Feedback System for Curriculum Development for AY - 2022-23

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

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: Information Technology AY: 2022-23

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.	10	
4	Reference material and books available.	8	
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.	8	
9	Curriculum gives inputs to students for business acumen and ethical practices.	7	
10	Knowledge gain through project-based learning / project centric learning.	9	

Comments (If Any): _____

Name: Mrs Deepali Joshi

Organization: VIT, Pune

Sign:

Stakeholder's Feedback collected: Sample Employers Feedback

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
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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: Information Technology AY: 2022-23

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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2	Potential for Employability.	8	
3	Curriculum covers the latest state of art topics.	9	
4	Reference material and books available.	9	
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.	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: Mr. Nitin Chiraniya

Organization: Xtrine Software Solutions Pri. Limi

Sign: Nitin

Stakeholder's Feedback collected: Sample Alumni Feedback

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

Department: Information Technology AY: 2022-23

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.	8	
4	Reference material and books available.	7	
5	Blended learning and futuristic pedagogy.	8	
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.	9	
10	Knowledge gain through project-based learning / project centric learning.	10	

Comments (If Any): _____

Name: Raj Shah

Organization: Entrepreneur

Sign:

Stakeholder's Feedback collected: Sample Students Feedback

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
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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: Information Technology AY: 2022-23
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.	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.	7	
8	Covers of socially relevant issues.	8	
9	Curriculum gives inputs to students for business acumen and ethical practices.	7	
10	Knowledge gain through project-based learning / project centric learning.	10	

Comments (If Any): _____

Name: ~~VIT student~~ Jaee Kale

Organization: VIT student

Sign: Jaee Kale

Stakeholder's Feedback collected: Sample Parents Feedback

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: Information Technology AY: 2022-23

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	Good
2	Potential for Employability.	9	very Good
3	Curriculum covers the latest state of art topics.	8	fine
4	Reference material and books available.	9	Good
5	Blended learning and futuristic pedagogy.	10	V. Good
6	Evaluation methods for providing proper assessment.	9	Good
7	Hands-on component in the Curriculum is satisfactory.	9	good
8	Covers of socially relevant issues.	9	good
9	Curriculum gives inputs to students for business acumen and ethical practices.	9	V: good.
10	Knowledge gain through project-based learning / project centric learning.	9	V. good

Comments (If Any): Can increase semester duration.

Name: NAGNATH KAPUSKARI

Organization: VIT Student

Sign: NAGNATH

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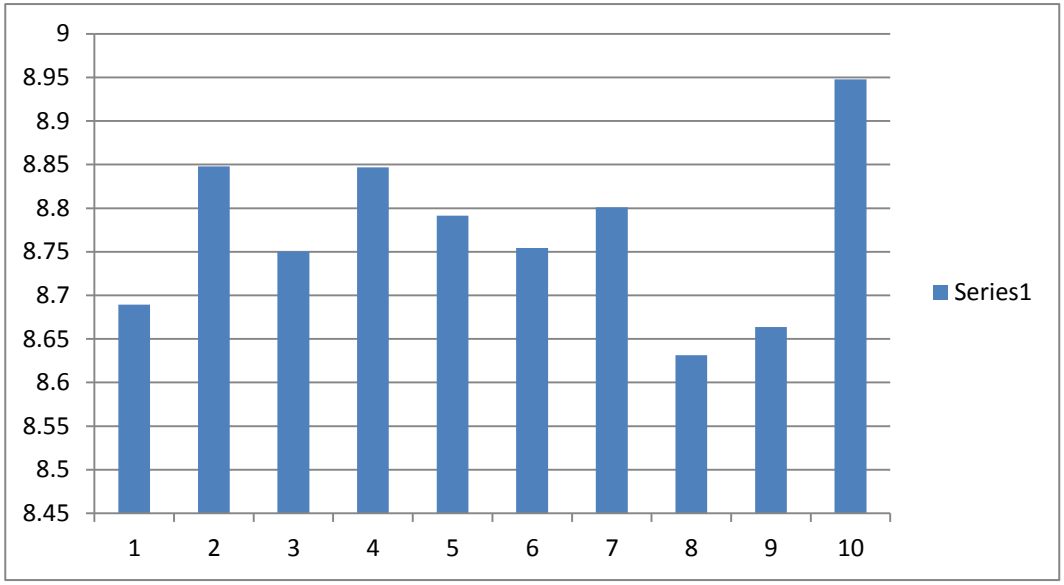
Department of Information Technology

Stakeholder's feedback collection for A. Y. 2022-23 and Feedback Analysis

			Q. No.	1	2	3	4	5	6	7	8	9	10
2022-23	Students	36	Average score	8.916667	8.694444	8.833333	8.527778	8.666667	8.388889	8.611111	8.388889	8.361111	8.777778
	Teachers	11		8.363636	8.545455	8.727273	9.181818	8.909091	8.454545	8.727273	8.363636	8.909091	8.818182
	Employers	14		8.785714	9.071429	8.571429	9.428571	9	8.714286	8.571429	8.642857	8.714286	8.785714
	Alumni	7		9.428571	9.428571	9.571429	9.142857	9	9.714286	9.714286	9.428571	9.142857	9.714286
	Parent	42		7.952381	8.5	8.047619	7.952381	8.380952	8.5	8.380952	8.333333	8.190476	8.642857
	Total	110		8.689394	8.84798	8.750216	8.846681	8.791342	8.754401	8.80101	8.631457	8.663564	8.947763



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Department of Information Technology

Descriptive Feedback Analysis:

1. **Parents:** Based on analysis of feedback given by parents it is observed that:
   Students should get engaged with other innovative courses and should motivate for self-study.

2. **Students:** Based on analysis of feedback given by students it is observed that:
   They need more knowledge on current cutting edge technology and more focus towards practicals.

3. **Teachers:** Based on analysis of feedback given by faculties it is observed that:
   Curriculum should focus more on core courses based on programming aspects to develop the skill sets required for placements.

4. **Industry:** Based on analysis of feedback in IAB meeting it is observed that:
   Basic fundamentals aspects in every course should be focus widely. Branch specific content should be included in the courses.

5. **Alumni:** Based on analysis of feedback given by Alumni it is observed that:
   Need to minimize the gap between industry and Academic

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 2023-24

The average scores for the all questions are found to be above 8.6 on the scale of 10.

- The NPTEL Swayam course Cyber Security and Privacy is offered to the Final year students for practicing the NEP to increase analytical and creative thinking.
- Hardware based course included at the second year level based on placement feedback
- Linkedin course module "Generative AI and its applications" containing 5 small courses namely, Processing Text with Python Essential Training, Advanced NLP with Python for Machine Learning, Deep Learning Foundations: Natural Language Processing with TensorFlow, Recurrent Neural Networks and Generative AI: Working with Large Language Models are offered as an open elective for the Final year students.
- Additional two Linkedin Learning courses namely, Data modeling and forecasting and Critical Thinking are offered as an audit courses to the TY Advanced and Weak learners based on industry feedback.
    - Additional two Linkedin Learning courses namely, Simple statistics for user experience projects and Communication foundations are offered as an audit courses to the SY Advanced and Weak learners.

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Department of Information Technology

Communication to the BoS-Information Technology

The Agenda of BOS meeting Dated 18.08.2023

1. Updates about Department for AY 2022-23
2. To read and confirm the minutes of previous BOS
3. Review of Stakeholder's feedback analysis for A.Y. 2022-23 and Approvalfor action taken report for A.Y. 2023-24
4. Presentation and Approval of UG structure and Syllabus for A.Y. 2023-24
5. Approval for programme core course designed for FY BTech under NationalEducation Policy (NEP)
6. Presentation and Approval of course names for various categories proposedunder NEP.
7. Any other point with the permission of Chair

Bansilal Ramnath Agarwal Charitable Trust's

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Department of Information Technology

Minutes of the Twenty Eight meeting of Board of Studies, Department of Information Technology, Vishwakarma Institute of Technology, Pune- 411 037 held on Friday, 18-08- 2023 at 3.30pm

Meeting No. : BOS/IT /28/2023 Date: 18-08-2023

Venue: Conference Hall, Department of Information Technology, Vishwakarma Institute of Technology, Pune.

28th meeting was held offline as well as online mode on Google meet platform with following details:

BOS MEET-IT department: VIT, Pune
Friday, August 18 · 2:30 – 5:30pm
Time zone: Asia/Kolkata
Google Meet joining info
Video call link: https://meet.google.com/fdm-qgcq-rdq
Or dial: (US) +1 916-277-0587 PIN: 587 610 992#

The Meeting of the Board of studies of Department of Information Technology, Vishwakarma Institute of Technology, Pune-411037 was held on Friday, 18-08-2023 at 3:30 p.m.in Conference Hall, Department of Information Technology, Vishwakarma Institute of Technology, Pune.

The following BoS members were present:

1. Prof. (Dr.) Premanand P. Ghadekar (BOS Chairman)
2. Prof. (Dr.) P. S. Dhabe (Member Secretary)
3. Prof.(Dr.) Nilanjan Dey, Associate Professor, Techno International New Town, Kolkata
4. Prof.(Dr.) Nilesh Uke, Principal, Trinity Academy of Engineering, Pune
5. Mr. Swanand Kulkarni, Data Science Architect, Data Dynamics,Pune
6. Prof. (Dr.) P A Bailke
7. Prof. D. R. Deshpande
8. Prof. A. R. Sawant
9. Prof. D. J. Joshi
10. Miss Kunjal Agrawal Student Representative
11. Mr. Adwait Bhosale Student Representative

The following member conveyed their inability to attend the meeting

1. Prof.(Dr.) Vahida Attar
2. Mr. Abhijeet Gattani

The Chairman, BoS welcomed all BoS members and invited faculty.

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 Chair and following resolutions were passed.

Item-1 : To read and confirm the minutes of the last meeting i.e. 2nd February 2023.

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 : Approval for new UG Structure and Syllabus with effect from Academic Year 2023-24

Head of the Department, Dr. P. P Ghadekar sir, presented new syllabus and structure of B.Tech-Information Technology (Annexure I). The inclusion of new courses (ANNEXURE III) like Probability and calculus, Digital Electronics and Microprocessor, Cloud Computing was discussed during the meeting and stated the importance of these courses.

All Members appreciated the structure with few suggestions as listed below:

1. **Dr. Nilesh Ukey sir suggested t**o focus on the content of course by considering industry requirements, research development and make it application oriented. Select the courses which are aligned to IT branch
2. **Dr. Nilanjan Dey suggested** to add some knowledge driven courses like Knowledge Management which will be offered in AY 2024-25 under NEP
3. **Mr Swanand Kulkarni sir suggested verifying** the difference between the course content like ML, DL, AI, image processing and computer vision and Data science to avoid the overlaps.

Resolution : It is resolved to propose to Academic Board to approve Structure
Proposed by: Prof. Dr. P. P. Ghadekar
Seconded by: Prof. Dr. Nilesh Uke

Item-3 : Review of Stakeholder's feedback analysis for A.Y. 2022-23 and Approval for action taken report for A.Y. 2023-24: ANNEXURE II

Resolution : The stakeholder's feedback and its analysis were presented for AY 2022-23 and Action taken report is approved for A. Y. 2023-24
Proposed by: Mrs. D. R. Deshpande
Seconded by: Mr. Swanand Kulkarni

Item-4 : Approval for Programme core course designed for FY BTech under National Education Policy (NEP)

Resolution : The Syllabus of Programme core course namely, 'Principle of Programming Language', for FY BTech students under NEP was presented, accepted and approved. This curriculum will be implemented from Sem-1 of AY 2023-24 for FY BTech.

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

Seconded by: Prof. Dr. Nilanjan Dey

Item-5 : Approval of BTech course names for various categories proposed under NEP

Resolution : The BTech course names for various categories proposed under NEP were presented, accepted and approved.

This curriculum will be implemented from Sem-1 of AY 2024-25.

Proposed by: Prof. Dr. P.A. Bailke

Seconded by: Prof. Dr. Nilesh Uke

The meeting concluded with a vote of thanks and summary presented by Prof. A R Sawant, Assistant Head, Admin to the BoS members and invited faculty.

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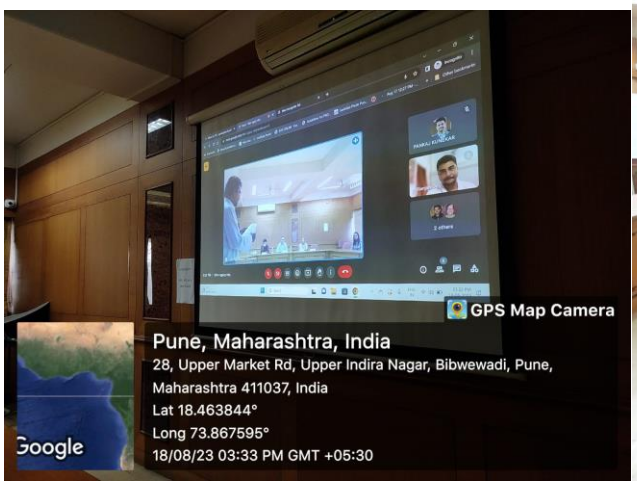
Department of Information Technology



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

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Annexure III

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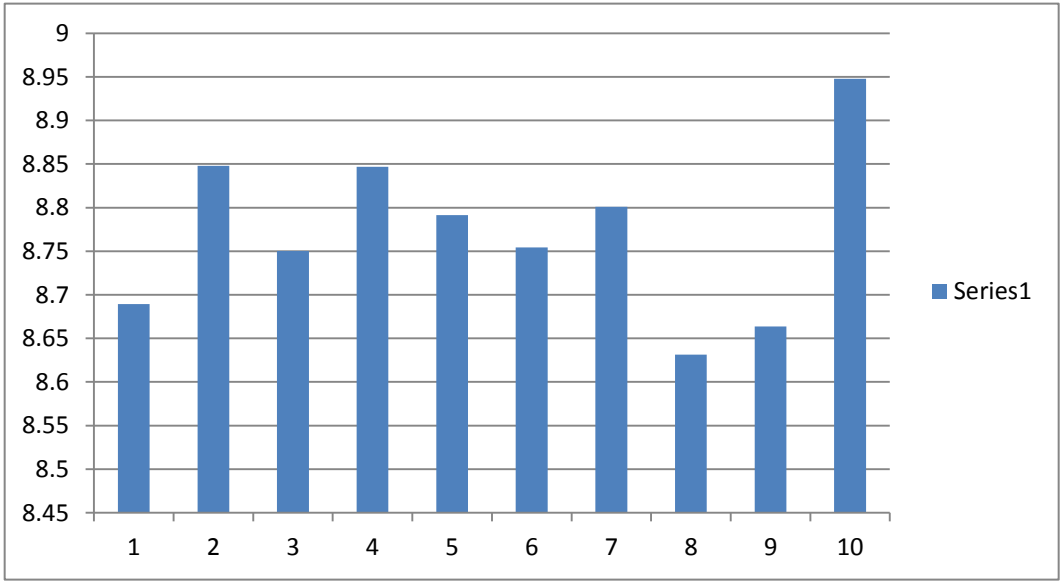

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Action taken report for AY 2023-24

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