Vishwakarma Institute of Technology

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

666, Upper Indiranagar, Bibwewadi, Pune 411 037

Department of Computer Engineering

Feedback System for Curriculum Development

For AY 2018-19

I. **Stakeholder's Feedback collection**

II. **Feedback Analysis**

III. **Action Taken Report**

IV. **Communication to BoS**

V. **Hosted on the institutional website**

Vishwakarma Institute of Technology

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

666, Upper Indiranagar, Bibwewadi, Pune 411 037

Department of Computer Engineering

I) Stakeholder's Feedback collection for A. Y. 2018-19

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 : 2017-18

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.	8	
4	Reference material and books available.	9	
5	Blended learning and futuristic pedagogy.	8	
6	Evaluation methods for providing proper assessment.	10	
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 experiential learning	8	

Comments (If Any): _____

Name: Pushkar S. Joglekar.
Sign: P. S. Joglekar

(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.

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

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4	Reference material and books available.	9	
5	Blended learning and futuristic pedagogy.	7	
6	Evaluation methods for providing proper assessment.	8	
7	Hands-on component in the Curriculum is satisfactory.	6	
8	Covers of socially relevant issues.	8	
9	Curriculum gives inputs to students for business acumen and ethical practices.	7	
10	Knowledge gain through experiential learning	8	

Comments (If Any): _____

Name: HIMANSHU DASANI, Barclays
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.

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

Department: Computer Engineering   AY : 2017-18

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

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8	Covers of socially relevant issues.	9	
9	Curriculum gives inputs to students for business acumen and ethical practices.	10	
10	Knowledge gain through experiential learning	10	

Comments (If Any): _____

Name: Pranav Dixit
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.

Bansilal Ramnath Agarwal Charitable Trust's
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(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 : 2017-18

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

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3	Curriculum covers the latest state of art topics.	6	
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6	Evaluation methods for providing proper assessment.	8	
7	Hands-on component in the Curriculum is satisfactory.	5	
8	Covers of socially relevant issues.	6	
9	Curriculum gives inputs to students for business acumen and ethical practices.	6	
10	Knowledge gain through experiential learning	7	

Comments (If Any): _____

Name: Rohit Satawadhar
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.

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 : 2017-18

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

Q. No.	Question	Rating On 1-10 scale	Remarks
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9	Curriculum gives inputs to students for business acumen and ethical practices.	8	
10	Knowledge gain through experiential learning	9	

Comments (If Any): _____

Name: Uttam Patil

Sign:

(Note: Feedback is to be taken at the end of every Academic Year from all stake holders)
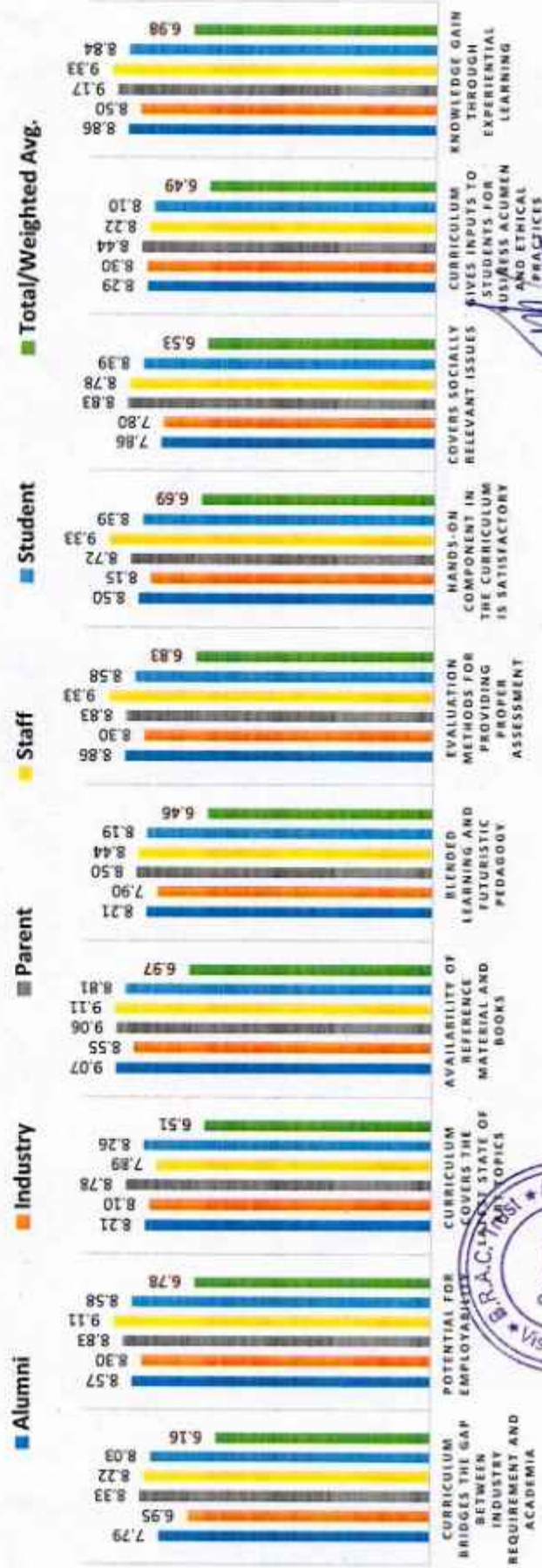
Head, Department of Computer Engineering
Vishwakarma Institute of Technology,
Pune-411037.

STAKE HOLDERS FEEDBACK ANALYSIS FOR A.Y.2017-18

	Academic Year	Stake-holders	No. of Feedbacks received	1 Curriculum bridges the gap between industry requirement and academia	2 Potential for Employability	3 Curriculum covers the latest state of art topics	4 Availability of reference material and books	5 Blended learning and futuristic pedagogy	6 Evaluation methods for providing proper assessment	7 Hands-on component in the Curriculum is satisfactory	8 Covers socially relevant issues	9 Curriculum gives inputs to students for business acumen and ethical practices	10 Knowledge gain through experiential learning
		Alumni	14	7.79	8.57	8.21	9.07	8.21	8.86	8.50	7.86	8.29	8.86
		Industry	20	6.95	8.30	8.10	8.55	7.90	8.30	8.15	7.80	8.30	8.50
		Parent	18	8.33	8.83	8.78	9.06	8.50	8.83	8.72	8.83	8.44	9.17
	2017-18	Staff	9	8.22	9.11	7.89	9.11	8.44	9.33	9.33	8.78	8.22	9.33
		Student	31	8.03	8.58	8.26	8.81	8.19	8.58	8.39	8.39	8.10	8.84
		Total/Weighted Avg.	92	6.16	6.78	6.51	6.97	6.46	6.83	6.69	6.53	6.49	6.98

STAKE HOLDERS FEEDBACK ANALYSIS FOR A.Y.2017-18

Legend: Alumni ■ Industry ■ Parent ■ Staff ■ Student ■ Total/Weighted Avg.

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

Minutes of the Nineteenth meeting of Board of Studies Computer Engineering, Vishwakarma Institute of Technology, Pune- 411 037 held on Thursday, 26-07-2018.

Meeting No. : BOS/COMP/19/2018 Date:26-07-2018

Venue:HOD cabin, Department of Computer Engineering, Vishwakarma Institute of Technology, Pune.

The Meeting of the Board of studies of Department of Computer Engineering, Vishwakarma Institute of Technology, Pune – 411 037 was held on **Thursday, 26-07-2018** at 2-00p.m.in HOD cabin, Department of Computer Engineering of the Institute.
The following members were present:
Prof. (Dr.) Vivek Deshpande (BOS Chairman)
Prof. Sandip R. Shinde (Member Secretary)
Prof.(Dr.) P. N. Mahalle
Prof (Dr.) Vandana Inamdar
Dr. Sandeep Deshmukh
Mr. Viraj kulkarni
Prof. (Dr.) Manikrao Dhore
Prof. (Dr.) S.T. Patil
Prof. S.B. Karthick
Prof. (Dr.) G.D. Bhutkar
Prof. (Dr.) M.R. Dube

The following members conveyed the inability to attend the meeting and leave of absence was granted to them. Prof (Dr.) Abhiram Ranade.

Following two student representatives invited to the meeting. Both representatives attended the meeting.
Prerona Chaudhuri, TY Computer Engineering.
Amey Ekbote, TY Computer Engineering.

Prof. 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. 19ᵗʰ March 2018.

Resolution: The minutes of the last meeting held on 19ᵗʰ March 2018 were read and confirmed, with no modification.

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

that along with CO statements a level (on scale on 1 to 5) is assigned to each CO capturing difficulty of attaining the specific CO which in turn is based on the Level of Bloom's taxonomy associated with the CO. All members appreciated these efforts and confirmed that CO statements of the courses of the program are well-formed. Prof. Mahalle suggested that CO statements can be included as a part of syllabus copy of the course.

Resolution	: **Unanimously passed. It is decided to include CO statements in the syllabus copy from the next academic year.**
Proposed by	: Prof. M. L. Dhore
Seconded by	: **Prof. (Dr.) P. N. Mahalle**

Item – 20 : Prof. (Dr.) Sandeep Shinde presented action proposed based on the stakeholders' feedback on the structure, the syllabus, and the assessment scheme for AY 2017-18 to all the BoS members (given in Annexure). BoS members approved the action proposed.

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.) P. N. Mahalle**

Resolution unanimously passed

Item – 21 : Prof. (Dr.) Sandeep Shinde presented syllabus of all new courses introduced in AY 2018-19 (given in Annexure I), 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 : **Prof. (Dr.) P. N. Mahalle**

Resolution unanimously passed

Item – 22 : Prof. (Dr.) Vivek Deshpande presented the research projects undertaken by the faculty and grants received for the research projects. He also updated to all about the new upcoming research grants to the department. Dr. V.S. Deshpande has given the information of new lab association with the industry. All appreciated his thought and shown interest to work on the projects.

The meeting concluded with a vote of thanks given by Prof. S. R. Shinde.

[Prof. S. R. Shinde]

Member Secretary

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

Stakeholders' feedback Action Proposed for AY 2018-19

Subject: Summary of Action proposed for AY 2018-19 (based on stake holders feedback for AY 2017-18)

Summary:

1. Structure Overview:
   - Inclusion of Engineering Design & Development (EDD), General Proficiency concept is good.
   - Conduction of Course Viva by external faculties (College/Industry).
   - Internship and open electives in structure.

2. Syllabus and Course content:
   - Discrete mathematics, Mathematical Transform and Applications (SY), Cloud computing, Randomized Algorithms, Parallel computing on GPU, Internet of Things (Btech) courses proposed to be added.

3. Course delivery:
   - Project based learning is proposed to be adopted.
   - Participative learning is proposed to be adopted to all students PPT, Role play, flip classroom.

Prof. (Dr.) Sandeep Shinde

Head, Department of Computer Engineering

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

Minutes of the twentieth meeting of Board of Studies Computer Engineering,Vishwakarma Institute of Technology, Pune- 411 037 held on Tuesday, 9-04-2019.

Meeting No. : BOS/COMP/20/2019   Date:9-04-2019

Venue:HOD cabin, Department of Computer Engineering, Vishwakarma Institute of Technology, Pune.

The Meeting of the Board of studies of Department of Computer Engineering, Vishwakarma Institute of Technology, Pune – 411 037 was held on **Tuesday, 9-04-2019** at 2-00p.m.in HOD cabin, Department of Computer Engineering of the Institute.

The following members were present:

Prof. (Dr.)Vivek Deshpande (BOS Chairman)
Prof. (Dr.) Sandip R. Shinde (Member Secretary)
Prof.(Dr.) Vahida Attar
Mr. Viraj Kulkarni
Prof. (Dr.) Manikrao Dhore
Prof. (Dr.) S.T. Patil
Prof. S.B. Karthick
Prof. (Dr.) G.D. Bhutkar
Prof. (Dr.) M.R. Dube
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.
Prof (Dr.) Abhiram Ranade
Prof (Dr.) P.N. Mahalle
Dr. Sandeep Deshmukh

Following two student representatives invited to the meeting. Both representatives attended the meeting.
Prerona Chaudhuri, TY Computer Engineering.
Amey Ekbote, TY Computer Engineering.

Prof. 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. 26th July 2018.**

Resolution   : The minutes of the last meeting held on 26th July 2018 were read and confirmed, with no modification.
Proposed by : **Prof. Sandip R. Shinde**
Seconded by : **Prof. (Dr.) Manikrao Dhore**

Item - 2   :**Presentation of new syllabus structure of B. Tech Computer wef AY2019-20**

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

Item – 19 : Prof. (Dr.) Sandeep Shinde presented an action taken report based on the stakeholders' feedback on the structure, the syllabus and the assessment scheme for AY17-18 to all the BoS members (given in Annexure).

Resolution : **Unanimously approved.**

Proposed by : Prof. S.R. Shinde
Seconded by : **Prof. (Dr.) P. N. Mahalle**
Resolution unanimously passed

Item – 20 : Prof. (Dr.) Sandeep Shinde presented action proposed based on the stakeholders' feedback on the structure, the syllabus and the assessment scheme for AY 2018-19 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.) P. N. Mahalle**
Resolution unanimously passed

The meeting concluded with a vote of thanks given by Prof. S. R. Shinde

[Prof. S. R. Shinde]
Member Secretary

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

5

Vishwakarma Institute of Technology

666, Upper Indiranagar, Bibwewadi, Pune 411 037

Department of Computer Engineering

Stakeholders' feedback Action Taken Report for AY 2018-19

Subject: Summary of Action taken for AY 2018-19 based on the stake holders' feedback for AY 2017-18.

Summary:

1. Structure Overview:
   - Inclusion of Engineering Design & Development (EDD), General Proficiency concept is good.
   - The Course Viva to be conducted by external faculties (College/Industry) from subsequent academic year.
   - Students Conference.
   - Internship and open electives in structure.

2. Syllabus and Course content:

   - Discrete mathematics, Mathematical Transform and Applications (SY), Randomized &Approximation Algorithms (TY), Cloud computing, Natural language processing (Btech) courses are added.

3. Course delivery:
   - Project based learning is to be adopted from the subsequent academic year.
   - Participative learning is to be adopted for all the students through PPT, Role play, flip classrooms, etc.

Prof. (Dr.) Sandeep Shinde

Head, Department of Computer Engineering

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

Bansilal Ramnath Agarwal Charitable Trust's

Vishwakarma Institute of Technology

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666, Upper Indiranagar, Bibwewadi, Pune 411 037

Department of Computer Engineering

V) <u>**Hosted on the institutional website**</u>

Website Link for Stakeholder's Feedback Report for AY 2018-19

https://www.vit.edu/Computer/images/Stakeholders_Feedback_18-19.pdf

Prof. (Dr.) Sandeep Shinde

Head, Department of Computer Engineering

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