



Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma Institute of Technology, Pune-411037
(An Autonomous Institute Affiliated to Savitribai Phule, Pune University)
Department of Mechanical Engineering

**Stakeholder's Feedback Collection, Feedback Analysis,
Action Taken Report and Communicated to BoS
AY 2022-23**



Bansilal Ramnath Agarwal Charitable Trust's
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Department of Mechanical Engineering

Stakeholder's feedback collected-Sample forms

Faculty Feedback

Vishwakarma Institute of Technology Issue 01 : Rev No. 00 : Dt. 01/08/22

Title: Stake Holders Feedback on Curriculum

FF No. 750

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: Mechanical Engg.

AY: 2022-23

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.	9	
4	Reference material and books available.	10	
5	Blended learning and futuristic pedagogy.	10	
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: M. V. Walame

Organization: MED, VIT, PUNE-37

Sign: *M. V. Walame*

Date: _____

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



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Employer Feedback

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

Department: Mechanical Engg.

AY: 2022-23

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.	9.5	
3	Curriculum covers the latest state of art topics.	9	
4	Reference material and books available.	9	
5	Blended learning and futuristic pedagogy.	8.5	
6	Evaluation methods for providing proper assessment.	9	
7	Hands-on component in the Curriculum is satisfactory.	9	
8	Covers of socially relevant issues.	9.5	
9	Curriculum gives inputs to students for business acumen and ethical practices.	9	
10	Knowledge gain through project-based learning / project centric learning.	9.5	

Comments (If Any): _____

Name: Abhijeet Birari

Organization: Kirloskar Pneumatics. Ltd.

Sign: Abhijeet Birari

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Stakeholder's feedback collected-Sample forms

Student Feedback

Vishwakarma Institute of Technology Issue 01 : Rev No. 00 : Dt. 01/08/22

Title: Stake Holders Feedback on Curriculum FF No. 750

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

Department: Mechanical Engg. AY: 2022-23
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.	8	
3	Curriculum covers the latest state of art topics.	7	
4	Reference material and books available.	8	
5	Blended learning and futuristic pedagogy.	8	
6	Evaluation methods for providing proper assessment.	8	
7	Hands-on component in the Curriculum is satisfactory.	10	
8	Covers of socially relevant issues.	8	
9	Curriculum gives inputs to students for business acumen and ethical practices.	8	
10	Knowledge gain through project-based learning / project centric learning.	9	

Comments (If Any): _____

Name: Sagar Anand K Yadav.
Organization: VIT Pune
Sign: S. Yadav
Date: 25/4/2023.

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



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Stakeholder's feedback collected-Sample forms

Alumni Feedback

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

Department: Mechanical Engg.

AY: 2022-23

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.	8.5	
4	Reference material and books available.	9	
5	Blended learning and futuristic pedagogy.	9	
6	Evaluation methods for providing proper assessment.	9.5	
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.	8.5	
10	Knowledge gain through project-based learning / project centric learning.	9	

Comments (If Any): _____

Name: Neel Adake

Organization: North-Eastern University

Sign: Neel

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Stakeholder's feedback collected-Sample forms

Parent Feedback

Vishwakarma Institute of Technology Issue 01 : Rev No. 00 : Dt. 01/08/22

Title: Stake Holders Feedback on Curriculum

FF No. 750

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

Department: Mechanical Engg.

AY: 2022-23

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.	9	
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.	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: Sunil. M. Diwase

Organization: Bharat Forge

Sign: *[Signature]*

Date: 24 APR 2023

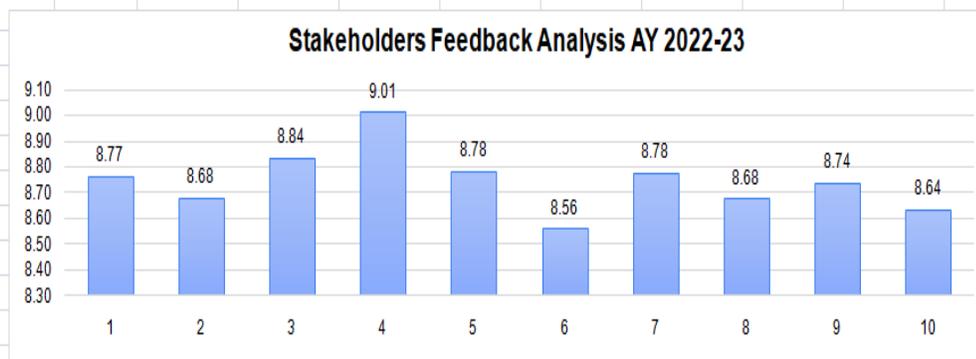
(Note: Feedback is to be taken at the end of every Academic Year from all stake holders)



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Stakeholders feedback Analysis AY 2022-23

Academic year	Stakeholders	No. of Feedbacks received	Q. No.	1	2	3	4	5	6	7	8	9	10
			Teachers, Students, Employers, Alumni, Parents Feedback	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	Knowledge gain through experiential learning
2022-23	Students	75	Av. Score	8.79	8.76	8.82	9.01	8.67	8.46	8.86	8.78	8.85	8.72
	Faculty	15	Av. Score	8.81	8.6	8.79	9.05	8.63	8.5	8.78	8.58	8.8	8.68
	Employers	5	Av. Score	8.66	8.68	8.83	9	9.04	8.65	8.58	8.63	8.68	8.42
	Alumni	10	Av. Score	8.75	8.66	8.87	9	8.65	8.4	8.78	8.76	8.92	8.72
	Parents	32	Av. Score	8.83	8.72	8.88	9.01	8.93	8.8	8.89	8.64	8.44	8.65
	Total	137	Av. Score	8.77	8.68	8.84	9.01	8.78	8.56	8.78	8.68	8.74	8.64





Stakeholders Feedback Summary AY 2022-23

Based on Stakeholders feedback analysis important observations summarized as below

Parents:

- Overall curriculum is good and balanced
- Evolution scheme is compressive for overall development of student
- Knowledge gain through project-based learning is satisfactory

Students:

- Overall curriculum and academic processes are good and satisfactory
- More focus is required on core courses and more electives can be offered
- Interdisciplinary subjects are good,
- Many assessment parameters, may be reduced

Faculty:

- Overall curriculum is good and balanced for overall development of students
- More focus is required on core courses and experiential learning
- Emphasis on innovation & creativity of students

Employer:

- Internship initiative is carried good impact
- Need to improve employability skills of students
- Need to minimize the gap between industry and academic institutes

Alumni:

- Focus on project based learning, soft skill and overall development of students
- Internship initiative is carried good impact
- Need to improve employability skills of students

Summary:

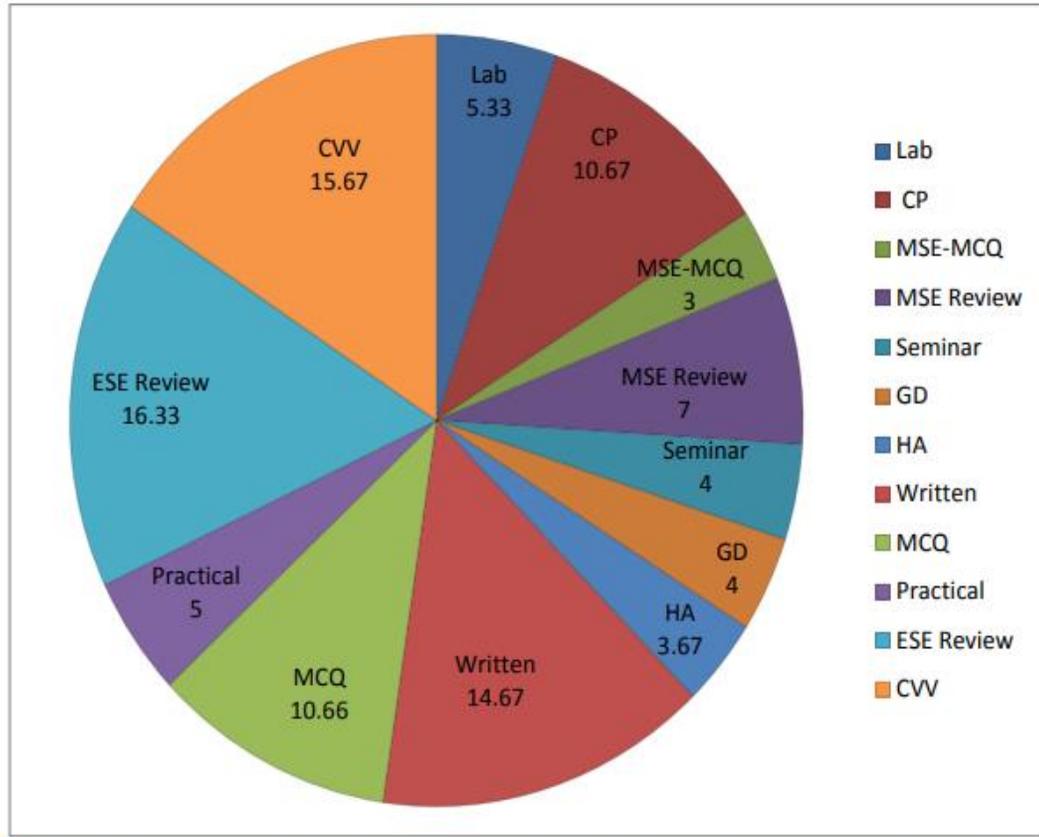
Overall, curriculum and teaching learning processes are excellent; however, need to include some new courses which cover fundamental and advance topics based on current industry need. Also, need to outcomes in terms of technical, research innovations, publications and patents etc. Focus on overall development of students.



Action Taken Report

- The NPTEL / Swayam courses such as SUSTAINABLE POWER GENERATION SYSTEMS, RAPID MANUFACTURING, INTRODUCTION TO COMPOSITES, OPERATIONS AND SUPPLY CHAIN MANAGEMENT, and AUTOMATION IN PRODUCTION SYSTEMS AND MANAGEMENT are offered to B.TECH. Mech. final year w.e.f. AY 2023-24
- LinkedIn courses are introduced to B.TECH. Mech final year w.e.f. AY 2023-24. LinkedIn course module “Data Visualization and Storytelling” containing 5 sub courses in place of OE1. Data Visualization: Storytelling, Picking the Right Chart for Your Data, Data Visualization for Data Analysis and Analytics, Data Visualization: Best Practices
- Two additional courses, namely MACHINE DRAWING and MECHANICS OF MATERIALS are introduced to SY mech. w.e.f. AY 2023-24
- Also LinkedIn courses are offered as an audit courses to SY and TY students based on Advanced and Weak learners module
- Updated the assessment scheme

Assessment Scheme for AY 2023-24:





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Minutes of 22nd Board of Studies Meeting held on 25th August 2023

Department of Mechanical Engineering



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Department of Mechanical Engineering

Mechanical Engineering Department

Ref: VI/BOS-23/Mech./2023/2

Date: 28th August 2023

Minutes of 22nd Board of Studies held on 15th Aug. 2023

Venue: Online through google meet

The meeting was held under the Chairmanship of Prof. (Dr.) D.B. Hulwan. Meeting was attended by the following BOS members and invitees online.

Sr. No.	Name of the Faculty	Nomination
1	Prof. (Dr.) D. B. Hulwan	Chairman
2	Prof. (Dr.) U. S. Chavan	Member Secretary
3	Prof. (Dr.) M.V. Walame	Member
4	Prof. (Dr.) M. B. Chaudhari	Member
5	Prof. (Dr.) S. P. Chippa	Member
6	Prof. (Dr.) L. D. Mangate	Member
7	Mr. Sushilkumar Vishwakarma, Director, Global Technology and Engineering Centre, Whirlpool of India Ltd.	Member
8	Prof. (Dr.) Deepak Marla Associate Professor, Mechanical Engineering Department, IIT Bombay	Member
9	Dr. Yogesh Aghav Sr. GM, Technology Centre, Kirloskar Oil Engines Ltd.	Member
10	Prof. (Dr.) Sachin Komble	Invitee
11	Prof. Pramod Kale	Invitee
12	Prof. Moreshwar Khodke	Invitee
13	Prof. (Dr.) Sunil Shinde	Invitee

Prof. (Dr) N. K. Chougule and Prof. (Dr.) S. S. Pardeshi could not attend the meeting due to their busy schedule.



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Meeting details are as mentioned below.

Google Meet joining info
22nd BOS Mech. Engineering Meeting
Friday, August 25, 3:30 – 4:15pm
Time zone: Asia/Kolkata
Google Meet joining info
Video call link: <https://meet.google.com/omz-bqio-qyj>
Or dial: (US) +1 919-295-6636 PIN: 847 786 391#

Agenda for BOS -

- i. Confirmation of minutes of previous BOS meeting held on 6th February 2023
- ii. Review of Stakeholder's feedback analysis for A.Y. 2022-23 and Approval for action taken report for A.Y. 2023-24
- iii. Review and approval of structure and syllabus for A.Y. 2023-24.
- iv. Review and approval of course introduced for F.Y. B. Tech under NEP.
- v. Review and approval of course names for PCC, PEC, MDM, and OE proposed under NEP.
- vi. Any other point with the permission of Chair

Item-1: Confirmation of the minutes of 21st BOS meeting held on 6th Feb. 2023

The minutes of the previous meeting were read out by the Chairman and also presented the various actions taken on the resolutions; the minutes of 21st BOS were unanimously approved by the BOS members. (Annexure-I)

Item -2: Review of Stakeholder's feedback analysis for A.Y. 2022-23 and Approval for action taken report for A.Y. 2023-24

The stakeholder's feedback analysis and action taken report was presented by member secretary for AY 2022- 23. All attendees took active part in the discussions. Action taken report unanimously accepted and approved by the BOS members (Annexure-II)

Item -3: Review and approval of structure and syllabus for A.Y. 2023-24



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Details of AY 2023-24 curriculum and course contents are presented by member secretary and Chairman. All attendees took active part in the discussions. Structure and syllabus for A.Y. 2023-24 unanimously accepted and approved by the BOS members (Annexure-III)

Item - 4: Review and approval of course introduced for F.Y. B. Tech under NEP.

Member secretary presented course contents of 'Elements of Mechanical Engineering' which is introduced for F.Y. Mech. w.e.f. AY 2023-24 under NEP.

Unanimously approved the course contents of 'Elements of Mechanical Engineering' (Annexure-IV)

Item - 5: Review and approval of course names for PCC, PEC, MDM, and OE proposed under NEP.

B.Tech. courses name for various categories such as program core courses (PCC), program elective courses (PEC), and multidisciplinary minor (MDM) courses proposed under NEP were presented by member secretary and chairman. All attendees took active part in the discussions, unanimously accepted title of courses proposed under various categories. These courses will be implemented from Sem-1 of AY 2024-25. (Annexure V)

Item-6: Other issues of interest with the permission of the Chair

Department highlights after 21ST BOS meeting were presented by the Chairman. The highlights includes teaching learning activities, Faculty achievements, R & D activities, Collaborative endeavors, Laboratory development, Internships, evaluation scheme, projects and Student achievements etc.

The meeting concluded with a vote of thanks by the Member secretary

Chairman BOS-Mechanical

Date: 29th August 2023