# Feedback System for Curriculum Development

## For AY 2022-23

I. **Stakeholder's Feedback collection**

II. **Feedback Analysis**

III. **Action Taken Report**

IV. **Communication to BoS**

V. **Hosted on the institutional website**

## I) <u>Stakeholder's Feedback collection for A. Y. 2022-23</u>

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: CSE

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. | 10 | |

Comments (If Any): _____

Name: Prof. Jyoti Kanjalkar

Organization:

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: CSE

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. | 8 | |
| 2 | Potential for Employability. | 9 | |
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| 7 | Hands-on component in the Curriculum is satisfactory. | 10 | |
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| 9 | Curriculum gives inputs to students for business acumen and ethical practices. | 8 | |
| 10 | Knowledge gain through project-based learning / project centric learning. | 10 | |

Comments (If Any): _____

Name: Gauri

Organization: Edelweiss

Sign:

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

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

**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: CSE                    AY: 21-22
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 | |
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| 6 | Evaluation methods for providing proper assessment. | 10 | |
| 7 | Hands-on component in the Curriculum is satisfactory. | 8 | |
| 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: Neha Khare
Organization: Vmware
Sign: Neha Khare
Date: 19/4/22

(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: AY : AY21-22

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. | 3 | |
| 2 | Potential for Employability. | 5 | |
| 3 | Curriculum covers the latest state of art topics. | 5 | |
| 4 | Reference material and books available. | 6 | |
| 5 | Blended learning and futuristic pedagogy. | 6 | |
| 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. | 4 | |
| 10 | Knowledge gain through project-based learning / project centric learning. | 8 | |

Comments (If Any): _____

Name: Anish Kulkarni

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.

Department of Computer Engineering

parent **Stakeholders feedback on Syllabus Structure and Curriculum**

Give the ratings on the scale of 1 to 10.

1. How do you rate the quality of the contents of courses in the structure?   9

2. How do you rate the courses in terms of depth of coverage?   10

3. Does curriculum cover foundational aspects of computing?   Yes

4. How do you rate the breadth of curriculum in terms of encompassing introduction to currently relevant areas?   9

5. How do you rate the hands-on experience students gain while working on various projects?   10

6. Does curriculum encourage industry interaction through internship courses?   Yes

7. Rate the effectiveness of the curriculum in terms of making student ready for industry job.   10

8. Rate the effectiveness of the curriculum in terms of making students ready for higher studies.   10

9. Rate the effectivity of curriculum in terms of inculcating research aptitude in the students?   9

10. Rate the overall structure in terms of outcomes achieved (as reflected in the case of your ward).   9

Division and Year of the student:  T Y  B   CS

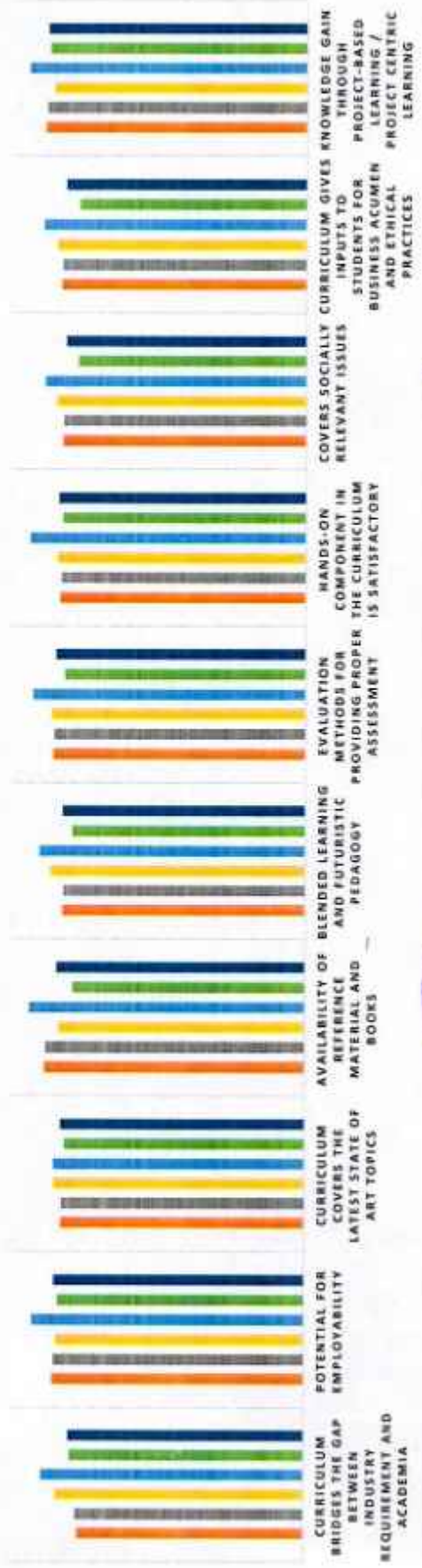Name and signature of parent(s):  Madhav Honrapatil.

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

# STAKE HOLDERS FEEDBACK ANALYSIS FOR A.Y.2021-22

| 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 project-based learning / project |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Alumni | 60 | 7.67 | 8.53 | 8.25 | 8.82 | 8.22 | 8.53 | 8.32 | 8.23 | 8.28 | 8.83 |
| | Industry | 58 | 7.72 | 8.48 | 8.22 | 8.78 | 8.17 | 8.50 | 8.28 | 8.21 | 8.26 | 8.79 |
| 2021-22 | Parent | 54 | 8.42 | 8.42 | 8.50 | 8.33 | 8.63 | 8.60 | 8.42 | 8.44 | 8.44 | 8.54 |
| | Staff | 19 | 8.89 | 9.22 | 8.50 | 9.33 | 9.00 | 9.22 | 9.33 | 8.83 | 8.89 | 9.39 |
| | Student | 105 | 7.93 | 8.35 | 8.13 | 7.86 | 7.89 | 8.15 | 8.23 | 7.72 | 7.69 | 8.69 |
| | Total/Weighted Avg. | 296 | 7.99 | 8.48 | 8.27 | 8.41 | 8.22 | 8.45 | 8.36 | 8.12 | 8.13 | 8.75 |

## STAKE HOLDERS FEEDBACK ANALYSIS FOR A.Y.2021-22

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



Categories: 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

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

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.

Identification No. - PU/PN/Engg./061/(1984)

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**Minutes of the twenty fourth meeting of Board of Studies Computer Engineering ,Vishwakarma Institute of Technology, Pune- 411 037 held on 08-04-2022.**

Meeting No: BOS/COMP/25/2022                     Date: 08-04-2022

**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 **Friday, 08-04-2022 at 3 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
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. 10/08/ 2021.**

**Resolution**       : The minutes of the last meeting held on 10/08/ 2021 were read and confirmed, with

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**Item – 8** : Prof. (Dr.) Sandeep Shinde presented action proposed based on the stakeholders' feedback on the structure, the syllabus and the assessment scheme for AY 2021-22 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

**Item – 9** : Prof. (Dr.) Sandeep Shinde presented syllabus of all new courses introduced in AY 2022-23 (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** : Prof. (Dr.) Jibi Abraham

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,
Pune-411037.

# Vishwakarma Institute of Technology

666, Upper Indiranagar, Bibwewadi, Pune 411 037
**Department of Computer Engineering**

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## Stakeholders' feedback Action Proposed for AY 2022-23

Subject: Summary of Action proposed for AY 2022-23 (based on stake holders feedback for AY 2021-22)

**Summary:**

a. New Assessment for the programming-based subjects (Operating System, Data Structure, Object Oriented Programming in SY and Web Technology in TY). More weightage is given to the ESE programming exams.

b. A new subject called Design Thinking proposed to be introduced for SY and TY. Motivation is to write and publish technical paper on the project/research work done in the previous semester under EDI Course.

c. For non-programming courses one assessment component can be reduced by giving a choice between PPT presentation(seminar) and Group Discussion.

d. New courses like Blockchain technology and Magic-XPA/XPI can be added in Btech syllabus to give industry exposure to students.


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

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

666, Upper Indiranagar, Bibwewadi, Pune - 411 037.

Identification No. - PU/PN/Engg./061/(1984)

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**Minutes of the twenty sixth meeting of Board of Studies Computer Engineering ,Vishwakarma Institute of Technology, Pune- 411 037 held on Monday, 27-09-2022.**

Meeting No: BOS/COMP/26/2022                     Date: 27-09-2022

**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, 27-09-2022 at 4 pm** 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.) S.T. Patil
Prof. S.B. Karthick
Prof. (Dr.) G.D. Bhutkar
Prof. (Dr.) P. S. Joglekar
Prof. (Dr.) Jyoti Kanjalkar

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

Devanshu Dalal, BTech Computer Engineering.
Yash Gaherwar, BTech 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. 08/04/2022.**

**Resolution**        : The minutes of the last meeting held on 08/04/2022 were read and confirmed, with no modification.

**Proposed by**       : **Prof. (Dr.) Sandeep Shinde**
**Seconded by**       : **Prof. (Dr.)Jibi Abraham**

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बन्सीलाल रामनाथ अगरवाल चॅरिटेबल ट्रस्ट संचलित

# विश्वकर्मा इन्स्टिट्यूट ऑफ टेक्नॉलॉजी
(सावित्रीबाई फुले पुणे विद्यापीठाशी संलग्न स्वायत्त संस्था)
६६६, अप्पर इंदिरानगर, बिबवेवाडी, पुणे - ४११ ०३७.

Approved by A. I. C. T. E. New Delhi

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.

Identification No. - PU/PN/Engg./061/(1984)

**Item – 9** : Prof. (Dr.) Sandeep Shinde presented an action taken report based on the stakeholders' feedback on the structure, the syllabus and the assessment scheme for AY21-22 to all the BoS members (given in Annexure).

**Resolution** : Unanimously approved.

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

**Seconded by** : Dr.Abraham

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,
Pune-411037.

## Stakeholders' feedback Action Taken Report for AY 2022-23

Subject: Summary of Action taken for AY 2022-23 based on the stake holders' feedback for AY 2021-22.

**Summary:**

a. New Assessment for the programming-based subjects (Operating System, Data Structure, Object Oriented Programming in SY and Web Technology in TY). More weightage is given to the ESE programming exams.

b. A new subject called Design Thinking is introduced for SY and TY. Motivation is to write and publish technical paper on the project/research work done in the previous semester under EDI Course.

c. For non-programming courses one assessment component is reduced by giving a choice between PPT presentation(seminar) and Group Discussion.

d. New courses like Blockchain technology and Magic-XPA/XPI added in Btech syllabus to give industry exposure to students.

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

*(An Autonomous Institute Affiliated to Savitribai Phule Pune University)*
666, Upper Indiranagar, Bibwewadi, Pune 411 037

**Department of Computer Engineering**

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## V)   Hosted on the institutional website

## Website Link for Stakeholder's Feedback Report for AY 2022-23

https://www.vit.edu/Computer/images/Stakeholders_Feedback_22-23.pdf

Prof. (Dr.) Sandeep Shinde

Head, Department of Computer Engineering

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