



## **Feedback System for Curriculum Development**

**For AY 2021-22**

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





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 Computer Engineering**

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### **I) Stakeholder's Feedback collection for A. Y. 2021-22**

- 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**



**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: Computer 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.	8	
2	Potential for Employability.	9	
3	Curriculum covers the latest state of art topics.	7	
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.	7	
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: Prof. S. G. Lade

Organization: Vishwakarma Institute of Technology

Sign: 

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



  
Head, Department of Computer Engineering  
Vishwakarma Institute of Technology,  
Pune-411037.



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Comments (If Any): \_\_\_\_\_

Name: Sarang Upadhye

Organization: Unacademy

Sign:

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



  
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Comments (If Any): \_\_\_\_\_


Name: RUTUJA DHAMALE

Organization: VMware India Pvt Ltd

Sign:

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



  
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Comments (If Any): \_\_\_\_\_

Name: Saket Kolpe

Sign:

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



  
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Comments (If Any): \_\_\_\_\_

Name: A. Baig.

Sign: \_\_\_\_\_

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

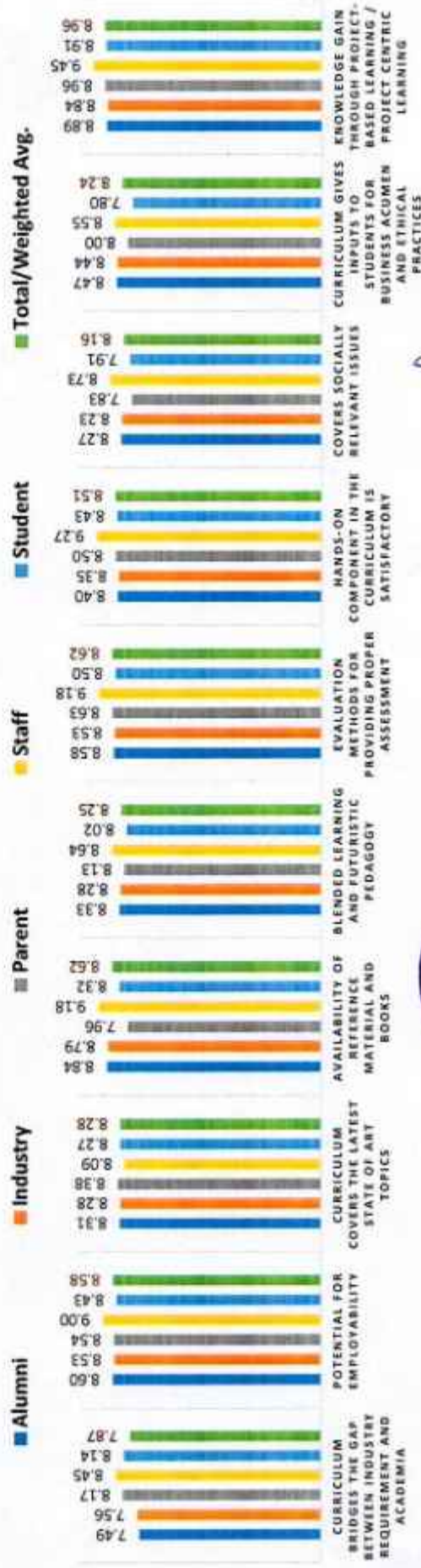


  
Head, Department of Computer Engineering  
Vishwakarma Institute of Technology,  
Pune-411037.

## STAKE HOLDERS FEEDBACK ANALYSIS FOR A.Y.2020-21

Academic Year	Q.No.	1	2	3	4	5	6	7	8	9	10
	No. of Feedbacks received										
	Stake-holders										
	1	Curriculum bridges the gap between industry requirement and academia	Potential for Employability	Curriculum covers the latest state of art topics	Availability of reference material and books	Blended learning and futuristic pedagogy	Evaluation methods for providing proper assessment	Hands-on component in the Curriculum is satisfactory	Covers socially relevant issues	Curriculum gives inputs to students for business acumen and ethical practices	Knowledge gain through project-based learning / project centric learning
	Alumni	7.49	8.60	8.31	8.84	8.33	8.58	8.40	8.27	8.47	8.89
	Industry	7.56	8.53	8.28	8.79	8.28	8.53	8.35	8.23	8.44	8.84
	Parent	8.17	8.54	8.38	7.96	8.13	8.63	8.50	7.83	8.00	8.96
	Staff	8.45	9.00	8.09	9.18	8.64	9.18	9.27	8.73	8.55	9.45
	Student	8.14	8.43	8.27	8.32	8.02	8.50	8.43	7.91	7.80	8.91
	Total/Weighted Avg.	7.87	8.58	8.28	8.62	8.25	8.62	8.51	8.16	8.24	8.96

## STAKE HOLDERS FEEDBACK ANALYSIS FOR A.Y.2020-21



  
 Head, Department of Computer Engineering,  
 Vishwakarma Institute of Technology,  
 Pune-411037.





**Minutes of the twenty second meeting of Board of Studies Computer Engineering ,Vishwakarma Institute of Technology, Pune- 411 037 held on Monday, 15-03-2021.**

Meeting No: BOS/COMP/23/2021

Date: 15-03-2021

**Venue:** Conducted in online mode.

The Meeting of the Board of studies of Department of Computer Engineering, Vishwakarma Institute of Technology, Pune – 411 037 was held on **Monday, 15-03-2021 at 5pm** using online google meet.

The following members were present:

Prof. (Dr.) Sandip R. Shinde (BoS Chairman)  
Prof. (Dr.) Manikrao Dhore  
Prof (Dr.) Jibi Abraham  
Prof. (Dr.) P.N. Mahalle  
Mr. Viraj Kulkarni  
Prof. (Dr.) S.T. Patil  
Prof. S.B. Karthick  
Prof. (Dr.) G.D. Bhutkar  
Prof. (Dr.) P. S. Joglekar  
Prof. A. S. Shingare

The following members conveyed the inability to attend the meeting and leave of absence was granted to them.

Dr. Sandeep Deshmukh  
Prof (Dr.) Abhiram Ranade

Following two student representatives invited to the meeting. Both representatives attended the meeting.

Rashi Bhansali, TY Computer Engineering.

Yashwardhan Bhangadia, TY Computer Engineering.

Prof. (Dr.) Sandip R. Shinde 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.

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**Item - 1** : To read and confirm the minutes of the last meeting i.e. 08/05/ 2020.

**Resolution** : The minutes of the last meeting held on 8/5/ 2020 were read and confirmed, with no modification.

**Proposed by** : Prof. (Dr.) Sandip R. Shinde

**Seconded by** : Mr. Viraj Kulkarni

**Item - 2** : Presentation of structure and syllabus for MTech CSE/IT first year w.e.f. AY 2020-21

Prof. (Dr.) Sandip R Shinde, Head Computer Engineering, presented the structure and syllabus for MTech CSE IT w.e.f. AY 2020-21. Individual faculty teaching the courses elaborated on the contents of the courses. Dr. Abraham appreciated the breadth of the courses from perspective of wide practical applicability. Dr. Mahalle and Dr. Abraham suggested giving more stress on advanced topics like NP-completeness theory, Randomized algorithms in the Algorithms and Complexity course. Dr. Abraham recommended inclusion of video processing unit in the syllabus for Computer Vision course. Mr. Viraj Kulkarni suggested the inclusion of Convolutional Neural Networks in the appropriate course.

**Resolution:** It is resolved to accommodate the changes suggested and propose to Academic board.

**Proposed by** : Prof. (Dr.) Sandip R. Shinde

**Seconded by** : Prof. (Dr.) Jibi Abraham

**Item - 3** : Proposing Honors stream offered by Computer department w.e.f. AY 2021-22

Prof. (Dr.) Sandip R Shinde, Head Computer Engineering, proposed honors streams to be offered by Computer Department w.e.f. AY 2021-22. The streams proposed were AI, Data Sciences, IOT, Cyber Security, Block Chains, Virtual reality. The students will do one specialized course under the stream for the semesters 3, 4, 5, 6 of UG program. All the members appreciated the choice of honors courses. Dr. Mahalle and Dr. Abraham suggested to start the honors streams starting from 5<sup>th</sup> semester. Prof. (Dr.) Dhore mentioned reasons for proposing the streams from 3<sup>rd</sup> semester: role of internship program in 7, 8 semesters, and structural flexibility available under autonomy. Prof (Dr) Shinde proposed to convey the suggestion to the academic board.

**Resolution:** It is resolved to propose the suggestion to the Academic board.

**Proposed by** : Prof. (Dr.) Sandip R. Shinde

**Seconded by** : Prof. (Dr.) Parikshit Mahalle

**Item - 4** : Detailing out syllabus for Object Oriented Programming course w.e.f. AY 2020-21

Prof. (Dr.) Sandip R Shinde, presented the syllabus of the OOP course to be offered to second year UG

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students w.e.f. AY 2020-21. Dr. Abraham and Mr. Viraj Kulkarni suggested to focus on only one language Java or C++ during the course. Mrs. Ashwini Shingare explained that Java concepts studied incrementally/differentially in the course and the focus is on C++. Dr. Mahalle suggested inclusion of topic, OOPs design principles in the course syllabus.

**Resolution: It is resolved to propose the suggestion for the information of the Academic board.**

**Proposed by : Prof. (Dr.) Sandip R. Shinde**

**Seconded by : Prof. (Dr.) Parikshit Mahalle**

**Item - 5 : Proposing Algorithmic Number Theory as a new elective course for BTech and detailing out the syllabus for the course.**

Dr. Pushkar Joglekar presented syllabus for Algorithmic Number Theory course to be offered as an elective for BTech w.e.f. AY 2020-21.

**Proposed by : Prof. (Dr.) Pushkar S. Joglekar**

**Seconded by : Prof. (Dr.) Jibi Abraham**

**Item - 6 : Prof. (Dr.) Sandeep Shinde presented a report of action taken based on the stakeholders' feedback on the structure, the syllabus, and the assessment scheme for AY 19-20 to all the BoS members (given in Annexure).**

**Resolution : Unanimously approved.**

**Proposed by : Prof. S.R. Shinde**

**Seconded by : Prof. (Dr.) Jibi Abraham**

**Resolution unanimously passed**

**Item - 7 : Prof. (Dr.) Sandeep Shinde presented action proposed based on the stakeholders' feedback on the structure, the syllabus and the assessment scheme for AY 2020-21 to all the BoS members. BoS members approved the action proposed (given in Annexure).**

**Resolution : Unanimously approved the proposed actions and it is decided to present action taken report in the next BoS.**

**Proposed by : Prof. S.R. Shinde**

**Seconded by : Prof. (Dr.) Jibi Abraham**

**Resolution unanimously passed**

The meeting concluded with a vote of thanks given by Prof. (Dr.) Manikrao Dhore



[Prof. (Dr.) S. R. Shinde]

**Chairman, BoS**  
Head, Department of Computer Engineering  
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**Department of Computer Engineering**

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## **Stakeholders' feedback Action Proposed for AY 2021-22**

Subject: Summary of Action proposed for AY 2021-22 (based on stake holders feedback for AY 2020-21)

### **Summary:**

1. For SY following courses can be introduced in the curriculum of AY 21-22, Internet of Things, Computer Organization and Architecture
2. Web Technology, Machine learning course proposed to be added in the TY curriculum.
3. Marketing Management course can be offered to BTech students to give exposure of industry environment.
4. Flipped Classroom implementation for courses.



Prof. (Dr.) Sandeep Shinde

Head, Department of Computer Engineering

Head, Department of Computer Engineering  
Vishwakarma Institute of Technology,  
Pune-411037.



**Minutes of the twenty fourth meeting of Board of Studies Computer Engineering ,Vishwakarma Institute of Technology, Pune- 411 037 held on Monday, 10-08-2021.**

Meeting No: BOS/COMP/24/2021  
2021

Date: 10-08-

**Venue:** Conducted in online mode.

The Meeting of the Board of studies of Department of Computer Engineering, Vishwakarma Institute of Technology, Pune – 411 037 was held on **Tuesday, 10-08-2021 at 3.30 pm** using online google meet.

The following members were present:

Prof. (Dr.) Sandip R. Shinde (BoS Chairman)  
Prof. (Dr.) Manikrao Dhore  
Prof.(Dr.) Abhiram Ranade  
Prof (Dr.) Jibi Abraham  
Prof. (Dr.) P.N. Mahalle  
Dr. Sandeep Deshmukh  
Mr. Viraj Kulkarni  
Prof. (Dr.) S.T. Patil  
Prof. S.B. Karthick  
Prof. (Dr.) G.D. Bhutkar  
Prof. (Dr.) P. S. Joglekar  
Prof. A. S. Shingare

Following two student representatives invited to the meeting. Both representatives attended the meeting.

Prateek Puranik, TY Computer Engineering.  
Yash Gaherwar, TY Computer Engineering.

Prof. (Dr.) Sandip R. Shinde 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. 15/03/ 2021.

**Resolution** : The minutes of the last meeting held on 8/5/ 2020 were read and confirmed, with no modification.

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Dr. Pushkar Joglekar presented the concept of Flipped class room and Dr. G.D. Bhutkar elaborated on the idea and implementation plan of flipped class room. Dr. Sandeep Deshmukh appreciated the idea.

**Proposed by : Prof. (Dr.) G.D. Bhutkar**

**Seconded by : Dr.Sandeep Deshmukh**

**Item – 6** : Prof. (Dr.) Sandeep Shinde presented an action taken report based on the stakeholders' feedback on the structure, the syllabus and the assessment scheme for AY20-21 to all the BoS members (given in Annexure).

**Resolution : Unanimously approved.**

**Proposed by : Prof. S.R. Shinde**

**Seconded by : Dr.Sandeep Deshmukh**

Resolution unanimously passed

**Item – 7** : Prof. (Dr.) Sandeep Shinde presented syllabus of all new courses introduced in AY 2021-22 (given in Annexure I), all the committee members approved the syllabi of all the new courses.

**Resolution : Unanimously approved syllabi of all new courses.**

**Proposed by : Prof. S.R. Shinde**

**Seconded by : Dr. Sandeep Deshmukh**

Resolution unanimously passed

There was no other item presented by the members other than the items above.

The meeting concluded with a vote of thanks given by Prof. (Dr.) Manikrao Dhore



[Prof. (Dr.) S.R. Shinde]

**Chairman, BoS**

**Head, Department of Computer Engineering  
Vishwakarma Institute of Technology,  
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## **Stakeholders' feedback Action Taken Report for AY 2021-22**

Subject: Summary of Action taken for AY 2021-22 based on the stake holders' feedback for AY 2020-21.

### **Summary:**

1. For SY following courses were introduced in the curriculum of AY 21-22.
  - a. CS 2221: Internet of Things
  - b. IT2201: Computer Organization and Architecture
2. Web Technology, Machine learning course are added in the TY curriculum.
3. Marketing Management courses offered to BTech students to get exposure of industry environment.
4. Flipped Classroom implementation for courses.



Prof. (Dr.) Sandeep Shinde  
Head, Department of Computer Engineering

Head, Department of Computer Engineering  
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### **V) Hosted on the institutional website**

#### **Website Link for Stakeholder's Feedback Report for AY 2021-22**

[https://www.vit.edu/Computer/images/Stakeholders\\_Feedback\\_21-22.pdf](https://www.vit.edu/Computer/images/Stakeholders_Feedback_21-22.pdf)



Prof. (Dr.) Sandeep Shinde

Head, Department of Computer Engineering

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