



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

Feedback System for Curriculum Development for AY - 2019-20

1. Stakeholder's Feedback collection,
2. Feedback Analysis,
3. Action Taken Report
4. Communicated to BoS
5. Hosted on Institutional Website



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Stakeholders Feedback Collection for AY 2019-20

1. Stakeholder feedback collected: Sample Teachers feedback
2. Stakeholder feedback collected: Sample Employers feedback
3. Stakeholder feedback collected: Sample Alumni feedback
4. Stakeholder feedback collected: Sample Students feedback
5. Stakeholder feedback collected: Sample Parents feedback



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Stakeholder's Feedback collected: Sample Teachers Feedback

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Faculty/ Parents/ Employer/ Alumni/ Students Feedback on

Curriculum and Structure Design / Review

Department: Information Technology 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.	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.	8	
9	Curriculum gives inputs to students for business acumen and ethical practices.	8	
10	Knowledge gain through experiential learning	8	

Comments (If Any):

Name: Panjana S. Jadhav

Organization:

Sign:

P. Jadhav



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Stakeholder's Feedback collected: Sample Employers Feedback

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

Department: Information Technology 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.	10	
2	Potential for Employability.	8	
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.	8	
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: Dr. Datta Parle
Organization: Simulation Centre
Sign: [Signature]
Date: _____

(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 Alumni Feedback

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

Department: Information technology, 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.	10	
2	Potential for Employability.	10	
3	Curriculum covers the latest state of art topics.	10	
4	Reference material and books available.	10	
5	Blended learning and futuristic pedagogy.	10	
6	Evaluation methods for providing proper assessment.	10	
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.	10	
10	Knowledge gain through project-based learning / project centric learning.	10	

Comments (If Any):

Name: Mohit Lokhande

Organization: Logic Monitor

Sign:



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Stakeholder's Feedback collected: Sample Students Feedback

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

Department: Information Technology

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.	10	
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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.	8	

Comments (If Any): _____

Name: Jashvi Patil

Organization: VIT, Pune

Sign: Jashvi

Date: 24/9/2019

(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 Parents Feedback

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

Department:

IT

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

AY: 19-20

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.	8	
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.	8	
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): _____

Name: Vijay Thadani

Organization:

Sign: Vijay

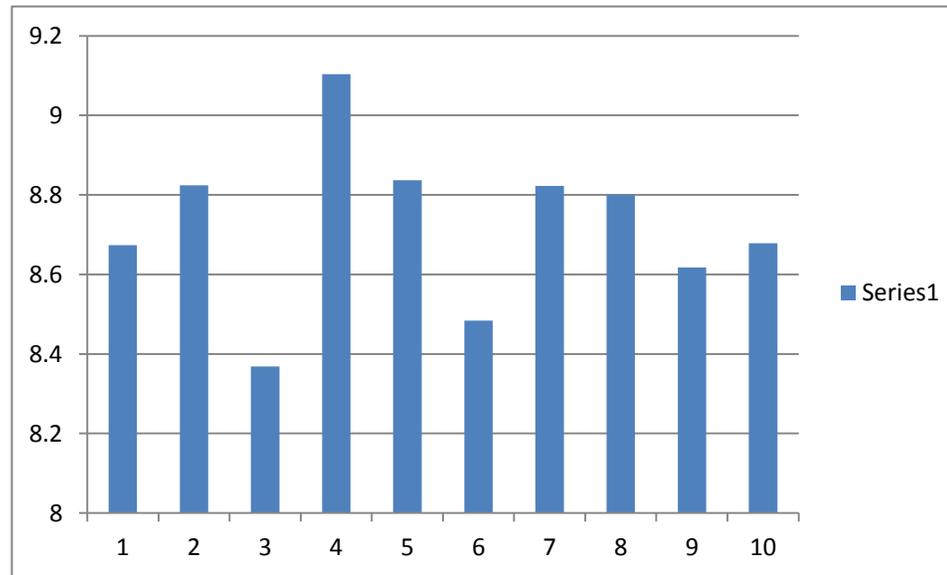
Date: 20/11/19

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Pune 411 037 **Department of Information Technology**

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

			Q. No.	1	2	3	4	5	6	7	8	9	10
2019-20	Students	28	Average score	8.642857	8.75	8.607143	9.071429	8.75	8.892857	8.892857	8.642857	8.75	8.535714
	Teachers	11		9.090909	8.636364	8.181818	9.090909	9.090909	8.636364	8.909091	9.090909	8.636364	9.545455
	Employers	15		8.466667	8.733333	8.666667	9.133333	8.733333	8.666667	8.866667	8.933333	8.533333	8.533333
	Alumni	6		8.5	9	8.166667	8.666667	8.5	7.333333	8.666667	8.666667	8.5	8.333333
	Parent	9		8.666667	9	8.222222	9.555556	9.111111	8.888889	8.777778	8.666667	8.666667	8.444444
	Total	69		8.67342	8.823939	8.368903	9.103579	8.837071	8.483622	8.822612	8.800087	8.617273	8.678456





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Action taken report for AY 2020-21

The average scores for the all questions are found to be above 8.7 on the scale of 10.

- Data science course is made multidisciplinary course and is offered at Second year of Engineering
- Image processing and Computer vision, Web Technology and Cloud Computing courses are offered
- To emphasis more on software based project “Software Development project” course is offered irrespective of branch of the student
- For final year students open elective bucket is offered to strengthen the multidisciplinary approach
- Approach towards research and innovation ideas for the students through EDI projects is inculcated.



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Descriptive Feedback Analysis:

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

They are much more interest in developing their ward soft skills, Presentation skills

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

- a. Counseling facility need to be improved
- b. Mandatory project semester in Industry for all
- c. Courses include must ensure suitable employability, innovation and research

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

- a. Interdisciplinary and collaborative research/academy should be encouraged
- b. Availability of flipped classrooms, MOOC like online components to catch up
- c. Use of blended MOOCs lectures for a courses

4. **Industry:** Based on analysis of feedback in IAB meeting it is observed that:

- a. There must be Compulsory industrial internship with academic grades
- b. Students should not made only for the Industry but also for research, teaching etc
- c. Encourage students to attend personal development course in the institute during vacation

5. **Alumini:** Based on analysis of feedback given by Alumini it is observed that:

- a. Focus should be on content delivery to cover the syllabus.
- b. In-built flexibility is required to encourage students to specialize in streams of their choice through a system of professional and free electives.
- c. Courses in humanities and social sciences need to be incorporated to develop appreciation of the impact of science and technology on society

Over all Analysis: Prime focus should be on engineering and technology, but other verticals (use of new technology in the lectures) should also be opened. Engagement with the society and industry need to improved. All courses need to focuses on delivering a research inspired and provide outcome based educational experience to the students



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Communication to the BoS-Information Technology

The Agenda of BOS meeting Dated

2nd May 2020

1. To read and confirm the minutes of previous BOS
2. Review of Stakeholder's feedback analysis for A.Y. 2019-20 and Approval for proposed action taken for A.Y. 2020-21
3. Presentation and Approval of UG structure and Syllabus for A.Y. 2020-21
4. Information about Proposed Honor courses based on AICTE guidelines
5. Highlights of Internship & placement of IT
6. Any other point with the permission of Chair



Minutes of the Twenty One meeting of Board of Studies Information Technology, Vishwakarma Institute of Technology, Pune- 411 037 held on Saturday, 02-05-2020 at 4pm.

Meeting No. : BOS/IT/21/2020

Date:02-05-2020

Venue: 21st meeting was held during National Lockdown period due to which it was conducted online mode on Google meet platform with following details:

Google meet Link: meet.google.com/wuk-awqd-maw

Join by phone

+1 252-499-0993 (PIN: 771028260)

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.) Vahida Attar
4. Prof (Dr.) P.N. Mahalle
5. Mr. Swanand Kulkarni
6. Mr. Abhijeet Gattani
7. Prof. (Dr.) N. S. Chandolikar
8. Prof. S. P. Dongre
9. Prof. D. R. Deshpande
10. Prof. A. R. Sawant
11. Student Representative- Megha Sharma
12. Student Representative- Pranav Deo

The following member conveyed their inability to attend the meeting:

Prof (Dr.) P S V Natraj (Professor, Department of Computer Engineering, IIT Bombay)

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 25-07-2019 by Prof. (Dr.) P. S. Dhabe and shared 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.



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Item – 2: Prof (Dr.) Premanand Ghadekar, Head Information Technology, before beginning of his presentation he informed all BOS members about VIT stand during Lockdown for handling all academic parameters in line with the vision, mission and PEOs of the department. He shared with all BOS members the information about VOLP, VIERP, Online teaching Learning, Online assessments of students, online exams of students. He also emphasized on how we kept student engage in all their regular academics which had not hampered in any sense under such paradigm situation.

Prof(Dr.) Vahida Attar madam, Prof(Dr.) P N Mahalle sir, Mr. Swanand Kulkarni and Mr. Abhijeet Gattani, everyone appreciated stating that academic of VIT has not stopped during lockdown condition is a great achievement.

Resolution : Academic efforts were appreciated

Proposed by: Prof. Dr. P. P. Ghadekar

Seconded by: Prof Dr. Vahida Attar, Mr Swanand Kulkarni, Mr. Abhijeet Gattani

Resolution unanimously passed

Item – 3: Presentation by Prof. (Dr.) Premanand Ghadekar about Exam status, Plans during lockdown and updated structure AY2020-21

1. Prof. (Dr.) Premanand Ghadekar presented the overall structure of exam pattern, in which he inform which exam or internal assessments are done before lockdown and which are pending. Further he also presented pattern of exam conduction (ESE-MCQ based, VIVA) which are pending.
2. Next he presented the updated structure for BTech Engineering **AY2020-21** and explained the changes made in new structure. He informed about the major change in structure that **Data science** course is made multidisciplinary course and is **offered at Second year of Engineering of all branches**. Importance of new course like **Image processing and Computer vision, Web Technology and Cloud Computing, etc** were also shared to BOS members. While presenting this entire updation Prof. (Dr.) Premanand Ghadekar sir also presented stake holder feedback conducted for AY 2019-20 and proposed action taken for AY 2020-21.
3. Prof. (Dr.) Premanand Ghadekar further informed about change in credits of a course from 4 to 5 credits with inclusion of tutorials for that course.
4. Before concluding the presentation he presented the data of publications done by faculty members and students during lockdown period.

All BOS members appreciated the exam pattern, concept of multidisciplinary course and introducing of DATA Science at SY Level. Prof. (Dr.) P N Mahalle sir appreciated the concept of multidisciplinary but he suggested to divide multidisciplinary course into bucket of stream. Prof(Dr.) Vahida Attar madam was interested to know about curriculum of multidisciplinary courses. Mr. Abhijeet was more concern about how VIT is going to handle the impact of placements, Challenges to get internships which is occurred due to such paradigm conditions.



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Prof. (Dr.) Premanand Ghadekar replied to all and also noted each suggestion given by all BOS members.

Student representative Miss Megha and Mr. Pranav both appreciated and were much surprised to know about smoothly running of academic during lockdown.

Resolution : It is resolved to propose to Academic Board to approve Structure

Proposed by: Mrs D R Deshpande

Seconded by: Prof Dr. P N Mahalle

Resolution unanimously passed

The meeting concluded with a vote of thanks by Prof. S. P. Dongre which included summary of the suggestions given by all external BOS members.

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

BOS Chairman

Annexure I: UG structure

Annexure II: Stakeholder feedback analysis AY 2019-20 and proposed action report

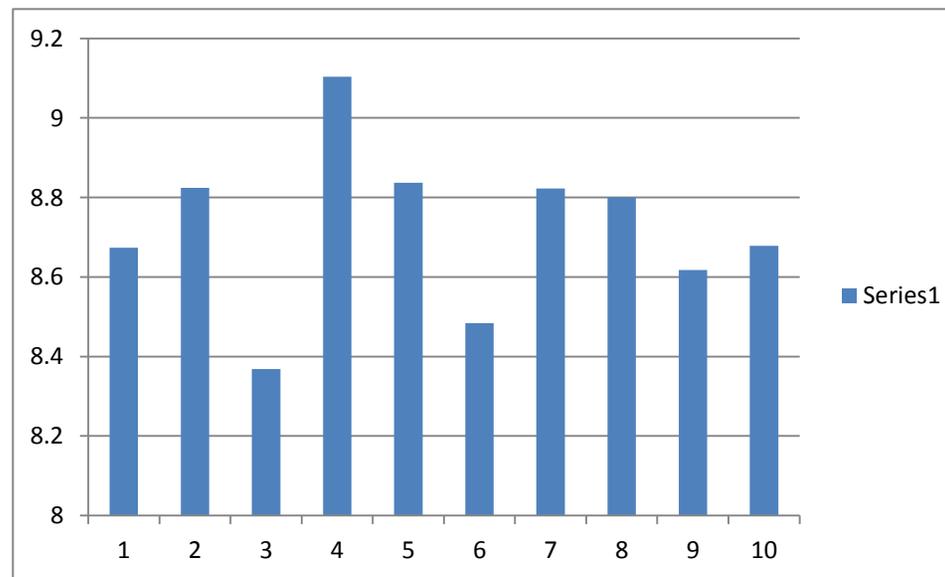
Annexure III: Action Taken Report for AY 2020-21



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Annexure II: Stakeholder feedback analysis AY 2019-20

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Annexure II: Proposed action for AY 2020-21

- To incorporate multidisciplinary approach in the curriculum course
- Focus on the courses based on cutting edge technology as need of industry
- Motivate the students towards research through the courses offered in the curriculum.



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Following Action taken for AY 2020-21 presented in the BOS conducted dated 20th February 2021

- Data science course is made multidisciplinary course and is offered at Second year of Engineering
- Image processing and Computer vision, Web Technology and Cloud Computing courses are offered
- To emphasis more on software based project “Software Development project” course is offered irrespective of branch of the student
- For final year students open elective bucket is offered such as Advanced communication Engineering, Cloud computing, Deep Learning, etc to strengthen the multidisciplinary approach towards research and innovation ideas for the students through EDI projects is inculcated