Bansilal Ramnath Agarwal Charitable Trust's
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Department of Industrial & Production Engineering

Feedback System for Curriculum Development

For AY 2021-22

I. Stakeholder's Feedback collection

II. Feedback Analysis

III. Action Taken Report

IV. Communication to BoS

V. Hosted on the institutional website

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Department of Industrial & Production Engineering

I) Stakeholder's Feedback collection for A. Y. 2021-22

1. **Stakeholder's Feedback collected: Sample Teachers Feedback**
2. **Stakeholder's Feedback collected: Sample Employers Feedback**
3. **Stakeholder's Feedback collected: Sample Alumni Feedback**
4. **Stakeholder's Feedback collected: Sample Students Feedback**
5. **Stakeholder's Feedback collected: Sample Parents Feedback**

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Faculty/ Parents/ Employer/ Alumni/ Students Feedback on Curriculum and Structure Design / Review

Department: IPED AY: 2021-22

Kindly rate on the scale of 1 to 10. Consider 10 excellent and 1 poor.

Q. No.	Question	Rating On 1-10 scale	Remarks
1	Bridge the gap between industry requirements and academia.	7	
2	Potential for Employability.	6	
3	Curriculum covers the latest state of art topics.	7	
4	Reference material and books available.	6	
5	Blended learning and futuristic pedagogy.	8	
6	Evaluation methods for providing proper assessment.	7	
7	Hands-on component in the Curriculum is satisfactory.	8	
8	Covers of socially relevant issues.	7	
9	Curriculum gives inputs to students for business acumen and ethical practices.	7	
10	Knowledge gain through project-based learning / project centric learning.	8	

Comments (If Any): _____

Name: Dr Varsha Karandikar
Organization: Vishwakarma Institute of Technology
Sign:

(Note: Feedback is to be taken at the end of every Academic Year from all stake holders)

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Faculty/ Parents/ Employer/ Alumni/ Students Feedback on Curriculum and Structure Design / Review

Department: Industrial Engineering AY: 2021-2022

Kindly rate on the scale of 1 to 10. Consider 10 excellent and 1 poor.

Q. No.	Question	Rating On 1-10 scale	Remarks
1	Bridge the gap between industry requirements and academia.	8	
2	Potential for Employability.	7	
3	Curriculum covers the latest state of art topics.	8	
4	Reference material and books available.	7	
5	Blended learning and futuristic pedagogy.	8	
6	Evaluation methods for providing proper assessment.	9	
7	Hands-on component in the Curriculum is satisfactory.	7	
8	Covers of socially relevant issues.	6	
9	Curriculum gives inputs to students for business acumen and ethical practices.	7	
10	Knowledge gain through project-based learning / project centric learning.	8	

Comments (If Any): Need more explosure to Industrial visit.

Name: Sachin Sanjay Rakibe
Organization: IMB Solution
Sign:

(Note: Feedback is to be taken at the end of every Academic Year from all stake holders)

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Faculty/ Parents/ Employer/ Alumni/ Students Feedback on
Curriculum and Structure Design / Review

Department: Industrial Engineering AY: 2021-22

Kindly rate on the scale of 1 to 10. Consider 10 excellent and 1 poor.

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3	Curriculum covers the latest state of art topics.	8	
4	Reference material and books available.	9	
5	Blended learning and futuristic pedagogy.	6	
6	Evaluation methods for providing proper assessment.	8	
7	Hands-on component in the Curriculum is satisfactory.	7	
8	Covers of socially relevant issues.	6	
9	Curriculum gives inputs to students for business acumen and ethical practices.	7	
10	Knowledge gain through project-based learning / project centric learning.	8	

Comments (If Any): _____

Name: Sejal More
Organization: Research Internship at VIT, Pune.
Sign:

(Note: Feedback is to be taken at the end of every Academic Year from all stake holders)

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~~Faculty/ Parents/ Employer/ Alumni/~~ Students Feedback on Curriculum and Structure Design / Review

Department: Industrial & Production Engg AY: 2021-22

Kindly rate on the scale of 1 to 10. Consider 10 excellent and 1 poor.

Q. No.	Question	Rating On 1-10 scale	Remarks
1	Bridge the gap between industry requirements and academia.	7	
2	Potential for Employability.	7	
3	Curriculum covers the latest state of art topics.	8	
4	Reference material and books available.	9	
5	Blended learning and futuristic pedagogy.	7	
6	Evaluation methods for providing proper assessment.	7	
7	Hands-on component in the Curriculum is satisfactory.	8	
8	Covers of socially relevant issues.	8	
9	Curriculum gives inputs to students for business acumen and ethical practices.	7	
10	Knowledge gain through project-based learning / project centric learning.	9	

Comments (If Any): More Industrial hands on experience needed.

Name: Aditi Patil
Organization: VIT Pune
Sign: Adeethi.

(Note: Feedback is to be taken at the end of every Academic Year from all stake holders)

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Faculty/ Parents/ Employer/ Alumni/ Students Feedback on
Curriculum and Structure Design / Review

Department: Industrial Engineering AY: 2021-22

Kindly rate on the scale of 1 to 10. Consider 10 excellent and 1 poor.

Q. No.	Question	Rating On 1-10 scale	Remarks
1	Bridge the gap between industry requirements and academia.	8	
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5	Blended learning and futuristic pedagogy.	6	
6	Evaluation methods for providing proper assessment.	7	
7	Hands-on component in the Curriculum is satisfactory.	6	
8	Covers of socially relevant issues.	8	
9	Curriculum gives inputs to students for business acumen and ethical practices.	9	
10	Knowledge gain through project-based learning / project centric learning.	7	

Comments (If Any): NA

Name: Vijay kumthekar.
Organization: ANkushrao tope college, Sambhajinagar university
Sign:

(Note: Feedback is to be taken at the end of every Academic Year from all stake holders)

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II) Feedback Analysis

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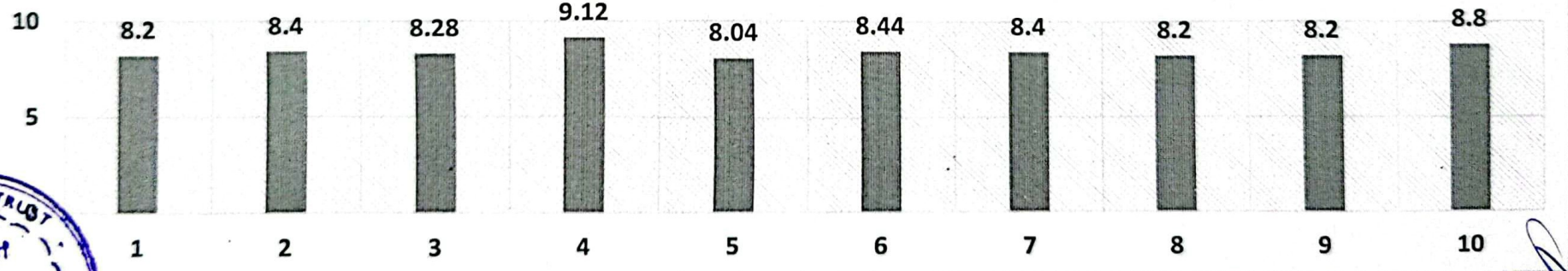
Department of Industrial & Production Engineering

Stakeholder's feedback collection for A. Y. 2021-22 and Feedback Analysis – Industrial Engg

Academic Year	Stakeholders	No. of Feedback Received	Q. No.	1	2	3	4	5	6	7	8	9	10
			Question	Bridge the gap between industry requirements and academia	Potential for Employability	Curriculum covers the latest state of art topics	Reference material and books available	Blended learning and futuristic pedagogy	Evaluation methods for providing proper assessment	Hands-on component in the Curriculum is satisfactory	Covers of socially relevant issues	Curriculum gives inputs to students for business acumen and ethical practices	Knowledge gain through experiential learning
2021-22	Students	5	Average score	8.6	8.4	8.6	8.4	8.4	8.4	8.4	8.6	7.6	9
	Teachers	5		9	9.4	8.8	8.2	8.8	9.4	8.8	8.8	8.8	9.4
	Employers	5		9	8.2	9	8.4	8.8	9.2	8.6	8.8	9	9.2
	Alumni	5		7	7.4	7.4	7.4	7	7.2	7.6	7.6	7.6	7.8
	Parent	5		7.4	7.6	7.6	7	7.2	7.6	7.2	7	7.8	8.6

Question Wise Avg Score for AY 2021-22



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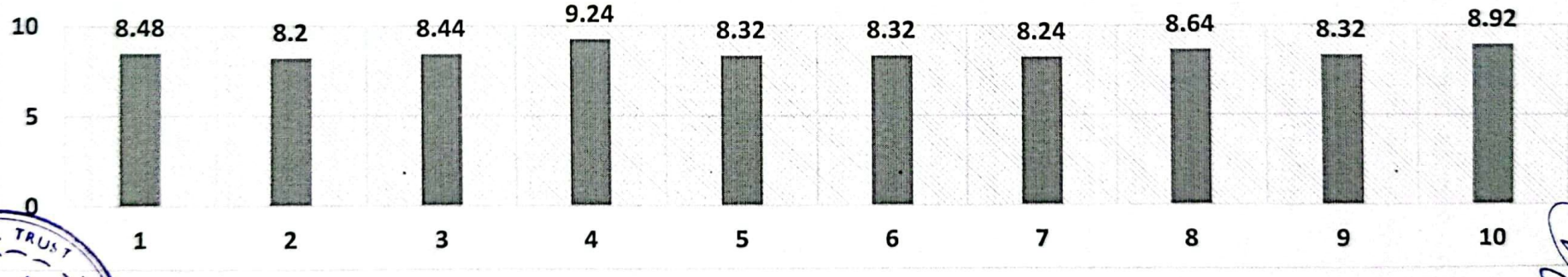
Department of Industrial & Production Engineering

Stakeholder's feedback collection for A. Y. 2021-22 and Feedback Analysis – Production Engg

Academic Year	Stakeholders	No. of Feedback Received	Q. No.	1	2	3	4	5	6	7	8	9	10
			Question	Bridge the gap between industry requirements and academia	Potential for Employability	Curriculum covers the latest state of art topics	Reference material and books available	Blended learning and futuristic pedagogy	Evaluation methods for providing proper assessment	Hands-on component in the Curriculum is satisfactory	Covers of socially relevant issues	Curriculum gives inputs to students for business acumen and ethical practices	Knowledge gain through experiential learning
2021-22	Students	5	Average score	8.8	8.6	9.6	9.2	8.8	8.8	8.4	8.6	9.2	8.8
	Teachers	5		8.6	8.4	8.2	7.8	8.6	8.4	8.6	8.8	8.2	8.2
	Employers	5		8.4	8.2	8.6	8.6	8.4	8.6	7.8	7.8	7.8	8.4
	Alumni	5		9.4	9.2	9.2	8.6	8.8	9.6	9.6	9.2	9.6	10
	Parent	5		9.4	9.2	8.8	9.2	9.4	9.2	9.2	9	9.6	9.8

Question Wise Avg Score for AY 2021-22



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Descriptive Feedback Analysis:

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

a) Scarcity of learning resources with speedily changing curriculum, and students lack of concern towards social relevance has been worrisome from parents point of view.

b) However, ample avenues for experiential learning, imparting business sense and opportunities for hands on learning were applauded

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

a) Students found efforts in curriculum to be balanced one from employability, entrepreneurship, knowledge gaining point of view.

b) Enough avenues for experiential learning have been sensed by them

Teachers: Based on analysis of feedback given by faculties it is observed that:

a) Difficulty in evaluation of some assessment tools and employability potential were the points of concern

b) Curriculum justifies itself with state-of-the-art topics, experiential learning and ample avenues for developing business acumen and experiential learning

Industry: Based on analysis of feedback given by employers it is observed that:

a) Teachers continuously raised concerns regarding availability of learning resources.

b) Assessment tools were found to be modern and cater learners of diverse learning backgrounds.

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

a) Industrial relevance, blended learning and futuristic pedagogy were minor concerns expressed

b) Activities strengthening experiential learning, business acumen and ethical practices were applauded

Over-all Analysis: Based on feedback, stakeholders expressed satisfaction over updation frequency in curriculum, activities for hands on and experiential learning. A need of self-paced learning courses and courses emphasizing reduction in industry academia gap was realized.

Prof. A. U. Rajurkar,
Member Secretary

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Prof. (Dr.) G N Kotwal
Chairman-BoS

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III) Action Taken Report

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Action taken report for AY 2022-23 Based on Stakeholders Feedback Analysis

Updation frequency in curriculum, activities for hands on and experiential learning were key highlights of satisfaction from stakeholders' feedback analysis. A need of self-paced learning courses and courses emphasizing reduction in industry academia gap was realized.

Pertaining to this various linkedin and NPTEL courses on self-pace basis were proposed to be offered as non-credit courses to students. In addition to this Design Thinking was proposed to be introduced to yield intellectual property outcomes from project and internship works of students.

Prof. A U Rajurkar,
Member Secretary

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Prof. (Dr.) G N Kotwal
Chairman-BoS

**Head,
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IV) Communication to the BoS-Industrial & Production Engg.

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VI / IPED / BOS – 18 Date – 24/09/2022

Minutes of Eighteenth meeting of Board of Studies in Industrial and Production Engineering Department, Vishwakarma Institute of Technology, Pune-37 held on 24th September 2022, Friday.

Meeting No – BOS / IPED / 18 / 2022 Date – 24/09/2022

Venue – Metallurgy Lab (2202), IPED Dept, VIT Pune

The following members were present:-

1) Dr. G N Kotwal, Head of Department – Chairman, B.O.S.
2) Dr. B Rajiv, Dept of Manufacturing Engg & Industrial Management, COE Pune
3) Prof. R. K. Ambegaonkar, Former Eminent Professor COEP
4) Dr. Vinayak Marathe, Director, Envy Solutions Pvt. Ltd, Pune

The following members conveyed their last-minute inability to attend the meeting.

1) Mr. Pranav Patil
2) Mr. B. V. Joglekar

In addition, following members and Faculty from the Department were present to share their views.

1. Prof. S. S. Kuber – Member
2. Prof. N. B. Patki – Faculty and Dean, Finance
3. Prof. P. R. Vaidya - Faculty
4. Dr. Mrs. V. N. Karandikar - Member
5. Dr. R. J. Chaudhari – Member
6. Prof. A. U. Rajurkar – Member Secretary
7. Prof. R. S. Bharsakade – Member
8. Prof. P. K. Kale – Faculty
9. Dr. P. M. Gaigole – Faculty
10. Prof. V. K. Itnal - Faculty
11. Prof. G. M. Gambhire - Faculty

Following students also attended meeting as special invitee:

1. Prem Meher
2. Poornima Bamb

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Dr. G. N. Kotwal, Chairman, BOS, extended warm welcome to all the members. He updated the Board about the activities conducted by department since last BoS that was held on 8th April 2022.

The Board of Studies considered the items on the agenda and the items permitted by the chair and following things were discussed:

Item 1. Read and confirm the minutes of last BoS meeting
The minutes of the last meeting were read and confirmed.
Item 2. Review of Stakeholder's feedback analysis for A.Y. 2021-22 and Approval for action taken report for A.Y. 2022-23
Resolution: The stakeholder's feedback and its analysis were presented for AY 2021-22 and Action taken report is approved for A. Y. 2022-23. Proposed By – Dr. R S Bharsakade Seconded By – Prof. S S Kuber
Item 3. To present revised structure of B Tech Industrial and B Tech Production Engg for AY 2022-23 for approval
Dr. G N Kotwal, Chairman-BoS explained philosophy behind existing academic structure for UG courses. He gave presentation on salient features of new pattern of Academic Structure & Syllabi of B Tech Industrial Engg and B Tech Production Engg course effective in A.Y. 2022-23. Philosophy behind Immersion of course 'Design Thinking' was also explained to board members and they applauded the concept. Analysis of stakeholders feedback and action taken on the feedback were also presented. **Resolution** – The proposed structure effective for Academic Year 2022-23 for B Tech Industrial Engg and B Tech Production Engg Course has been presented to members of Board of studies. Proposed by – Dr. G N Kotwal Seconded by – Prof. A U Rajurkar, Dr. V N Karandikar **Please refer Annexure-I**: Revised structure of B Tech Industrial and B Tech Production Engg for AY 2022-23
Item 4. Mission, Vision, PEOs, PSOs review and revision if required

Head,
Industrial &
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Review of Stakeholder's Feedback Analysis for A. Y. 2021-22 – Industrial Engg

Academic Year	Stakeholders	No. of Feedback Received	Q. No.	1	2	3	4	5	6	7	8	9	10
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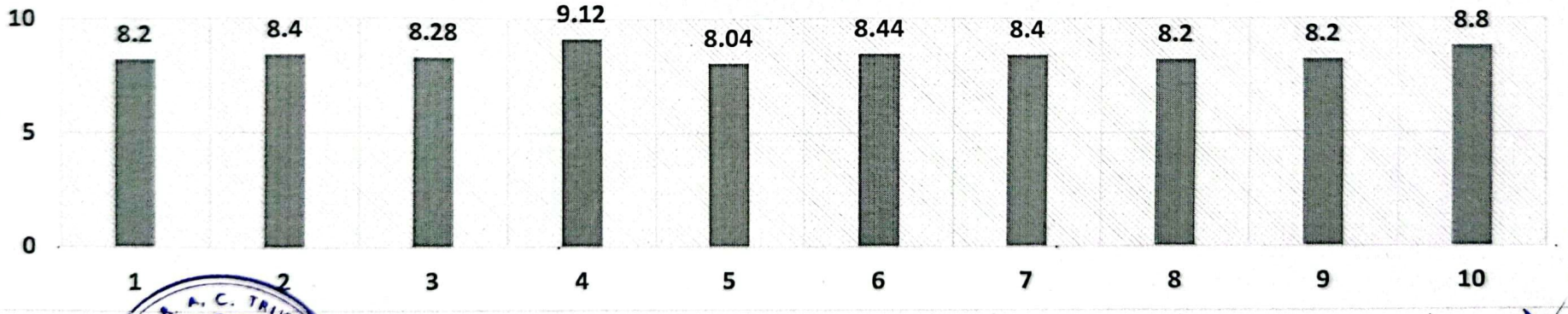
	Alumni	5		7	7.4	7.4	7.4	7	7.2	7.6	7.6	7.6	7.8
	Parent	5		7.4	7.6	7.6	7	7.2	7.6	7.2	7	7.8	8.6

Question Wise Avg Score for AY 2021-22



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Industrial &
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Review of Stakeholder's Feedback Analysis for A. Y. 2021-22 – Production Engg

Academic Year	Stakeholders	No. of Feedback Received	Q. No.	1	2	3	4	5	6	7	8	9	10
			Question	Bridge the gap between industry requirements and academia	Potential for Employability	Curriculum covers the latest state of art topics	Reference material and books available	Blended learning and futuristic pedagogy	Evaluation methods for providing proper assessment	Hands-on component in the Curriculum is satisfactory	Covers of socially relevant issues	Curriculum gives inputs to students for business acumen and ethical practices	Knowledge gain through experiential learning
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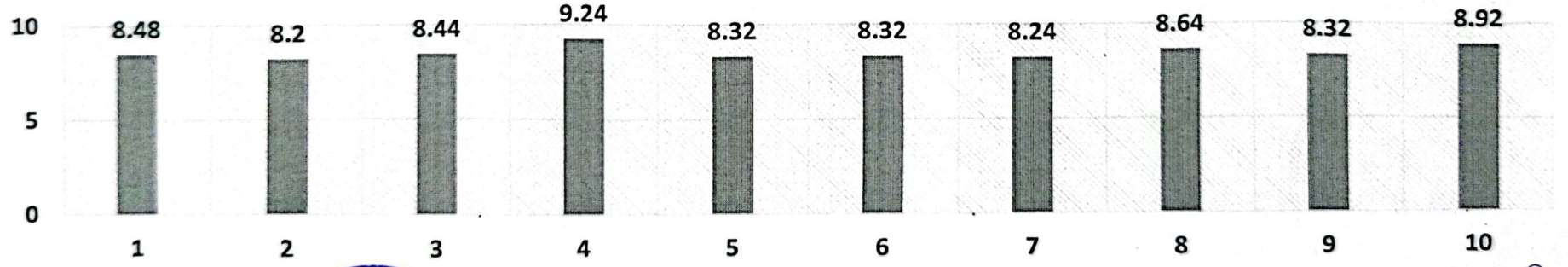
	Employers	5		8.4	8.2	8.6	8.6	8.4	8.6	7.8	7.8	7.8	8.4
	Alumni	5		9.4	9.2	9.2	8.6	8.8	9.6	9.6	9.2	9.6	10
	Parent	5		9.4	9.2	8.8	9.2	9.4	9.2	9.2	9	9.6	9.8

Question Wise Avg Score for AY 2021-22



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Industrial &
Production Engg. Dept

Actions Proposed for AY 2022-23

Updation frequency in curriculum, activities for hands on and experiential learning were key highlights of satisfaction from stakeholders' feedback analysis. A need of self-paced learning courses and courses emphasizing reduction in industry academia gap was realized.

Pertaining to this various linkedin and NPTEL courses on self-pace basis were proposed to be offered as non-credit courses to students. In addition to this Design Thinking was proposed to be introduced to yield intellectual property outcomes from project and internship works of students.

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