Feedback System for Curriculum Development for AY - 2021-22

1. Stakeholder's Feedback collection,

2. Feedback Analysis,

3. Action Taken Report

4. Communicated to BoS

5. Hosted on Institutional Website

Stakeholder's Feedback collected: Sample Teachers Feedback

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 Information Technology

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: Information Technology   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.	10	
2	Potential for Employability.	9	
3	Curriculum covers the latest state of art topics.	10	
4	Reference material and books available.	10	
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 experiential learning	9	

Comments (If Any):

Name: S. P. Dongre

Organization: VIT, Pune

Sign:

Vishwakarma Institute of Technology

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Department of Information Technology

Stakeholder's Feedback collected: Sample Employers Feedback

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: Information Technology   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.	9	
2	Potential for Employability.	10	
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.	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.	8	
10	Knowledge gain through project-based learning / project centric learning.	9	

Comments (If Any): _____

Name: Chetan Pathak

Organization: Cloud veloxa

Sign: _____ 24/12/22

Date:

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

Stakeholder's Feedback collected: Sample Alumni Feedback

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: IT   AY: (2021-22) Alumni of

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	
2	Potential for Employability.	10	
3	Curriculum covers the latest state of art topics.	10	
4	Reference material and books available.	9	
5	Blended learning and futuristic pedagogy.	10	
6	Evaluation methods for providing proper assessment.	9	
7	Hands-on component in the Curriculum is satisfactory.	10	
8	Covers of socially relevant issues.	10	
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):

Name: Varad Kulkarni

Organization: National Payments corporation of india.

Sign:

Stakeholder's Feedback collected: Sample Students Feedback

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: Information Technology   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.	10	
2	Potential for Employability.	9	
3	Curriculum covers the latest state of art topics.	8	
4	Reference material and books available.	10	
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.	8	
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: Ayush chandakl

Organization: VIT, student

Sign: Chandate

Date: 19/12/22

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

Stakeholder's Feedback collected: Sample Parents Feedback

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: I-T.   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.	9	
2	Potential for Employability.	10	
3	Curriculum covers the latest state of art topics.	9	
4	Reference material and books available.	10	
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.	10	
10	Knowledge gain through project-based learning / project centric learning. .	9	

Comments (If Any): _____
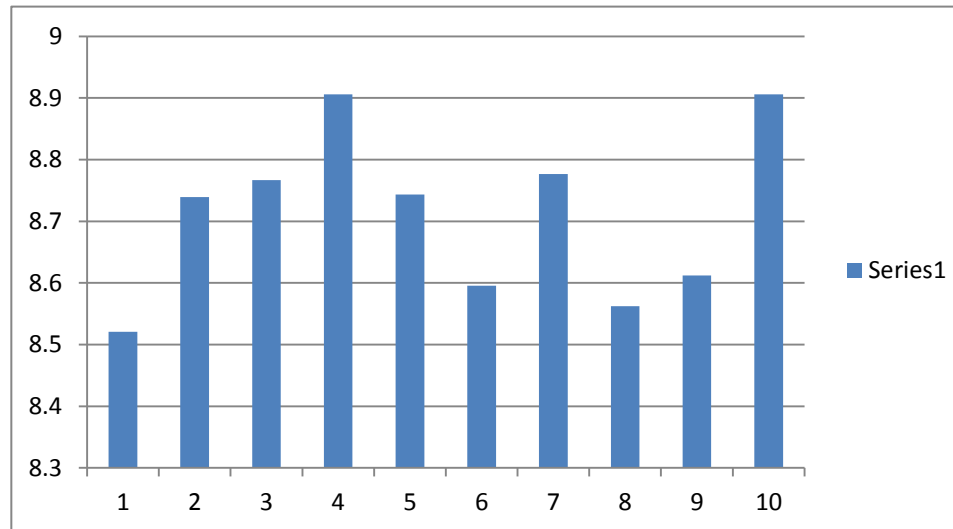
Name: Pankaj Kabra

Organization: Business

Sign: _____

Date:

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

Vishwakarma Institute of Technology

*(An Autonomous Institute Affiliated to Savitribai Phule Pune University)*666, Upper Indiranagar, Bibwewadi,

Pune 411 037 **Department of Information Technology**

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

			Q. No.	1	2	3	4	5	6	7	8	9	10
2021-22	Students	24	**Average score**	8.458333	8.333333	8.291667	8.375	8.416667	8.291667	8.333333	8.375	8.333333	8.375
	Teachers	11		8.727273	9.363636	9	9.363636	9.090909	8.727273	9.090909	8.727273	8.727273	9.363636
	Employers	12		8.583333	8.416667	8.833333	8.916667	8.916667	8.5	8.666667	8.416667	8.666667	8.666667
	Alumni	24		8.125	8.916667	8.708333	8.583333	8.541667	8.791667	9.083333	8.625	8.625	9.166667
	Parent	24		8.708333	8.666667	9	9.291667	8.75	8.666667	8.708333	8.666667	8.708333	8.958333
	Total	95		8.520455	8.739394	8.766667	8.906061	8.743182	8.595455	8.776515	8.562121	8.612121	8.906061

Descriptive Feedback Analysis:

1. **Parents:** Based on analysis of feedback given by parents it is observed that:
   a. Focus on courses that helps to gain a competitive edge in the job Market
   b. Knowledge gain through project-based learning is satisfactory
   c. Appreciated for the encouragement given to students in overall development

2. **Students:** Based on analysis of feedback given by students it is observed that:
   a. Demand to include courses which is versatile, iterative approach for real world problem-solving
   b. Focus on areas that helps to gain innovative ideas
   c. Overall assessment practices followed is satisfactory

3. **Teachers:** Based on analysis of feedback given by faculties it is observed that:
   a. Include courses that forms both analytical and creative thinking for practicing real-world situations
   b. Develop projects that incorporates novel ideas, research and approaches to solve existing problems
   c. Focus on the need of creative projects

4. **Industry:** Based on analysis of feedback in IAB meeting it is observed that:
   a. Upgrade the curriculum with user-centric, solutions-based approach that helps to adapt industry requirements
   b. To enhance learning of Basic concepts
   c. Focus on understanding principles for an effective and feasible business development that leads to innovation

5. **Alumni:** Based on analysis of feedback given by Alumni it is observed that:
   a. Learning based on Blended and futuristic pedagogy need to be encouraged
   b. Focus on courses that contributes to make independent choice and directly helps to develop Employability skills
   c. Need to minimize the gap between industry and Academic
   d. Time for completion of major project is less

Over all Analysis: Based on complete strategy of feedback given by all stakeholders it is observed to include some new courses which covers advance topics based on need of current technology and also which has more scope in the industry. Focus more on projects and its outcomes in terms of technical, research innovations, publications, etc.

Action taken report for AY 2022-23

- o To develop research culture and new insights students are motivated for research publications.

- o To get the outcome from the various projects that students perform during the semester, a DESIGN THINKING course is offered for 1 credit which is based on paper publications.

- o To get more exposure towards industry apart from internship industry involvement in the teaching learning process is activated through the course "FROM CAMPUS TO CORPORATE"

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Department of Information Technology

Communication to the BoS-Information Technology

The Agenda of BOS meeting Dated 21st July 2022

1. SY-TY-BTech IT structure and syllabus
2. Stakeholder feedback analysis AY 2021-22
3. Information about research proposal grants with respect to NBA visit

Vishwakarma Institute of Technology

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Department of Information Technology

Minutes of the Twenty Fifth meeting of Board of Studies, Department of Information Technology, Vishwakarma Institute of Technology, Pune- 411 037 held on Thursday, 21-07-2022 at 12pm

Meeting No. : BOS/IT /25/2022   Date: 21-07-2022

Venue: 25th meeting was held online mode on Google meet platform with following details:

BOS MEETING 21st July 2022
Thursday, July 21 · 11:45am – 1:45pm
Google Meet joining info
Video call link: https://meet.google.com/xgx-mxsy-jpv
Or dial: (US) +1 347-486-7020 PIN: 708 270 635#
More phone numbers: https://tel.meet/xgx-mxsy-jpv?pin=2184504747068

The following members had joined the meeting:

1. Prof. (Dr.) Premanand P. Ghadekar (BOS Chairman)
2. Prof. (Dr.) P. S. Dhabe (Member Secretary)
3. Prof. (Dr.) P.S.V Natraj, Professor, Systems & Control Engineering, IIT, Bombay
4. Prof. (Dr.) Vahida Attar, HOD, Computer Department, COEP, Pune
5. Mr. Swanand Kulkarni, Staff Engineer, ENEA Openwave, Pune
6. Prof. (Dr.) P A Bailke
7. Prof. S. P. Dongre
8. Prof. D. R. Deshpande
9. Prof. A. R. Sawant
10. Nirvisha Soni   Student Representative
11. Vaishnav Sonawane Student Representative

The following member conveyed their inability to attend the meeting and leave of absence was granted.
1. Prof (Dr.) Varsha Patil, Vice-Principal, Matoshri COE, Nasik,
2. Mr. Abhijeet Gattani, Team Manager, Siemens, Pune

Prof. D. R. Deshpande (Assistant Head, Academic-IT) extended a warm welcome to all the members of the Board of studies.

The Board of studies considered the items on the agenda and the items permitted by the Chair and following resolutions were passed.

Item- 1: To read and confirm the minutes of the last meeting i.e. of 9th April 2022 by Prof. (Dr.) P. S. Dhabe and share the action taken report.

Resolution   : The minutes of the last meeting were read and confirmed.
Proposed by: Prof. Dr. P. P. Ghadekar
Seconded by: Prof Dr. P. S. Dhabe
Resolution unanimously passed.

Item – 2:   Prof. (Dr.) P. P. Ghadekar, Head Information Technology department, presented the following points:

4. SY-TY-BTech IT structure and syllabus
5. He informed about the new 1 credit course **'Design Thinking'**. In his presentation he discussed about the importance of this course for paper publication based on previous project work done.
6. He further stated the stakeholder feedback analysis AY 2021-22 based on which it is proposed to offer industry sponsor courses **"From Campus to Corporate"** offered by Campus to Corporate company.
7. With respect to NBA visit (11th, 12th and 13th August 2022) publication status of entire department was presented also shared the information about research proposal grants.

Entire presentation was appreciated by all external BOS members with few suggestions as follows:

1. Dr. Vahida Attar madam and Mr. Swanand sir appreatiated the course **Design Thinking** and its philosophy.
2. Dr. P.S.V Natraj sir was very much happy to know more about Research Proposal grant and he suggested following few points:
A. Sir suggested noting "call for proposals" from government organizations like DRDO, DST and etc.
B. There are many "Technology Innovation Hubs (TIH)", given to IITs by the government with lot of funding. Sir suggested tying up and working with them. He also suggested a close and frequent communications with TIH..

Resolution   : It is resolved to propose to Academic Board to approve Structure
Proposed by: Prof. Dr. P. P. Ghadekar
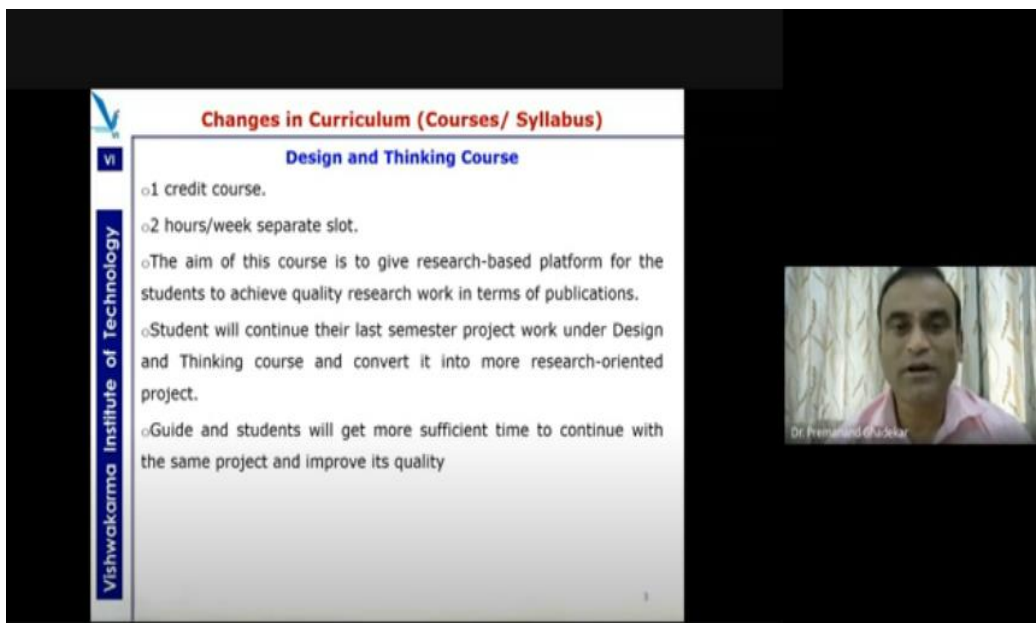**Seconded by: Prof. Dr. P.S.V. Natraj and Prof Dr. Varsha Patil**
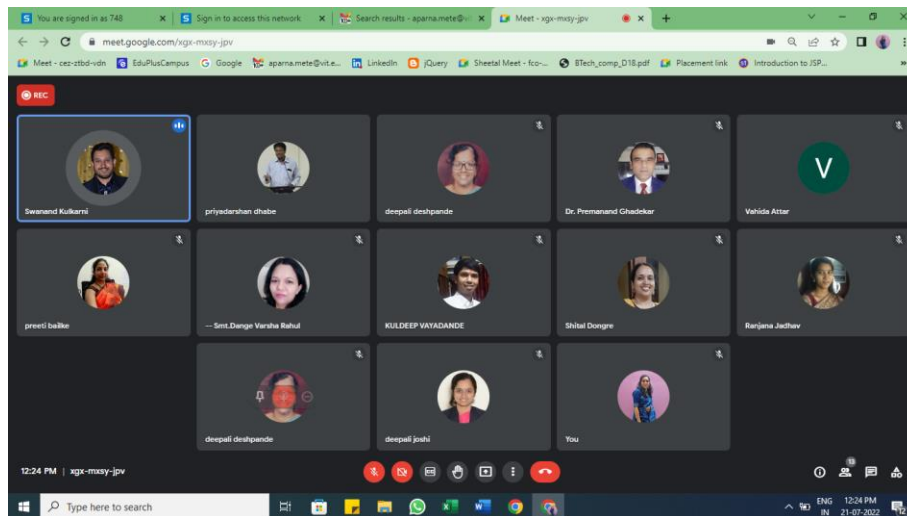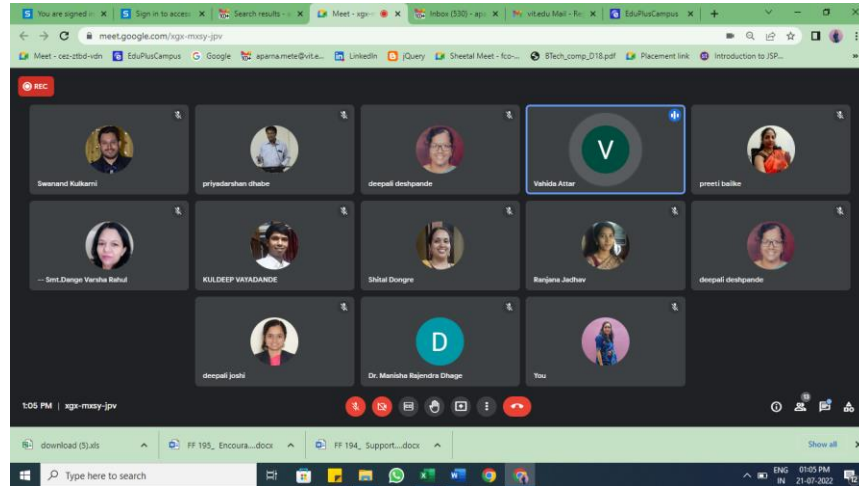**Resolution unanimously passed**

The meeting concluded with a vote of thanks by Prof. (Dr.) P. A. Bailke which included summary of the suggestions given by all external BOS members.

[Prof. (Dr.) P P Ghadekar]
BOS Chairman

Enclosed:
Annexure I: UG structure
Annexure II: Stakeholder feedback analysis
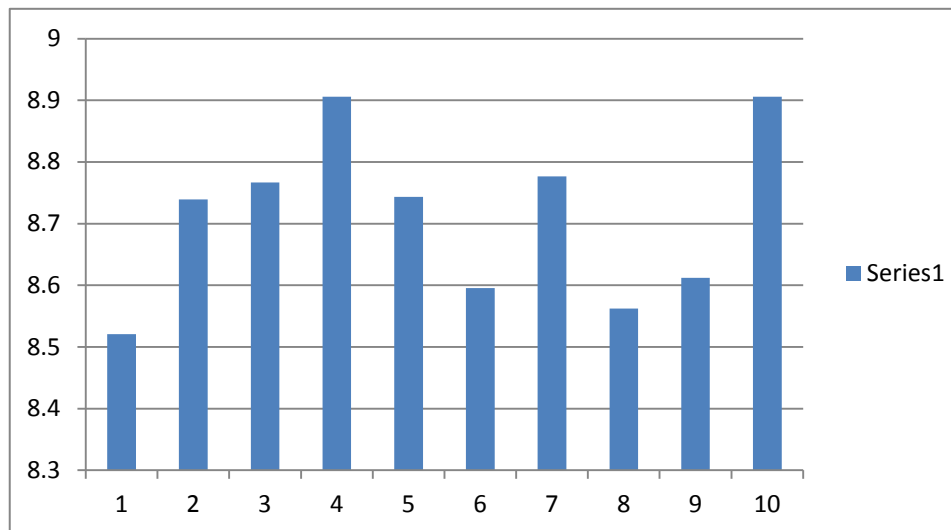**Annexure III: List of new courses**

Annexure II: Stakeholder feedback analysis

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Annexure II: Proposed Action Report for AY 2022-23

It was proposed that as the curriculum is based on project based learning and project centric learning then there should be some outcome based on the projects that student perform during every semester.

Following Action taken for AY 2022-23 presented in the BOS conducted dated 21ˢᵗ July 2022

1. DESIGN THINKING course is offered for 1 credit which is based on paper publications in every semester.
2. From Campus to corporate industry sponsored course is offered for final year students.