framed to encourage filling of IPRs</li><li>ii) Students interested in startups were provided with hard and soft infrastructure facilities.</li><li>iii) Project based learning and problem based learnings have been incorporated in the curriculum to develop critical thinking among students. Sessions on PBL were also conducted.</li><li>iv) Project Competitions such as Young Innovators were conducted in all departments.</li></ul> |
| 3    | <p>Opportunity for students to participate in internship, student exchange, industrial visit as part of syllabus</p> <p>The curriculum covers Industry</p> | <p>The curriculum includes one semester mandatory internships for students. To be able to provide best learning and professional growth through internships, appropriate measures have been taken.</p> <ul style="list-style-type: none"><li>i) MoUs with industries such as Longspan,</li></ul>   |

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|  |   |   |
|--|---|---|
|  | interaction, internship and opportunities | <p>IREF, KPIT, Veritas, Capgemini, TCS, Conductix, Matrix Automation etc. to provide internship opportunities.</p> <p>ii) Tie-Ups with Foreign Universities to facilitate student exchange program for internship and projects. Students have been accepted to Chang Gung Univ Taiwan, Yan Ze University Taiwan and National University Taiwan for internship with stipend.</p> <p>iii) Industrial visits were conducted for all department and first year students to offer them first hand experience of the working environment in industries.</p> |
|--|---|---|



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# Stakeholder's Feedback Analysis

And

# Action taken Reports

A.Y. 2023-24



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Department of Mechanical Engineering



### Key Indicator -1.4.1.2 Feedback Analysis and Action Taken Reports

| Sr. No. | Feedback on curriculum               |
|---------|--------------------------------------|
| 1       | Alumni Feedback Analysis (2023-24)   |
| 2       | Faculty Feedback Analysis (2023-24)  |
| 3       | Students Feedback Analysis (2023-24) |
| 4       | Parents Feedback Analysis (2023-24)  |
| 5       | Employer Feedback Analysis (2023-24) |



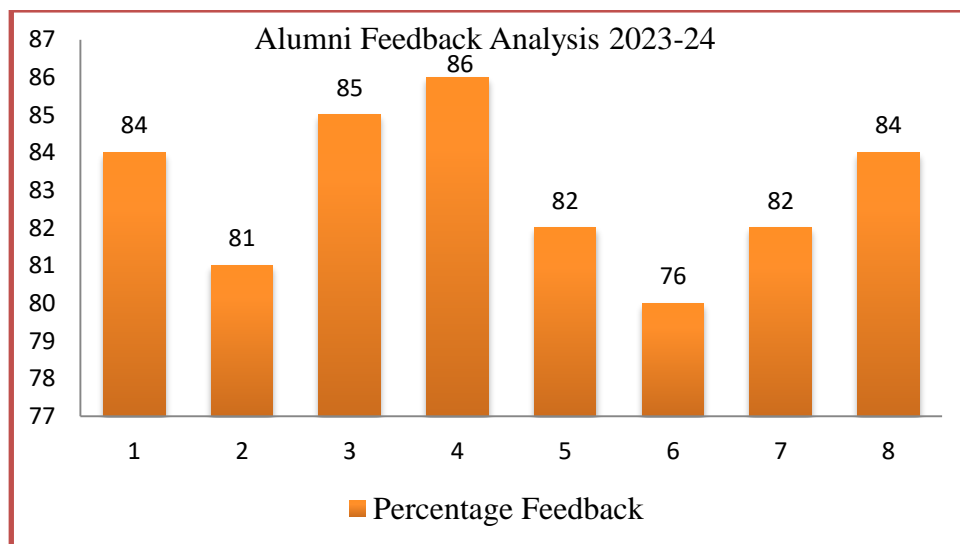
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1.4.1.2 Feedback System – Alumni Feedback Analysis

| Sr.No | Parameter   | %age Feedback |
|-------|---|---------------|
| 1     | How well did the curriculum prepare you for your career goals and professional responsibilities?                                | 84            |
| 2     | How comprehensive was the curriculum in covering the core topics and skills necessary for your field of work?                   | 81            |
| 3     | To what extent did the curriculum provide you with practical experience (e.g. labs, internships, projects)?                     | 85            |
| 4     | How well did the curriculum equip you with the technical skills needed in your profession?                                      | 86            |
| 5     | How effectively did the curriculum address the development of soft skills such as communication, teamwork, and problem-solving? | 82            |
| 6     | How well did the curriculum prepare you to adapt to changes and advancements in the engineering industry?                       | 76            |
| 7     | How would you rate the clarity and organization of the curriculum's structure and course sequencing?                            | 82            |
| 8     | How balanced was the workload and academic demand of the curriculum?  | 84            |



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## Descriptive Alumni Feedback Analysis:

Based on analysis of feedback given by Alumni it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Quality of reference material is good
- Curriculum provides the practical experience
- Curriculum helps in improving the technical skills

### 2. Insights :

- Assessment and Evaluation Methods are satisfactory
- Curriculum is Relevant with and Real-World Applications
- Found motivation and support from instructor
- Focus required to bridge the gap between Industry and Academia

### Summary of Findings:

#### 1. Strengths identified:

Curriculum covers the technical skills and provides the practical experience.  
Development of Soft skills

#### 2. Areas for Improvement :

Hands –on training can be further improved  
Some courses may be considered to minimize the gap between industry requirements



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**Action taken Report for AY 2023-24 based on  
Alumni Feedback Analysis**

The average score for the following questions are found to be low (i.e. less than 80%)

1. Adapt to changes and advancements in the engineering industry

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I,EDI-II,Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.

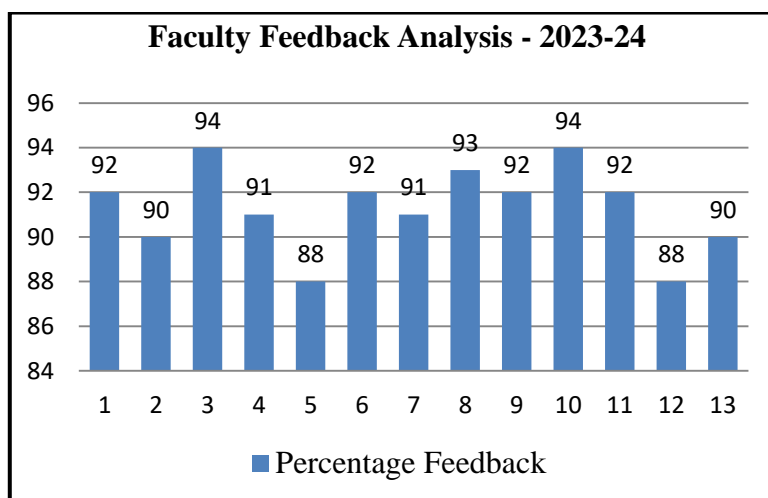


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1.4.1.2 Feedback System – Faculty Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How clear are the learning objectives of the course?   | 92         |
| 2  | Do the learning objectives align well with the course content?   | 90         |
| 3  | How would you rate the quality of the course materials provided(e.g. textbooks, articles, online resources)?                       | 94         |
| 4  | Is the course material relevant and up to date with current academic and industry standards?                                       | 91         |
| 5  | Does the content cover necessary topics adequately, without being too broad or too narrow?   | 88         |
| 6  | Are the instructional methods (e.g. lectures, discussions, projects) well aligned with the learning outcomes?                      | 92         |
| 7  | How effective are the teaching methods in engaging students and facilitating their learning.                                       | 91         |
| 8  | Is technology used effectively in the course to enhance learning (e.g. online platforms, multimedia tools)?                        | 93         |
| 9  | Are the assessment methods (e.g exams, assignments) well aligned with the learning objectives?                                     | 92         |
| 10 | Are the assessments clear, fair and effectively communicated to students?  | 94         |
| 11 | Are the feedback mechanisms (e.g timely grading, constructive comments) effective in helping students improve?                     | 92         |
| 12 | Are the strategies used to engage students(e.g. interactive activities, discussions) effective?                                    | 88         |
| 13 | Are sufficient resources and support available to assist students with their learning needs(e.g. office hours, academic advising)? | 90         |



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## Descriptive Faculty Feedback Analysis:

Based on analysis of feedback given by Faculty it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Objectives are well defined
- Effective teaching methods
- Assessments methods aligned with course objectives

### 2 Insights :

- Quality of Learning material is good
- Supportive environment
- Use of online platforms and tools

### Summary of Findings:

#### 1. Strengths identified:

Learning outcomes

Content of the curriculum

#### 2. Areas for Improvement :

Need for Advanced software

Inculcate self-learning



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## Action taken Report for AY 2023-24 based on

### Faculty Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Advanced technology for solving real life problems

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I,EDI-II,Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.



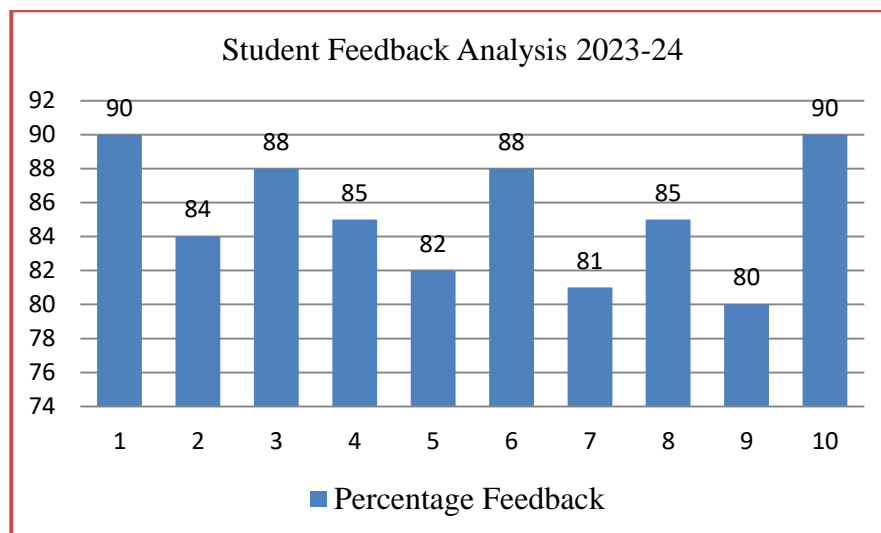
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### 1.4.1.2 Feedback System – Student Feedback Analysis

| SN | Parameter   | % Feedback |
|----|---|------------|
| 1  | How relevant do you find the current courses to your future career in engineering?  | 90         |
| 2  | How would you rate the depth and breadth of the course content?   | 84         |
| 3  | How effective is the structure of the courses(e.g. organizations, pacing and progression)   | 88         |
| 4  | How would you rate the quality and usefulness of the learning materials(e.g. textbooks, online resources, and lab equipment)            | 85         |
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| 7  | How accessible and supportive are the instructors outside of the class(e.g. office hours, feedback on assignments)                      | 81         |
| 8  | How well do you think the overall curriculum is designed to cover essential topics and skills in your field of study?                   | 85         |
| 9  | How would you rate the workload of the courses(e.g. balance of assignments, exams and projects)   | 80         |
| 10 | How conducive is the classroom environment to learning(e.g. facilities, technology, class size)   | 90         |





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## Descriptive Student Feedback Analysis:

Based on analysis of feedback given by students it is observed that

### 1. Comments :

- Courses are as per future career requirements
- Well structure and contents of the courses
- Effective teaching methods
- Quality learning materials

### 2. Insights :

- Skills required in domain wise industries
- Module wise courses
- Environment of class and conduction of practical

## Summary of Findings:

### 1. Strengths identified:

Good support and career guidance  
Technical events and workshops

### 2. Areas for Improvement :

Need for guidance of research and patents  
Competitive Examinations



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## Action taken Report for AY 2023-24 based on Student Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Use of Practical knowledge and skills in real life applications

Following points are implemented

- GATE Sessions started for students.
- EDI- I, EDI-II, Soft Skills, courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.
- Python Programming course offered to develop coding knowledge
- Students encouraged to enrol for NPTEL and SWAYAM courses

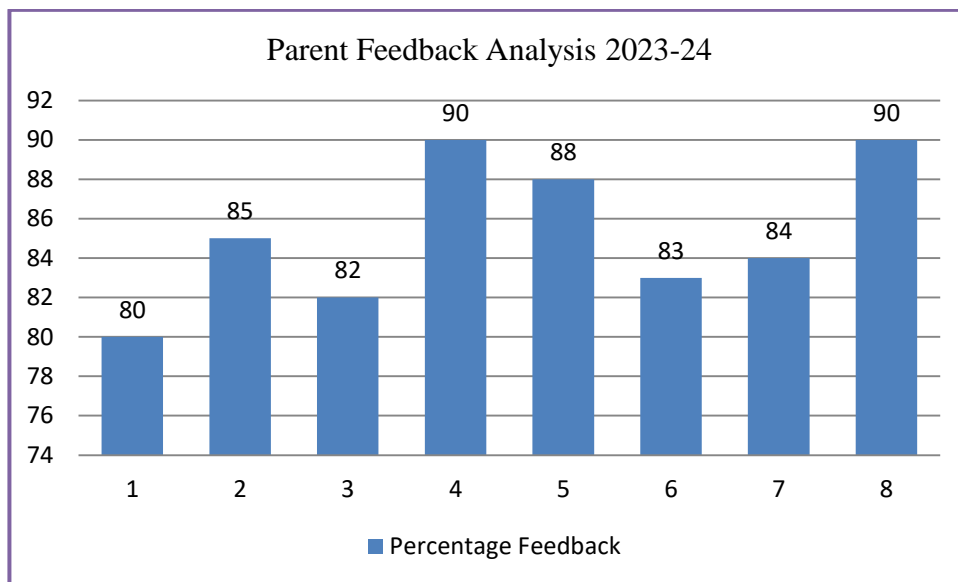


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1.4.1.2 Feedback System – Parent Feedback Analysis

| SN | Parameter  | % Feedback |
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| 1  | How well do you believe the current curriculum aligns with your child's career goals and aspirations in engineering?         | 80         |
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| 4  | How engaged is your child with the curriculum and the course material?   | 90         |
| 5  | How adequate are the support and resources provided to students (e.g academic advising, career services, learning materials) | 88         |
| 6  | How would you rate the balance of workload and academic demands in the curriculum?   | 83         |
| 7  | How clear and well-organised do you find the curriculum's structure and course sequencing?                                   | 84         |
| 8  | How well do you think the curriculum prepares students for engineering industry and workforce?                               | 90         |



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### **Descriptive Parent Feedback Analysis:**

Based on analysis of feedback given by parents it is observed that

#### **1 Comments :**

- Good curriculum
- Well contents of the courses as per skills required
- Good Academics and Discipline in the department

#### **2. Insights :**

- More industry connect required

### **Summary of Findings:**

#### **1. Strengths identified:**

GFM system is good for motivation and guidance of students  
Workload balance is satisfactory

#### **2. Areas for Improvement :**

Focus on addressing social relevant issues  
Needs project based / project centric learning



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## Action taken Report for AY 2023-24 based on Parent Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Career Goals - Needs to include courses focused on improving business acumen rather than jobs

Following points are implemented

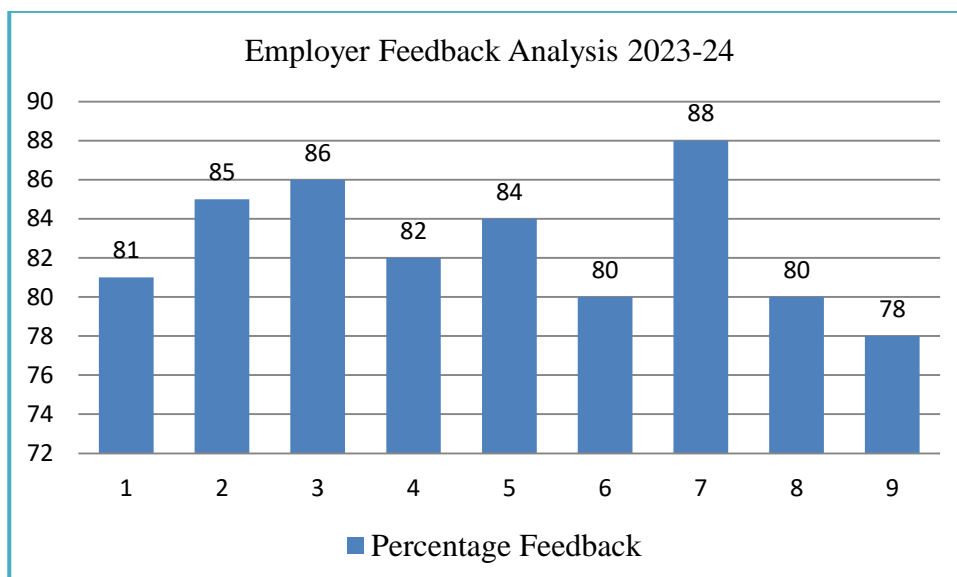
- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- New Product Design and Development, Entrepreneurship Development, AIML courses offered to students to improve business acumen and management-based courses can be offered.



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### 1.4.1.2 Feedback System – Employer Feedback Analysis

| SN | Parameter   | % Feedback |
|----|---|------------|
| 1  | How well does the current engineering curriculum align with the skills and knowledge required in your industry?                     | 81         |
| 2  | How effectively does the curriculum prepare graduates with the technical skills needed for their roles in your organization?        | 85         |
| 3  | How well does the curriculum address the development of essential soft skills (e.g. communication, teamwork, problem-solving)?      | 86         |
| 4  | How would you rate the overall competency of recent graduates from this curriculum in performing their job roles?                   | 82         |
| 5  | How well prepared are graduates for real world challenges and industry practices?   | 84         |
| 6  | How effectively do graduates demonstrate innovation and problem-solving skills that are critical in your industry?                  | 80         |
| 7  | How comprehensive is the curriculum in covering key areas of engineering relevant to your industry?                                 | 88         |
| 8  | How sufficient are the opportunities provided within the curriculum for hands-on experience, such as internships, labs or projects? | 80         |
| 9  | How well does the curriculum incorporate emerging technologies and current trends in engineering?                                   | 78         |





### **Descriptive Employer Feedback Analysis:**

Based on analysis of feedback given by various Industry persons and employers it is observed that

#### **1. Comments :**

- Technical skills offered in the different courses
- Various soft skills included in the courses
- Contents of the courses provide good knowledge to students

#### **2. Insights :**

- Technical challenges in real world
- Technology advancements

### **Summary of Findings:**

#### **1. Strengths identified:**

Internships and trainings offered to students

Key areas of the industries are covered in the various courses

#### **2. Areas for Improvement :**

Focus on addressing social relevant issues

Needs project based / project centric learning

Research and Innovations



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## **Action taken Report for AY 2023-24 based on Employer Feedback Analysis**

The average score for the following questions are found to be low (i.e. less than 80%)

Innovation and Problem Solving skills - Needs to focus on innovation and product development

Emerging technologies and trends – Needs to improve critical thinking

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- Professional and Elective courses offered like Entrepreneurship Development, Research Methodology, Product life cycle management to improve problem solving skills, critical thinking and generate ideas for product developments.



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# Stakeholder's Feedback Analysis

And

# Action taken Reports

A.Y. 2023-24



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### Key Indicator -1.4.1.2 Feedback Analysis and Action Taken Reports

| Sr. No. | Feedback on curriculum               |
|---------|--------------------------------------|
| 1       | Alumni Feedback Analysis (2023-24)   |
| 2       | Faculty Feedback Analysis (2023-24)  |
| 3       | Students Feedback Analysis (2023-24) |
| 4       | Parents Feedback Analysis (2023-24)  |
| 5       | Employer Feedback Analysis (2023-24) |



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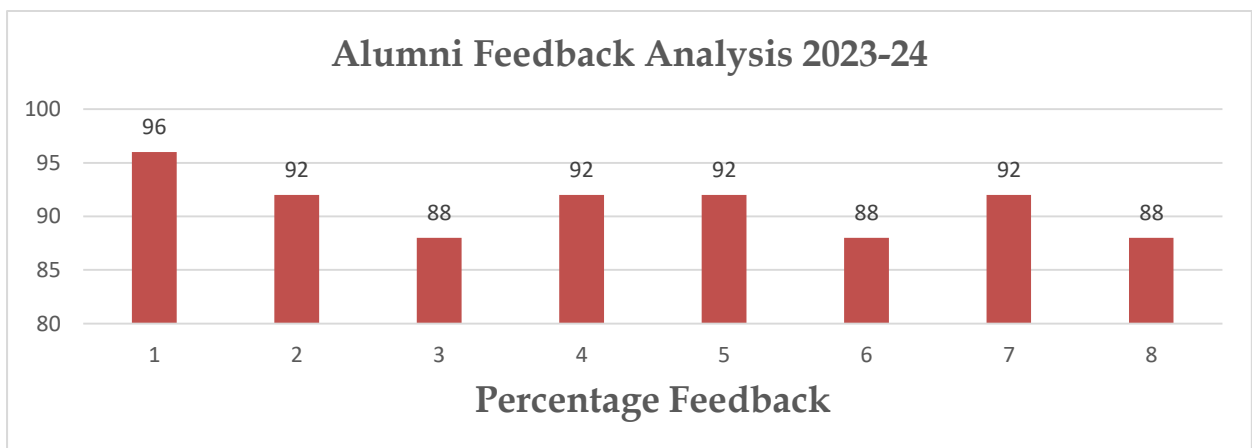
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### 1.4.1.2 Feedback System – Alumni Feedback Analysis

| Sr No | Parameter   | Percentage Feedback |
|-------|---|---------------------|
| 1     | How well did the curriculum prepare you for your career goals and professional responsibilities                                 | 96                  |
| 2     | How comprehensive was the curriculum in covering the core topics and skills necessary for your field of work?                   | 92                  |
| 3     | To what extent did the curriculum provide you with practical experience (e.g. labs, internships, projects)                      | 88                  |
| 4     | How well did the curriculum equip you with the technical skills needed in your profession?                                      | 92                  |
| 5     | How effectively did the curriculum address the development of soft skills such as communication, teamwork, and problem-solving? | 92                  |
| 6     | How well did the curriculum prepare you to adapt to changes and advancements in the engineering industry?                       | 88                  |
| 7     | How would you rate the clarity and organization of the curriculum's structure and course sequencing?                            | 92                  |
| 8     | How balanced was the workload and academic demand of the curriculum?  | 88                  |



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## Descriptive Alumni Feedback Analysis:

Based on analysis of feedback given by Alumni it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Quality of reference material is good
- Curriculum provides the practical experience
- Curriculum helps in improving the technical skills

### 2. Insights :

- Assessment and Evaluation Methods are satisfactory
- Curriculum is Relevant with and Real-World Applications
- Found motivation and support from instructor
- Focus required to bridge the gap between Industry and Academia

## Summary of Findings:

### 1. Strengths identified:

Curriculum covers the technical skills and provides the practical experience.

Development of Soft skills

### 2. Areas for Improvement :

Hands –on training can be further improved

Some courses may be considered to minimize the gap between industry requirements



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**Action taken Report for AY 2023-24 based on  
Alumni Feedback Analysis**

The average score for the following questions are found to be low (i.e. less than 80%)

1. Adapt to changes and advancements in the engineering industry

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I,EDI-II,Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.

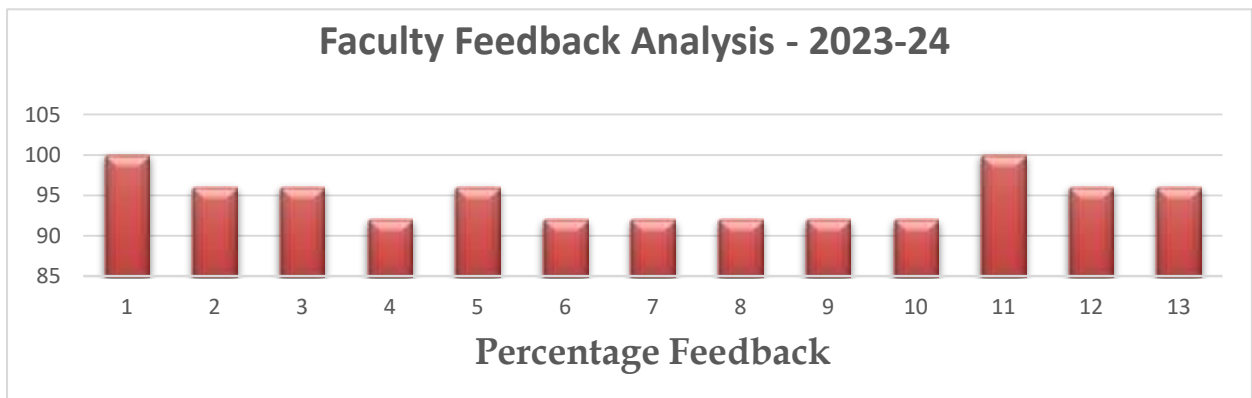


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1.4.1.2 Feedback System – Faculty Feedback Analysis

| Sr. No | Parameter   | Percentage Feedback |
|--------|---|---------------------|
| 1      | How clear are the learning objectives of the course?  | 100                 |
| 2      | Do the learning objectives align well with the course content?  | 96                  |
| 3      | How would you rate the quality of the course materials provided(e.g. textbooks, articles, online resources)                       | 96                  |
| 4      | Is the course material relevant and up to date with current academic and industry standards?                                      | 92                  |
| 5      | Does the content cover necessary topics adequately, without being too broad or too narrow?  | 96                  |
| 6      | Are the instructional methods (e.g. lectures, discussions, projects) well aligned with the learning outcomes?                     | 92                  |
| 7      | How effective are the teaching methods in engaging students and facilitating their learning.                                      | 92                  |
| 8      | Is technology used effectively in the course to enhance learning(e.g. online platforms, multimedia tools)?                        | 92                  |
| 9      | Are the assessment methods (e.g exams, assignments) well aligned with the learning objectives?                                    | 92                  |
| 10     | Are the assessments clear, fair and effectively communicated to students?   | 92                  |
| 11     | Are the feedback mechanisms (e.g timely grading, constructive comments) effective in helping students improve?                    | 100                 |
| 12     | Are the strategies used to engage students(e.g. interactive activities, discussions) effective?                                   | 96                  |
| 13     | Are sufficient resources and support available to assist students with their learning needs(e.g. office hours, academic advising) | 96                  |



  
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## Descriptive Faculty Feedback Analysis:

Based on analysis of feedback given by Faculty it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Objectives are well defined
- Effective teaching methods
- Assessments methods aligned with course objectives

### 2 Insights :

- Quality of Learning material is good
- Supportive environment
- Use of online platforms and tools

### Summary of Findings:

#### 1. Strengths identified:

Learning outcomes

Content of the curriculum

#### 2. Areas for Improvement :

Need for Advanced software

Inculcate self-learning



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## Action taken Report for AY 2023-24 based on

### Faculty Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Advanced technology for solving real life problems

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I,EDI-II,Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.



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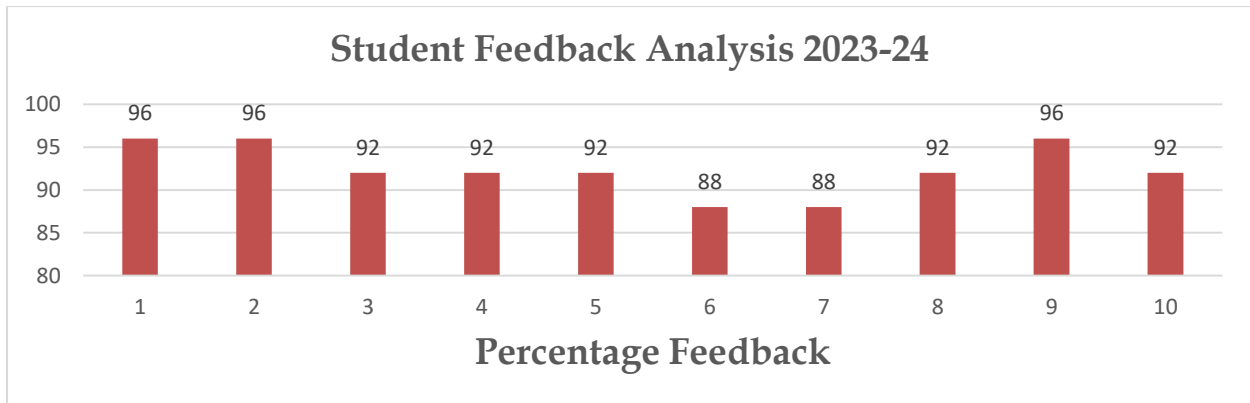
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### 1.4.1.2 Feedback System – Student Feedback Analysis

| Sr.No | Parameter   | Percentage Feedback |
|-------|---|---------------------|
| 1     | How relevant do you find the current courses to your future career in MBA?  | 96                  |
| 2     | How would you rate the depth and breadth of the course content?   | 96                  |
| 3     | How effective is the structure of the courses(e.g. organizations, pacing and progression)   | 92                  |
| 4     | How would you rate the quality and usefulness of the learning materials(e.g. textbooks, online resources, and lab equipment)            | 92                  |
| 5     | Do the courses provide sufficient opportunities for practical application of theoretical knowledge(e.g. labs, projects and internships) | 92                  |
| 6     | How effective are the instructors in delivering course material and engaging students?  | 88                  |
| 7     | How accessible and supportive are the instructors outside of the class(e.g. office hours, feedback on assignments)                      | 88                  |
| 8     | How well do you think the overall curriculum is designed to cover essential topics and skills in your field of study?                   | 92                  |
| 9     | How would you rate the workload of the courses(e.g. balance of assignments, exams and projects)   | 96                  |
| 10    | How conducive is the classroom environment to learning(e.g. facilities, technology, class size)   | 92                  |



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## Descriptive Student Feedback Analysis:

Based on analysis of feedback given by students it is observed that

### 1. Comments :

- Courses are as per future career requirements
- Well structure and contents of the courses
- Effective teaching methods
- Quality learning materials

### 2. Insights :

- Skills required in domain wise industries
- Module wise courses
- Environment of class and conduction of practical

## Summary of Findings:

### 1. Strengths identified:

Good support and career guidance  
Technical events and workshops

### 2. Areas for Improvement :

Need for guidance of research and patents  
Competitive Examinations



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**Action taken Report for AY 2023-24 based on  
Student Feedback Analysis**

The average score for the following questions are found to be low (i.e. less than 80%)

Use of Practical knowledge and skills in real life applications

Following points are implemented

- GATE Sessions started for students.
- EDI- I, EDI-II, Soft Skills, courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.
- Python Programming course offered to develop coding knowledge
- Students encouraged to enrol for NPTEL and SWAYAM courses



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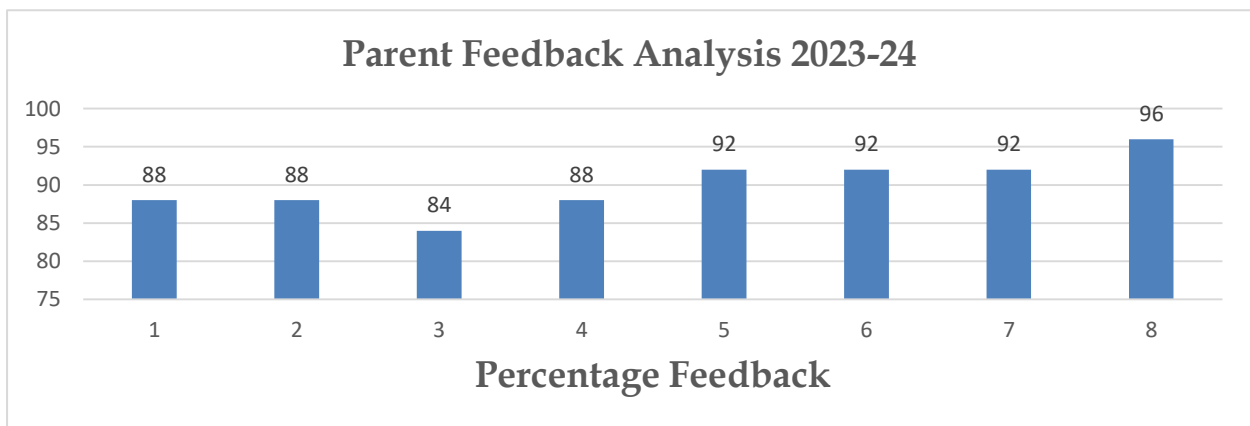
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### 1.4.1.2 Feedback System – Parent Feedback Analysis

| Sr.No | Parameter  | Percentage Feedback |
|-------|--|---------------------|
| 1     | How well do you believe the current curriculum aligns with your child's career goals and aspirations in computer applications?         | 88                  |
| 2     | How comprehensive is the curriculum in covering essential subjects and skills necessary for a successful computer applications career? | 88                  |
| 3     | How effectively does the curriculum integrate practical experience such as labs and internships, or projects?                          | 84                  |
| 4     | How engaged is your child with the curriculum and the course material?   | 88                  |
| 5     | How adequate are the support and resources provided to students (e.g academic advising, career services, learning materials)           | 92                  |
| 6     | How would you rate the balance of workload and academic demands in the curriculum?   | 92                  |
| 7     | How clear and well-organised do you find the curriculum's structure and course sequencing?   | 92                  |
| 8     | How well do you think the curriculum prepares students for computer applications industry and workforce?                               | 96                  |



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### Descriptive Parent Feedback Analysis:



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Based on analysis of feedback given by parents it is observed that

**1 Comments :**

- Good curriculum
- Well contents of the courses as per skills required
- Good Academics and Discipline in the department

**2. Insights :**

- More industry connect required

**Summary of Findings:**

**1. Strengths identified:**

GFM system is good for motivation and guidance of students

Workload balance is satisfactory

**2. Areas for Improvement :**

Focus on addressing social relevant issues

Needs project based / project centric learning



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## Action taken Report for AY 2023-24 based on Parent Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Career Goals - Needs to include courses focused on improving business acumen rather than jobs

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- New Product Design and Development, Entrepreneurship Development, AIML courses offered to students to improve business acumen and management-based courses can be offered.



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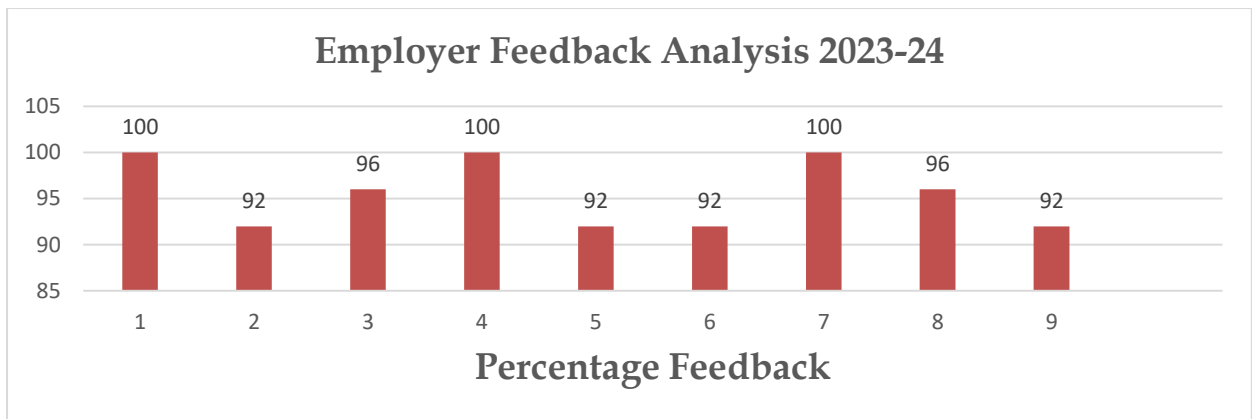
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### 1.4.1.2 Feedback System – Employer Feedback Analysis

| Sr.No | Parameter  | Percentage Feedback |
|-------|--|---------------------|
| 1     | How well does the current computer application curriculum align with the skills and knowledge required in your industry?             | 100                 |
| 2     | How effectively does the curriculum prepare post-graduates with the technical skills needed for their roles in your organization?    | 92                  |
| 3     | How well does the curriculum address the development of essential soft skills (e.g., communication, teamwork, problem-solving)?      | 96                  |
| 4     | How would you rate the overall competency of recent graduates from this curriculum in performing their job roles?                    | 100                 |
| 5     | How well-prepared are graduates for real-world challenges and industry practices?  | 92                  |
| 6     | How effectively do graduates demonstrate innovation and problem-solving skills that are critical in your industry?                   | 92                  |
| 7     | How comprehensive is the curriculum in covering key areas of computer application relevant to your industry?                         | 100                 |
| 8     | How sufficient are the opportunities provided within the curriculum for hands-on experience, such as internships, labs, or projects? | 96                  |
| 9     | How well does the curriculum incorporate emerging technologies and current trends in Industry?                                       | 92                  |



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## Descriptive Employer Feedback Analysis:

Based on analysis of feedback given by various Industry persons and employers it is observed that

### 1. Comments :

- Technical skills offered in the different courses
- Various soft skills included in the courses
- Contents of the courses provide good knowledge to students

### 2. Insights :

- Technical challenges in real world
- Technology advancements

## Summary of Findings:

### 1. Strengths identified:

Internships and trainings offered to students

Key areas of the industries are covered in the various courses

### 2. Areas for Improvement :

Focus on addressing social relevant issues

Needs project based / project centric learning

Research and Innovations



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## Action taken Report for AY 2023-24 based on Employer Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Innovation and Problem Solving skills - Needs to focus on innovation and product development

Emerging technologies and trends – Needs to improve critical thinking

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- Professional and Elective courses offered like Entrepreneurship Development, Research Methodology, Product life cycle management to improve problem solving skills, critical thinking and generate ideas for product developments.



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# Stakeholder's Feedback Analysis

And

Action taken Reports

A.Y. 2023-24



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### Key Indicator -1.4.1.2 Feedback Analysis and Action Taken Reports

| Sr. No. | Feedback on curriculum               |
|---------|--------------------------------------|
| 1       | Alumni Feedback Analysis (2023-24)   |
| 2       | Faculty Feedback Analysis (2023-24)  |
| 3       | Students Feedback Analysis (2023-24) |
| 4       | Parents Feedback Analysis (2023-24)  |
| 5       | Employer Feedback Analysis (2023-24) |



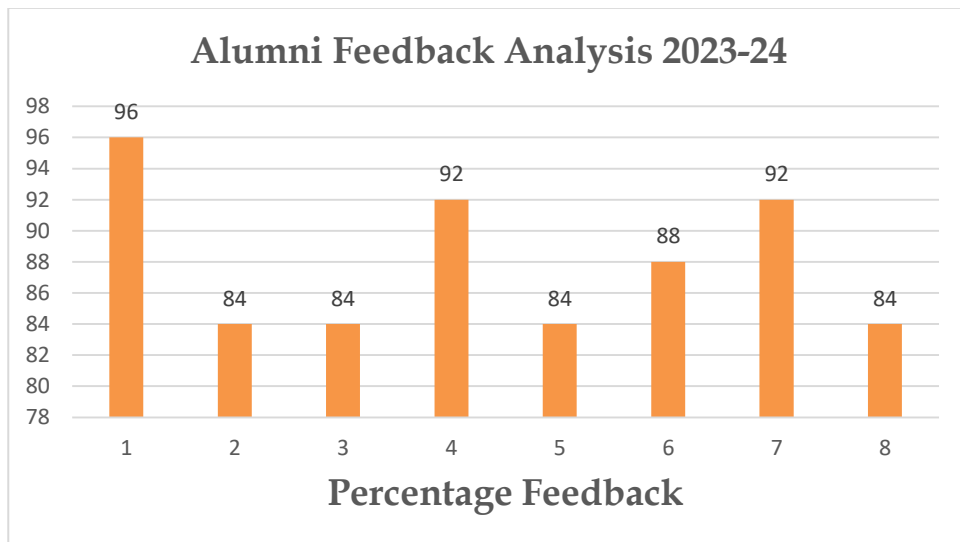
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1.4.1.2 Feedback System – Alumni Feedback Analysis

| Sr.No | Parameter   | %age Feedback |
|-------|---|---------------|
| 1     | How well did the curriculum prepare you for your career goals and professional responsibilities?                                | 96            |
| 2     | How comprehensive was the curriculum in covering the core topics and skills necessary for your field of work?                   | 84            |
| 3     | To what extent did the curriculum provide you with practical experience (e.g. labs, internships, projects)?                     | 84            |
| 4     | How well did the curriculum equip you with the technical skills needed in your profession?                                      | 92            |
| 5     | How effectively did the curriculum address the development of soft skills such as communication, teamwork, and problem-solving? | 84            |
| 6     | How well did the curriculum prepare you to adapt to changes and advancements in the engineering industry?                       | 88            |
| 7     | How would you rate the clarity and organization of the curriculum's structure and course sequencing?                            | 92            |
| 8     | How balanced was the workload and academic demand of the curriculum?  | 84            |



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## Descriptive Alumni Feedback Analysis:

Based on analysis of feedback given by Alumni it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Quality of reference material is good
- Curriculum provides the practical experience
- Curriculum helps in improving the technical skills

### 2. Insights :

- Assessment and Evaluation Methods are satisfactory
- Curriculum is Relevant with and Real-World Applications
- Found motivation and support from instructor
- Focus required to bridge the gap between Industry and Academia

## Summary of Findings:

### 1. Strengths identified:

Curriculum covers the technical skills and provides the practical experience.  
Development of Soft skills

### 2. Areas for Improvement :

Hands –on training can be further improved  
Some courses may be considered to minimize the gap between industry requirements



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**Action taken Report for AY 2023-24 based on  
Alumni Feedback Analysis**

The average score for the following questions are found to be low (i.e. less than 80%)

1. Adapt to changes and advancements in the engineering industry

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I,EDI-II,Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.

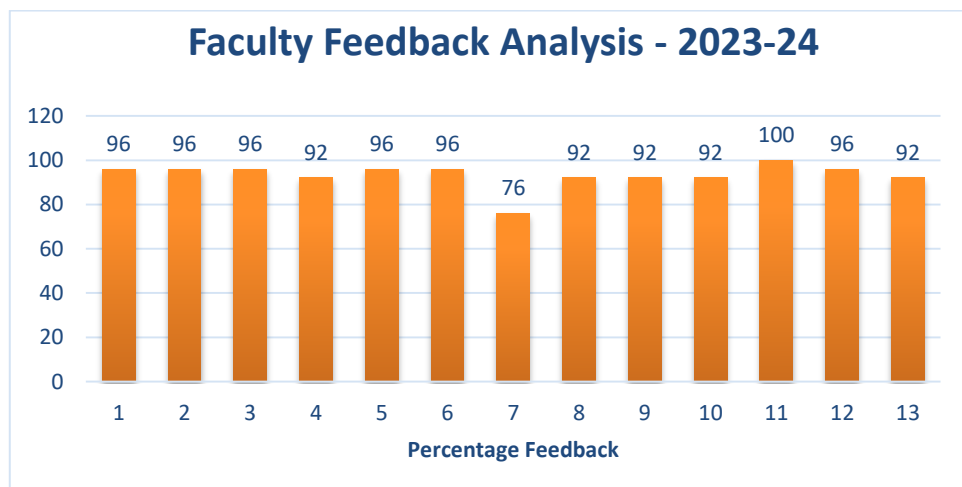


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### 1.4.1.2 Feedback System – Faculty Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How clear are the learning objectives of the course?   | 96         |
| 2  | Do the learning objectives align well with the course content?   | 96         |
| 3  | How would you rate the quality of the course materials provided(e.g. textbooks, articles, online resources)?                       | 96         |
| 4  | Is the course material relevant and up to date with current academic and industry standards?                                       | 92         |
| 5  | Does the content cover necessary topics adequately, without being too broad or too narrow?   | 96         |
| 6  | Are the instructional methods (e.g. lectures, discussions, projects) well aligned with the learning outcomes?                      | 96         |
| 7  | How effective are the teaching methods in engaging students and facilitating their learning.                                       | 76         |
| 8  | Is technology used effectively in the course to enhance learning (e.g. online platforms, multimedia tools)?                        | 92         |
| 9  | Are the assessment methods (e.g exams, assignments) well aligned with the learning objectives?                                     | 92         |
| 10 | Are the assessments clear, fair and effectively communicated to students?  | 92         |
| 11 | Are the feedback mechanisms (e.g timely grading, constructive comments) effective in helping students improve?                     | 100        |
| 12 | Are the strategies used to engage students(e.g. interactive activities, discussions) effective?                                    | 96         |
| 13 | Are sufficient resources and support available to assist students with their learning needs(e.g. office hours, academic advising)? | 92         |



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## Descriptive Faculty Feedback Analysis:

Based on analysis of feedback given by Faculty it is observed that

### 1. Comments :

- Overall Curriculum is Satisfactory
- Objectives are well defined
- Effective teaching methods
- Assessments methods aligned with course objectives

### 2 Insights :

- Quality of Learning material is good
- Supportive environment
- Use of online platforms and tools

### Summary of Findings:

#### 1. Strengths identified:

Learning outcomes

Content of the curriculum

#### 2. Areas for Improvement :

Need for Advanced software

Inculcate self-learning



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**Action taken Report for AY 2023-24 based on  
Faculty Feedback Analysis**

The average score for the following questions are found to be low (i.e. less than 80%)

Advanced technology for solving real life problems

Following points are implemented

- Internship Courses were introduced to enforce blended learning.
- Six months full internship courses introduced also aimed at helping students to be industry ready
- EDI- I,EDI-II,Soft Skills, Industry 4.0 courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.

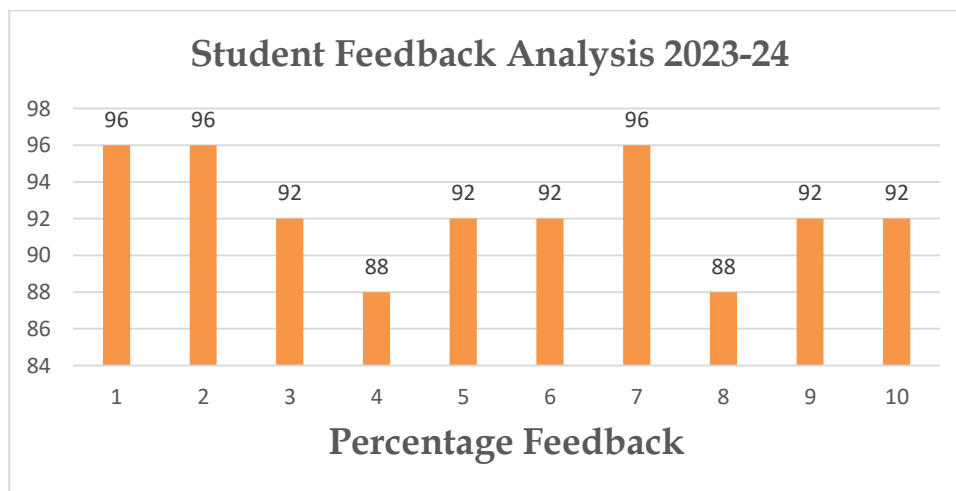


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### 1.4.1.2 Feedback System – Student Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How relevant do you find the current courses to your future career in engineering?   | 96         |
| 2  | How would you rate the depth and breadth of the course content?  | 96         |
| 3  | How effective is the structure of the courses(e.g. organizations, pacing and progression)  | 92         |
| 4  | How would you rate the quality and usefulness of the learning materials(e.g. textbooks, online resources, and lab equipment)           | 88         |
| 5  | Do the courses provide sufficient opportunities for practical application of theoretical knowledge(e.g. labs,projects and internships) | 92         |
| 6  | How effective are the instructors in delivering course material and engaging students?   | 92         |
| 7  | How accessible and supportive are the instructors outside of the class(e.g. office hours,feedback on assignments)                      | 96         |
| 8  | How well do you think the overall curriculum is designed to cover essential topics and skills in your field of study?                  | 88         |
| 9  | How would you rate the workload of the courses(e.g. balance of assignments, exams and projects)  | 92         |
| 10 | How conducive is the classroom environment to learning(e.g. facilities, technology, class size)  | 92         |



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## Descriptive Student Feedback Analysis:

Based on analysis of feedback given by students it is observed that

### 1. Comments :

- Courses are as per future career requirements
- Well structure and contents of the courses
- Effective teaching methods
- Quality learning materials

### 2. Insights :

- Skills required in domain wise industries
- Module wise courses
- Environment of class and conduction of practical

## Summary of Findings:

### 1. Strengths identified:

Good support and career guidance  
Technical events and workshops

### 2. Areas for Improvement :

Need for guidance of research and patents  
Competitive Examinations



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**Action taken Report for AY 2023-24 based on  
Student Feedback Analysis**

The average score for the following questions are found to be low (i.e. less than 80%)

Use of Practical knowledge and skills in real life applications

Following points are implemented

- GATE Sessions started for students.
- EDI- I, EDI-II, Soft Skills, courses offered to increase the focus on hands on component in curriculum and addressing the real life problems.
- Python Programming course offered to develop coding knowledge
- Students encouraged to enrol for NPTEL and SWAYAM courses

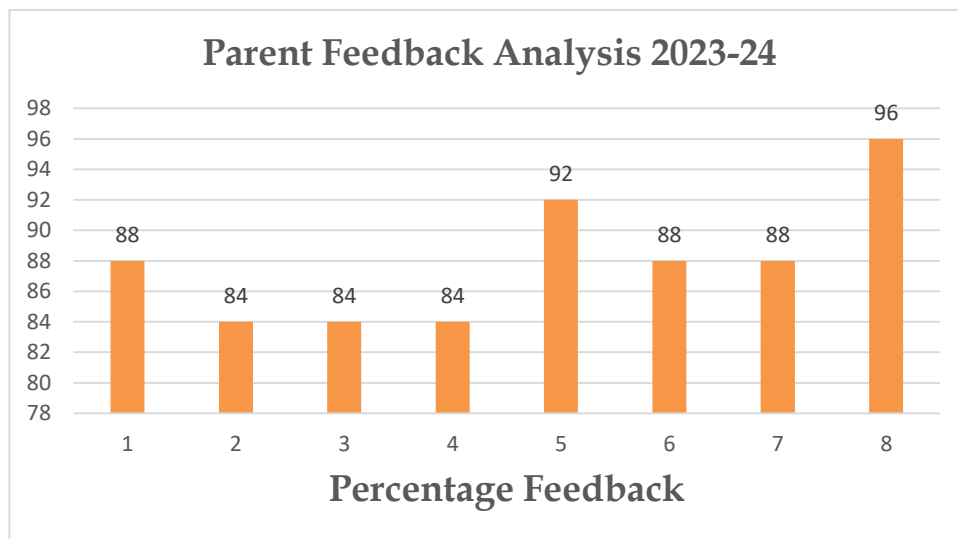


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1.4.1.2 Feedback System – Parent Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How well do you believe the current curriculum aligns with your child's career goals and aspirations in engineering?         | 88         |
| 2  | How comprehensive is the curriculum in covering essential subjects and skills necessary for a successful engineering career? | 84         |
| 3  | How effectively does the curriculum integrate practical experience such as labs and internships, or projects?                | 84         |
| 4  | How engaged is your child with the curriculum and the course material?   | 84         |
| 5  | How adequate are the support and resources provided to students (e.g academic advising, career services, learning materials) | 92         |
| 6  | How would you rate the balance of workload and academic demands in the curriculum?   | 88         |
| 7  | How clear and well-organised do you find the curriculum's structure and course sequencing?                                   | 88         |
| 8  | How well do you think the curriculum prepares students for engineering industry and workforce?                               | 96         |



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### **Descriptive Parent Feedback Analysis:**

Based on analysis of feedback given by parents it is observed that

#### **1 Comments :**

- Good curriculum
- Well contents of the courses as per skills required
- Good Academics and Discipline in the department

#### **2. Insights :**

- More industry connect required

### **Summary of Findings:**

#### **1. Strengths identified:**

GFM system is good for motivation and guidance of students  
Workload balance is satisfactory

#### **2. Areas for Improvement :**

Focus on addressing social relevant issues  
Needs project based / project centric learning



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## Action taken Report for AY 2023-24 based on Parent Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Career Goals - Needs to include courses focused on improving business acumen rather than jobs

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- New Product Design and Development, Entrepreneurship Development, AIML courses offered to students to improve business acumen and management-based courses can be offered.



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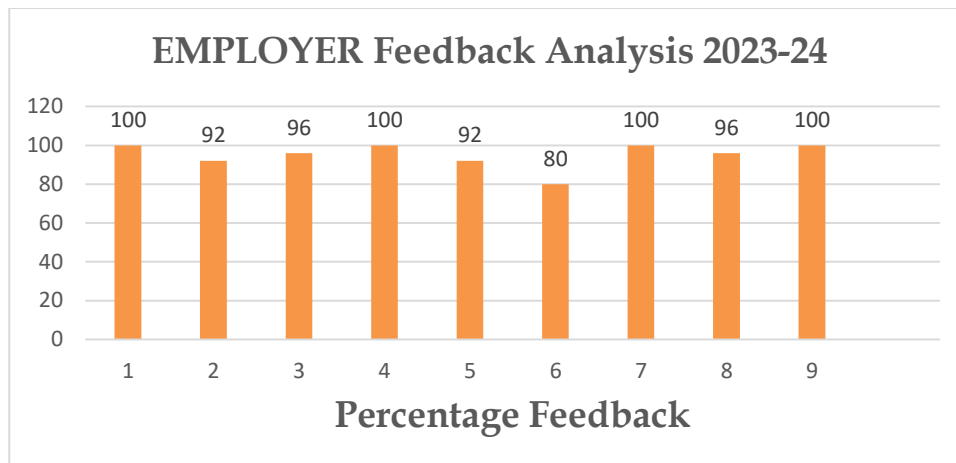
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### 1.4.1.2 Feedback System – Employer Feedback Analysis

| SN | Parameter  | % Feedback |
|----|--|------------|
| 1  | How well does the current computer application curriculum align with the skills and knowledge required in your industry?             | 100        |
| 2  | How effectively does the curriculum prepare post-graduates with the technical skills needed for their roles in your organization?    | 92         |
| 3  | How well does the curriculum address the development of essential soft skills (e.g., communication, teamwork, problem-solving)?      | 96         |
| 4  | How would you rate the overall competency of recent graduates from this curriculum in performing their job roles?                    | 100        |
| 5  | How well-prepared are graduates for real-world challenges and industry practices?  | 92         |
| 6  | How effectively do graduates demonstrate innovation and problem-solving skills that are critical in your industry?                   | 80         |
| 7  | How comprehensive is the curriculum in covering key areas of computer application relevant to your industry?                         | 100        |
| 8  | How sufficient are the opportunities provided within the curriculum for hands-on experience, such as internships, labs, or projects? | 96         |
| 9  | How well does the curriculum incorporate emerging technologies and current trends in computer application?                           | 100        |



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## Descriptive Employer Feedback Analysis:

Based on analysis of feedback given by various Industry persons and employers it is observed that

### 1. Comments :

- Technical skills offered in the different courses
- Various soft skills included in the courses
- Contents of the courses provide good knowledge to students

### 2. Insights :

- Technical challenges in real world
- Technology advancements

## Summary of Findings:

### 1. Strengths identified:

Internships and trainings offered to students

Key areas of the industries are covered in the various courses

### 2. Areas for Improvement :

Focus on addressing social relevant issues

Needs project based / project centric learning

Research and Innovations



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## Action taken Report for AY 2023-24 based on

### Employer Feedback Analysis

The average score for the following questions are found to be low (i.e. less than 80%)

Innovation and Problem Solving skills - Needs to focus on innovation and product development

Emerging technologies and trends – Needs to improve critical thinking

Following points are implemented

- Innovation and Incubation Foundation Centre started for students for promoting ideas of students to start-ups
- Activities for promoting entrepreneurship through Various Professional chapters and clubs
- Professional and Elective courses offered like Entrepreneurship Development, Research Methodology, Product life cycle management to improve problem solving skills, critical thinking and generate ideas for product developments.



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