



Feedback System for Curriculum Development

For AY 2020-21

- I. Stakeholder's Feedback collection
- II. Feedback Analysis
- III. Action Taken Report
- IV. Communication to BoS
- V. Hosted on the institutional website




Head,
Industrial &
Production Engg. Dept



Bansilal Ramnath Agarwal Charitable Trust's

Vishwakarma Institute of Technology

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

666, Upper Indiranagar, Bibwewadi, Pune 411 037

Department of Industrial & Production Engineering

I) Stakeholder's Feedback collection for A. Y. 2020-21

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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Bansilal Ramnath Agarwal Charitable Trust's

Vishwakarma Institute of Technology, Pune 37

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

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

Department: IPED

AY: 2020-21

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

Comments (If Any): _____

Name: Pranav K. Kale

Organization: IPED, 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: IED

AY: 2020-21

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.	9	
2	Potential for Employability.	8	
3	Curriculum covers the latest state of art topics.	7	
4	Reference material and books available.	8	
5	Blended learning and futuristic pedagogy.	7	
6	Evaluation methods for providing proper assessment.	8	
7	Hands-on component in the Curriculum is satisfactory.	9	
8	Covers of socially relevant issues.	7	
9	Curriculum gives inputs to students for business acumen and ethical practices.	9	
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Comments (If Any): _____

Name: Ashay D. Deshmukh

Organization: Mangalore Minerals Pvt. Ltd.

Sign: [Signature]

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



[Signature]
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Department: IPED

AY: 2020-21

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

Comments (If Any): _____

Name: Pooja Japkar

Organization: Nandan Petro chemicals.

Sign: [Signature]

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

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

Department: Industrial & Production Engineering AY: 2020-21

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.	8	
3	Curriculum covers the latest state of art topics.	8	
4	Reference material and books available.	8	
5	Blended learning and futuristic pedagogy.	9	
6	Evaluation methods for providing proper assessment.	7	
7	Hands-on component in the Curriculum is satisfactory.	9	
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.	8	

Comments (If Any): Industry visits on time.

Name: Madura Dabok

Organization: Vishwakarma Institute of Technology, Pune

Sign: Madura Dabok

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



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

Department: Industrial Engineering AY: 2020-21

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.	10	
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Comments (If Any): Curriculum is able to outgrow industry ready candidates.

Name: Vijay M. Nilawar

Organization: State Government

Sign: VAN

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



[Signature]
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II) Feedback Analysis




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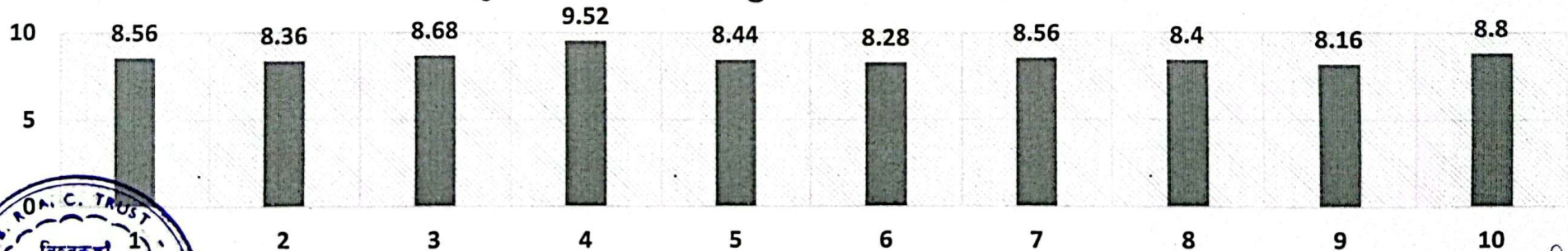


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Stakeholder's feedback collection for A. Y. 2020-21 and Feedback Analysis – Industrial Engg

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
2020-21	Students	5	Average score	8.2	8	8.8	8.2	8.8	7.8	7.8	8.8	9.4	8.4
	Teachers	5		9	9	9.4	8.6	8.8	8.6	8.8	8.4	9	9
	Employers	5		8.6	8.4	8.4	8.2	9	8.4	9.2	8.4	8.6	8.8
	Alumni	5		8.6	8.4	8.2	9.4	8.4	7.8	9.2	8.4	9	8.8
	Parent	5		8.4	8	8.6	8.2	7.2	8.8	7.8	8	8.4	9

Question Wise Avg Score for AY 2020-21



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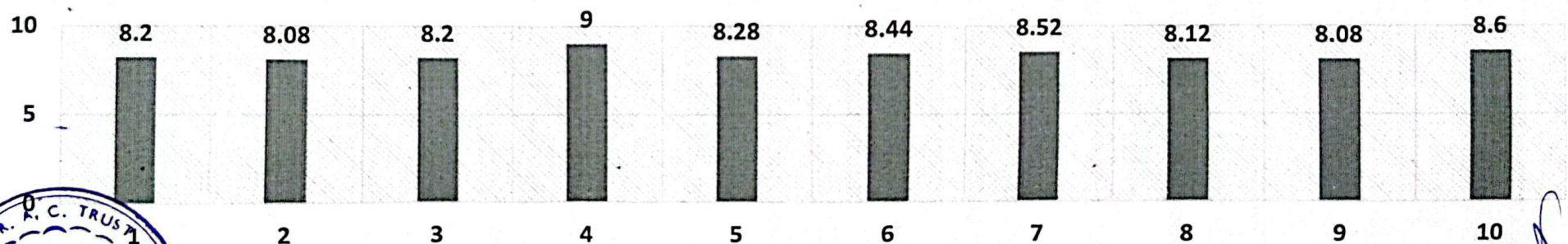


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 Department of Industrial & Production Engineering

Stakeholder's feedback collection for A. Y. 2020-21 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
2020-21	Students	5	Average score	8.2	8.4	9	8	8	8.8	8.8	8.4	8.6	8.4
	Teachers	5		8.2	7.8	8.4	8	8.4	7.8	8.2	8.6	8.4	8
	Employers	5		8.4	7.6	7.8	7.8	8.2	9	8.4	7	8.2	8.8
	Alumni	5		8	8.6	7.6	8.6	9.6	8.6	8.4	8.4	7.4	8.8
	Parent	5		8.2	8	8.2	7.6	7.2	8	8.8	8.2	7.8	8.6

Question Wise Avg Score for AY 2020-21





Descriptive Feedback Analysis:

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

- a) A concern over blended learning and futuristic pedagogy and components weighing hands activities have been expressed.
- b) However, satisfaction on knowledge gaining through experiential learning and novel assessment and evaluation methods was observed

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

- a) Students expressed the inadequacy of learning resources and blended learning and futuristic pedagogy
- b) Curriculum was observed to be state of the art with latest topics catering to develop business acumen and impart ethical practices

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) Students employment was reasoned to get affected due to slow pace updation of curriculum, lack of concern by students to social issues.
- b) Blended teaching learning model with futuristic pedagogical practices and novel assessment tools definitely help students to remain up to date.

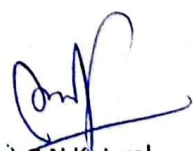
Alumni: Based on analysis of feedback given by Alumni it is observed that:

- a) Alumni wish more updations in curriculum to make it more modern to meet ethical and business requirements with more improvements in assessment tools
- b) They expressed their satisfaction over availability of learning resources, novel pedagogical initiatives with blended and experiential learning

Over-all Analysis: Based on feedback by all stakeholders, stakeholders are satisfied over the nature of activities to align industrial requirement. Curriculum updations pace improvement has been echoed from many stakeholders.


Prof. A U Rajurkar,
Member Secretary




Prof. (Dr.) G N Kotwal
Chairman-BoS
**Head,
Industrial &
Production Engg. Dept**



III) Action Taken Report




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Action taken report for AY 2021-22 Based on Stakeholders Feedback Analysis

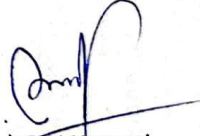
Availability of learning resources, experiential learning, inclusion of hands on components in teaching-learning and curriculum highlighting state of the art topics were the avenues for satisfaction in curriculum.

In order to bring updates in curriculum, more new courses like Advanced Robotics & Digital Manufacturing, Additive Manufacturing, Logistics & Supply Chain Management, World Class Manufacturing & Industry 4.0, Enterprise Resource Planning Systems, Advanced Manufacturing Processes and Mechatronics & Industrial Robotics were introduced in curriculum.

Also, to strengthen the evaluation process, weightages of assessment components were also changed for better evaluation of students' knowledge and skills.


Prof. A U Rajurkar,
Member Secretary




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

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




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Industrial &
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VI / IPED / BOS – 16

Date – 31/07/2021

Minutes of Sixteenth meeting of Board of Studies in Industrial and Production Engineering Department, Vishwakarma Institute of Technology, Pune-37 held on 31st July 2021, Saturday.

Meeting No – BOS / IPED / 16 / 2021

Date – 31/07/2021

Venue – Online through Google Meet ID - <https://meet.google.com/en0-ocmx-omx>

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) Dr. Vinayak Marathe, Director, Envy Solutions Pvt. Ltd, Pune
- 4) Prof. R. K. Ambegaonkar
- 5) Mr. B. V. Joglekar

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

- 1) Mr. Pranav Patil

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

1. Prof. S. S. Kuber - Member
2. Prof. P. R. Vaidya - Faculty
3. Dr. Mrs. V. N. Karandikar - Member
4. Dr. R. J. Chaudhari – Member
5. Prof. A. U. Rajurkar – Member Secretary
6. Prof. R. S. Bharsakade - Member
7. Prof. G. M. Gambhire - Faculty

Following students also attended meeting as special invitee:

- 1) Ayush Jain
- 2) Rajlakshmi Kolur

Dr. G N Kotwal, Chairman, BOS, extended welcome to all the members. He updated the Board about the activities conducted by department since last BoS.

Screenshots of meeting are taken as Attendance and attached as Annexure-III.

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


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Proposed by – Dr. R S Bharsakade

Seconded by – Prof. G M Gambhire, Prof. P R Vaidya

Item 4. Review of Stakeholder's feedback analysis for A.Y. 2020-21 and Approval for action taken report for A.Y. 2021-22

Resolution: The stakeholder's feedback and its analysis were presented for AY 2020-21 and Action taken report is approved for A. Y. 2021-22.

Proposed By – Dr. V N Karandikar

Seconded By – Prof. P R Vaidya

Item 5. Any other agenda with the permission of Chairman-Board of studies

Need for changes in Examination and Assessment scheme for students assessment and evaluation in virtual mode was discussed and members tendered very valuable suggestions and inputs.

The meeting concluded with vote of thanks.

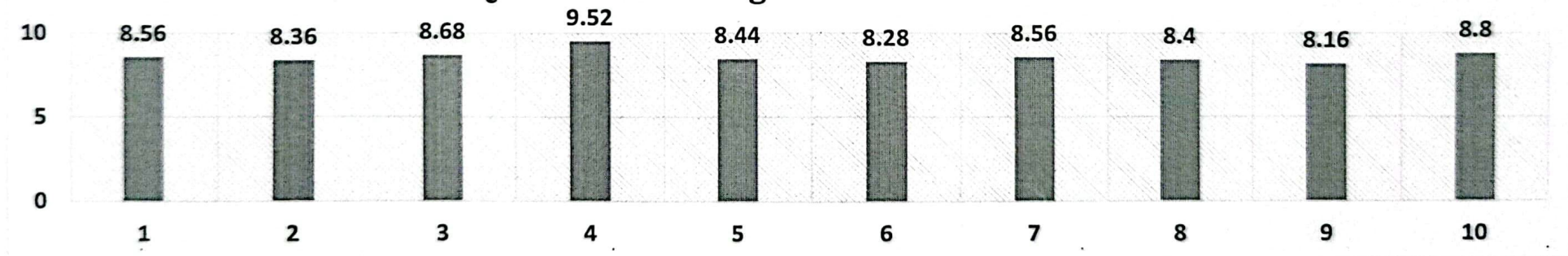



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Review of Stakeholder's Feedback Analysis for A. Y. 2020-21– Industrial Engg

Academic Year	Stakeholders	No. of Feedback Received	Q. No.	1	2	3	4	5	6	7	8	9	10
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Question Wise Avg Score for AY 2020-21

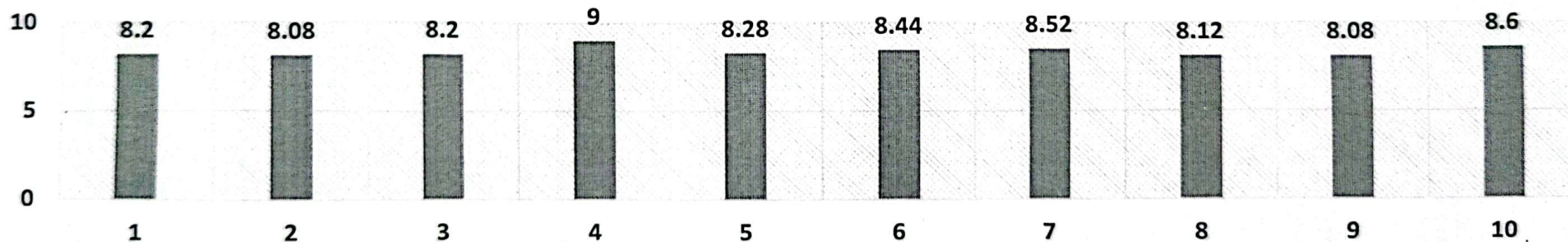


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 Industrial &
 Production Engg. Dept**

Review of Stakeholder's Feedback Analysis for A. Y. 2020-21 – Production 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		8	8.6	7.6	8.6	9.6	8.6	8.4	8.4	7.4	8.8
	Parent	5		8.2	8	8.2	7.6	7.2	8	8.8	8.2	7.8	8.6

Question Wise Avg Score for AY 2020-21



[Signature]
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 Industrial &
 Production Engg. Dept**

Proposed Actions for AY 2021-22

Availability of learning resources, experiential learning, inclusion of hands on components in teaching-learning and curriculum highlighting state of the art topics were the avenues for satisfaction in curriculum.

In order to bring updates in curriculum, more new courses like Advanced Robotics & Digital Manufacturing, Additive Manufacturing, Logistics & Supply Chain Management, World Class Manufacturing & Industry 4.0, Enterprise Resource Planning Systems, Advanced Manufacturing Processes and Mechatronics & Industrial Robotics were introduced in curriculum.

Also, to strengthen the evaluation process, weightages of assessment components were also changed for better evaluation of students' knowledge and skills.



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