



(An Autonomous Institute Affiliated to Savitribai Phule Pune University)
666, Upper Indiranagar, Bibwewadi, Pune 411 037
Department of Industrial & Production Engineering

Feedback System for Curriculum Development

For AY 2019-20

- 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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I) Stakeholder's Feedback collection for A. Y. 2019-20

- 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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Department of Industrial & Production Engineering

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: Ind & Prod

AY:2019-2020

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

Q.	Question	Rating	Remarks
No.	The same of the sa	On 1-10 scale	
1	Bridge the gap between industry requirements and academia.	10	8:
2	Potential for Employability.	9	
3	Curriculum covers the latest state of art topics.	9	
4	Reference material and books available.	8	
.5	Blended learning and futuristic pedagogy.	9	1 3
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.	8	
10	Knowledge gain through project-based learning / project centric learning.	8	

Comments (If Any): More Importance to job oriented coruses.

Name:

Ris. Bharsahade

Organization: V.I.T. Pune

Sign:

ASB

(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: TPED

AY: 2019 -20

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

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

Comments (If Any):

Name: Mr-Destpande Organization: Godargei Pack(11 board didenty

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

Department: Industrial Engineering AY: 2019-2028

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

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

Comments (If Any): Industrial visits should be arranged

Name: Shreya Desai.

Organization: Mercedes - Benz India.

Sign: S.P.Derai

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

Department: Industrial and production angineering department AY: 2019-20

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.	g	
2	Potential for Employability.	10	Alexander of
3	Curriculum covers the latest state of art topics.	10	
4	Reference material and books available.	9	40776
5	Blended learning and futuristic pedagogy.	10	75=7-5
6	Evaluation methods for providing proper assessment.	10	
7	Hands-on component in the Curriculum is satisfactory.	9	The second second
8	Covers of socially relevant issues.	10	
9	Curriculum gives inputs to students for business acumen and ethical practices.	9	No.
10	Knowledge gain through project-based learning / project centric learning.	10	

Comments (If Any): Internship appretunity.

Name: Prasanna bairagi

Organization: VIT Sign: Provent

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

Department: Industrial froducti-AY: 2019-2020 - on engineering

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

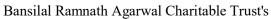
Q.	Question	Rating	Remarks
No.		On 1-10 scale	
1	Bridge the gap between industry requirements and academia.	9	
2	Potential for Employability.	g	
3	Curriculum covers the latest state of art topics.	9	
4	Reference material and books available.	9	
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6	Evaluation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

Comments (If Any): Arrange More Cruest Leacture.

Name: Machindra Murade Organization: Dept. of Agriculture Cout. of Maharashtra.

Sign:

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II) Feedback Analysis



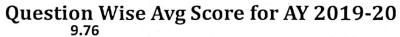


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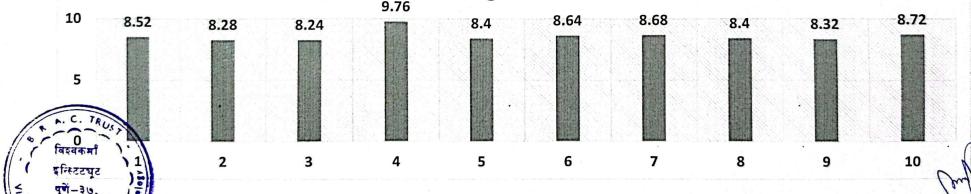
Department of Industrial & Production Engineering

Stakeholder's feedback collection for A. Y. 2019-20 and Feedback Analysis – Industrial Engg

	-		Q. No.	1	2	3	4	5	6	7	8	9	10
Academic Year	Stakeholders	No. of Feedback Received	Question	Bridge the gap between industry requirements and academia	Potential for Employability	Curriculum covers the latest state of art topics	material and books	learning and futuristic	Evaluation methods for providing proper assessment	Hands-on component in the Curriculum is satisfactory	socially relevant	Curriculum gives inputs to students for business acumen and ethical practices	Knowledge gain through experiential learning
	Students	5		8.4	8.4	8.8	8	8.6	8.4	8.8	9	8.4	8.6
	Teachers	5		8.8	8.6	9	9	8.8	8.6	8.6	8.8	8.8	9.4
2019-20	Employers	5	Average	8.4	8.2	8.6	8.6	8.6	8.8	8.6	8.4	8.8	8.8
	Alumni	5		9	8.4	8.8	9.2	8.6	9.6	8.8	8.2	8.6	9.2
	Parent	5		8	7.8	8.6	9	7.4	7.8	8.6	7.6	7	8.4



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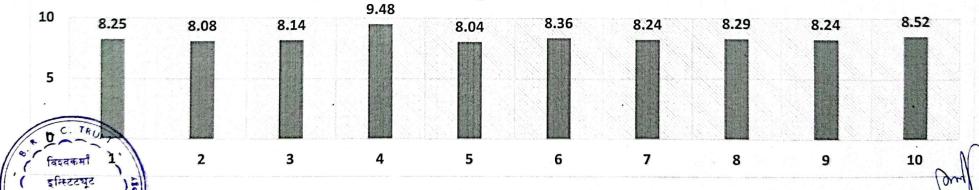
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Department of Industrial & Production Engineering

Stakeholder's feedback collection for A. Y. 2019-20 and Feedback Analysis – Production Engg

Academic Year 2019-20			Q. No.	1	2	3	4	5	6	7	8	9	10
	Stakeholdere	No. of Feedback Received	Question	Bridge the gap between industry requirements and academia	Potential for Employability	Curriculum covers the latest state of art topics	material and books	Blended learning and futuristic pedagogy	Evaluation methods for providing proper assessment	Hands-on component in the Curriculum is satisfactory	Covers	Curriculum gives inputs to students for business acumen and ethical practices	Knowledge gain through experiential learning
	Students	5		7.8	8.2	8.6	8	8	8.4	8.2	7.4	8.4	8.6
	Teachers	5		7.8	7.8	8.4	7.8	8.2	8.2	8.4	8.2	8	8
2019-20	Employers	5	Average	8	8.8	8.6	8.6	8	8.4	8.4	7.8	8.4	9
	Alumni	5		8.2	8.2	8.4	8.8	8	8.6	8.4	7.6	8.4	9
	Parent	5		7.4	7.4	8.2	9.2	8	8.2	7.8	8.2	8	8.4

Question Wise Avg Score for AY 2019-20





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Descriptive Feedback Analysis:

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

- a) A concern over development of business acumen, employability skills and alignment to industry requirements have been expressed.
- b) Adequacy of learning resources and knowledge gaining through experiential learning has been satisfactory

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

- a) More avenues to connect with industry to understand industry requirements and development of business acumen and ethical issues was realised
- b) Curriculum has been found to be very state of the art and updated.

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

- a) Inadequacy of learning resources to address the diversely updated curriculum has been felt by faculty
- A strong sense of satisfaction on curriculum updation frequency, updation of assessment tools have been expressed,

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

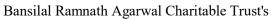
- a) Students awareness towards industrial and social requirements has been observed as a point of concern and has some scope for improvement.
- b) Initiatives to impart experiential learning and efforts to improve business acumen and ethics have been found satisfactory

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

- a) Alumni expressed the need for students to work on social relevant issues
- b) Substantial avenues for experiential learning have been observed and applauded
- c) Efforts were seen on inputs given to students over developing business acumen and ethical practices

Over-all Analysis: Based on feedback by all stakeholders, need of modernization of learning resources and hands on and experiential learning has been realised.

Prof. A U Rajurkar, Member Secretary Prof. (Dr.) G N Kotwal Chairman-BoS





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III) Action Taken Report





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Action taken report for AY 2020-21 Based on Stakeholders Feedback Analysis

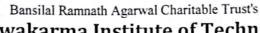
The average scores for the following questions are found to be low (i.e. less than 8.5 on the scale of 10)

- Potential for employability
- Coverage of latest and state of the art topics
- Coverage of socially relevant issues

Courses like Engineering Design, Engineering and Managerial Economics, Project Management, Data Analytics for Engineers, Marketing Management, Product Design and Modeling were proposed to introduce in the curriculum to give techno commercial blend to students. Moreover, the assignments and activities have been planned to address the concerns like improvement in business acumen, employability, ethics and awareness towards social responsibilities by students.

Prof. A U Rajurkar, Member Secretary

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





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





Bansilal Ramnath Agarwal Charitable Trust's VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE - 37. (An Autonomous Institute under University of Pune)

VI / IPED / BOS - 15

Date - 06/02/2021

Minutes of Fifteenth meeting of Board of Studies in Industrial and Production Engineering Department, Vishwakarma Institute of Technology, Pune-37 held on 6th February 2021, Saturday.

Meeting No - BOS / IPED / 15 / 2021

Date - 06/02/2021

Venue - Online through Google Meet ID - https://meet.google.com/eno-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) Mr. Pranav Patil, M/s Patil Partners, Pune

5) Dr. G G Dongre, Dean-Research & Development

6) Dr. R J Dhake, Dean-Student Activities

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

1) Prof. R. K. Ambegaonkar

2) Mr. B. V. Joglekar

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. Piyush Chaudhari

2. Preksha Jain

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:

Item 1. Read and confirm the minutes of last BoS meeting

The minutes of the last meeting were read and confirmed.

Item 2. To present existing structure of B Tech Industrial Engg and B Tech Production Engg Program.

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. 2020-21.

Resolution – The existing structure effective for Academic Year 2020-21 for B Tech Industrial Engg and B Tech Production Engg Course has been conveyed to members of Board of studies.

Proposed by - Dr. G N Kotwal

Seconded by – Prof. A U Rajurkar, Dr. V N Karandikar

<u>Please refer Annexure-I</u>: Existing academic structure for B Tech Industrial Engg and B Tech Production Engg Program

Item 3. To propose Honors courses in Industrial & Production Engineering Department

Adhering to the guidelines by AICTE and SPPU, Pune and Management of VIT, Pune, Dr. G N Kotwal, Chairman, B.O.S. presented the salient features of new Honor courses in (1) Mechatronics & Industrial Robotics and (2) Additive Manufacturing for B Tech Industrial Engg and B Tech Production Engg effective from A.Y. 2020-21.

Resolution – The board unanimously approves conduction of Honors Courses in proposed disciplines as per AICTE and SPPU guidelines.

Proposed by - Dr. G N Kotwal

Seconded by - Prof. A U Rajurkar, Prof. S S Kuber

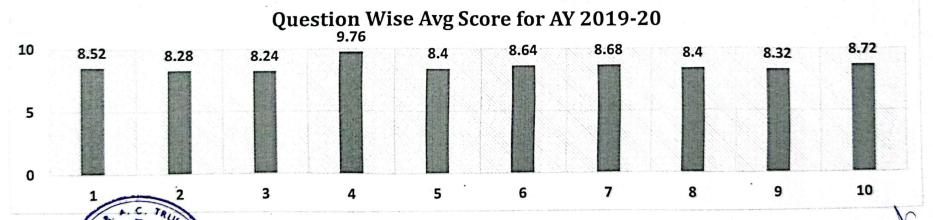
Item 4. Presentation of stakeholder's feedback for AY 2019-20 and approval for action taken report for AY 2020-21

The stakeholder's feedback and its analysis were presented for AY 2019-20 and Action taken report is approved for A. Y. 2020-21.

Industrial &
Production Engg. Dept

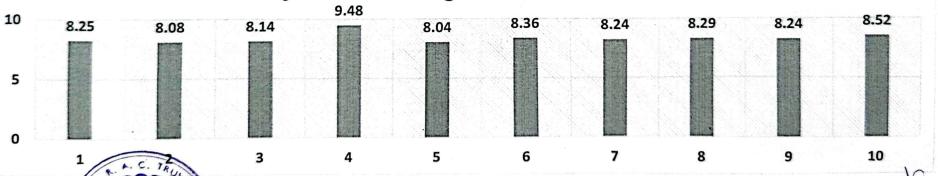
विद्यक्षण दिस्ट्रिट्ट्यूट्ट प्राप्तिक

			Q. No.	1	2	3	4	5	6	7	8	9	10
Academi c Year	Stakeholde rs	No. of Feedbac k Receive d	Questio n	Bridge the gap between industry requiremen ts and academia	Potential for Employabilit Y	m covers	books	learning and futuristi c	for providing proper	componen t in the Curriculu m is	of socially relevan	acumen	Knowledg e gain through experienti al learning
	Students	5		8.4	8.4	8.8	8	8.6	8.4	8.8	9	8.4	8.6
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	Parent	5		8	7.8	8.6	9	7.4	7.8	8.6	7.6	7	8.4



			Q. No.	1	2	3	4	5	6	7	8	9	10
Academi c Year	Stakeholde rs	No. of Feedbac k Receive d	Questio n	Bridge the gap between industry requiremen ts and academia	Potential for Employabilit Y	m covers	Referenc e material and books available	learning and futuristi c	for providing proper	componen t in the	of socially relevan	Curriculu m gives inputs to students for business acumen and ethical practices	Knowledg e gain through experienti al learning
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	Alumni	5		8.2	8.2	8.4	8.8	8	8.6	8.4	7.6	8.4	9
	Parent	5		7.4	7.4	8.2	9.2	8	8.2	7.8	8.2	8	8.4





Proposed Actions for AY 2020-21

The average scores for the following questions are found to be low (i.e. less than 8.5 on the scale of 10)

- · Potential for employability
- Coverage of latest and state of the art topics
- Coverage of socially relevant issues

Courses like Engineering Design, Engineering and Managerial Economics, Project Management, Data Analytics for Engineers, Marketing Management, Product Design and Modeling were proposed to introduce in the curriculum to give techno commercial blend to students. Moreover, the assignments and activities have been planned to address the concerns like improvement in business acumen, employability, ethics and awareness towards social responsibilities by students.

