



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 Artificial Intelligence and Data Science

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



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Vishwakarma Institute of Technology
Pune - 411 037



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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 Students Feedback
4. Stakeholder's Feedback collected: Sample Parents Feedback



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Department of Artificial Intelligence and Data Science

Title: Stake Holders Feedback on Curriculum

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: Artificial Intelligence & Data Science

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.	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.	10	
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.	8	

Comments (If Any):

Name: Madhuri M. Barhate.

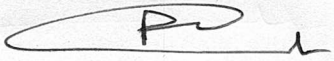
Organization: VIT, Pune.

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: *Nitin Chikariya*

Organization: *Z-Byte*

Sign: *Nitin Chikariya*

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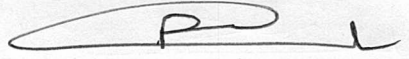
Name: Ram Mukesh Mandana

Organization: VIT - Pune

Sign:

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Department: Artificial Intelligence & Data Science

AY: 21-22

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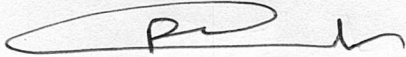
Comments (If Any):

Name: Vishwas shamsing Patil
Organization: Marketing manager.
Sign: V.S. Patil.

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

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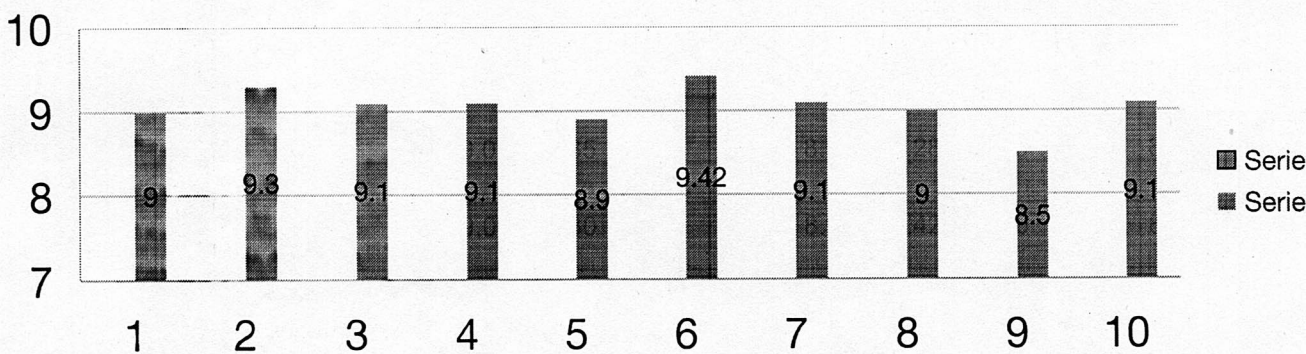
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ii) Stakeholder's Feedback Analysis for A. Y. 2021-22

AY		Q.No	1	2	3	4	5	6	7	8	9	10
2021-22	Students	35	9.00	9.16	9.10	9.15	8.75	9.50	9.00	9.20	8.50	9.20
	Teachers	12	9.04	9.50	9.20	9.05	9.07	9.46	9.15	8.75	8.50	9.40
	Employers	12	8.90	9.20	9.10	9.30	8.80	9.43	9.30	9.10	8.70	8.70
	Parents	11	9.05	9.35	8.99	8.90	8.99	9.28	8.93	9.00	8.35	9.10
	Total	70	9.00	9.30	9.10	9.10	8.90	9.42	9.10	9.01	8.51	9.10

Question-Wise Average Score AY 2021-22



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Descriptive Feedback Analysis :

1. **Parents:** Based on analysis of feedback given by parents it is observed that:
 - a. Knowledge gain through project-based learning is satisfactory
 - b. Appreciated for the encouragement given to students in over all development
2. **Students:** Based on analysis of feedback given by students it is observed that:
 - a. Demand to include courses like Design and Thinking which is versatile, iterative approach for real world problem-solving
 - b. Focus on areas that helps to gain innovative ideas
 - c. More focus on strategic business decisions, and optimize business operations
3. **Teachers:** Based on analysis of feedback given by faculties it is observed that:
 - a. Develop projects that incorporates novel ideas and approaches to solve existing problems
4. **Industry:** Based on analysis of feedback given by employers it is observed that:
 - a. Focus on understanding principles for an effective and feasible business development that leads to innovation
 - b. Focus more on basic concept, communication skills and business operation
 - c. **Over-all Analysis:** Based on complete strategy of feedback given by all stakeholders it is observed that activities planned for the encouragement of students is satisfactory. More scope to courses that helps in real world problem solving , improve basic concepts , communication skills and business operation

Prof. (Dr.) Premanand.P.Ghadekar
Head of Department



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III) Action Taken Report for A.Y. 2021-22 based on Stakeholder's Feedback Analysis

The average scores for the all questions are found to be above 8.5 on the scale of 10. based on the feedback the stake holders few changes were made.

1. Course subject such as Database management system , is updated in second year Btech and in the year Btech onwards emphasis on core electives and special electives courses
2. To improve technical knowledge courses like Design and Thinking is added which helps to focus more on problem solving and enhances knowledge.

Prof. (Dr.) Premanand.P.Ghadekar
Head of Department



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Department of Artificial Intelligence and Data Science

Communication to the BoS-Artificial Intelligence and Data Science

The Agenda of BOS meeting Dated 7th october 2022

1. Department Vision, mission
2. Design of structure and syllabus AI&DS
3. Stakeholder feedback analysis for AY 2021-22 and proposed action report
4. Slow and Weak learners



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Department of Artificial Intelligence and Data Science

Minutes of the Fifth meeting of Board of Studies, Department of Artificial Intelligence and Data Science, Vishwakarma Institute of Technology, Pune- 411 037 held on Friday, 07-10- 2022 at 5pm

Meeting No. : BOS/AI&DS /05/2022

Date: 07-10-2022

Venue: 5th meeting was held online mode on Google meet platform with following details:

BOS MEET: 7th October 2022

Friday, October 7 · 5:00 – 6:00pm

Google Meet joining info

Video call link: <https://meet.google.com/fey-vffw-xzw>

Or dial: (US) +1 414-436-8623 PIN: 925 256 595#

More phone numbers: <https://tel.meet/fey-vffw-xzw?pin=7588054174873>

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.) P.S.V Natraj, Professor, Systems & Control Engineering, IIT, Bombay
4. Prof. (Dr.) Vahida Attar, HOD, Computer Department, COEP, Pune
5. Mr. Abhijeet Gattani, Team Manager, Siemens, Pune
6. Prof. (Dr.) P A Bailke
7. Prof. (Dr.) S. P. Dongre
8. Prof. D. R. Deshpande
9. Prof. A. R. Sawant
10. Arnav.Chandra Student Representative
11. Vithika Pungliya Student Representative

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

1. Prof (Dr.) Varsha Patil, Vice-Principal, Matoshri COE, Nasik,
2. Mr. Swanand Kulkarni, Staff Engineer, ENEA Openwave, Pune

1. Prof. D. R. Deshpande (Assistant Head, AI&DS) extended a warm welcome to all the members of the Board of studies.
2. 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 9th April 2022 by Prof. (Dr.) P. S. Dhabe.



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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

Item – 2: Prof. (Dr.) P. P. Ghadekar, Head Artificial Intelligence and Data Science department, presented the following points:

1. Prof. (Dr.) P. P. Ghadekar, presented the structure and syllabus of B.Tech (AI&DS) for AY 2022-23
2. He informed about the new 1 credit course 'Design Thinking'. In his presentation he discussed about the importance of this course for paper publication based on previous project work done.
3. Further following points were presented by Prof. (Dr.) P. P. Ghadekar. Vision-Mission of department and institute: During the presentation he requested all external members to give inputs on vision and mission of the department if any updation is needed.

All external members approved the vision and mission without any suggestions.

Concept of advanced and slow learner policies

360 degree assessment scheme and credit system

4. BTech -Artificial Intelligence & Data Science was presented with indicating the importance of course like Statistical Inference, Cloud Computing, Deep Learning and etc. for AI&DS branch.

Entire presentation was appreciated by all external BOS members with few suggestions as follows:

1. Prof.(Dr.) P S V Nataraj, from IIT Bombay, found satisfied with the curricula. He suggested trying for more research projects and involving students also.
2. Prof.(Dr.) P S V Nataraj, Prof. Vahida Attar and Mr. Gattani appreciated all the elective courses.
3. Mr. Gattani sir, requested copy of the syllabus for detailed feedback/review specifically for the elective courses like predictive maintenance.

Student representative Miss Vithika and Mr. Arnav Singh suggested to focus on communication and management skills

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

Seconded by: Prof Dr. P.S.V Nataraj

Resolution unanimously passed.

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



[Prof. (Dr.) P P Ghadekar]

BOS Chairman

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Snaps of Online meeting:

Dr. Prasad Chaudhari is presenting

Agenda

- To read and confirm minutes of previous BOS
- Presentation of action taken report
- Approval of SG structure and Syllabus for AY 2022-23
- Review of Department Vision, Mission, POs, PSOs and revision if required
- Approval for Course Outcomes for all courses taught in AY 2022-23
- Approval for CO to PO/PSO mapping for all courses taught in AY 2022-23
- Approval for CO to Assessment mapping for all courses taught in AY 2022-23
- Approval for Course Articulation Matrix (COM) and Program Articulation Matrix (PAM)
- Approval for actions planned for CO - non attainment
- Apply for identification of weak and advanced learners and strategic support for weak and advanced learners
- Any other point with the permission of Chair

BOS MEET: 7th October 2022

Dr. Prasad Chaudhari is presenting

Program Structure TY.B.Tech-AI&DS (A.Y.2022-23)

Sl. No.	Course Name	Prerequisites	Time (Lect/Week)	Theory (Lect/Week)	Lab (Prac/Week)	Credit Points	Grade
01	Artificial Intelligence	Computer and Applications	2	1	1	4	4
02	Operating Systems	Deep learning	2	1	1	4	4
03	Statistical Inference	Cloud Computing	2	1	1	4	4
04	Machine Learning	Software Design and Methodology	2	1	1	4	4
05	Engineering Design And Innovation-1	Engineering Design And Innovation-1	0	1	0	1	1
06	Design and Manufacturing-1	Design and Manufacturing-1	0	1	0	1	1
						Total credits	18

BOS MEET: 7th October 2022



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IV) Hosted on the institutional website

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

<https://www.vit.edu/AIDSC/images/Stakeholders%20feedback/1.4.1 Feedback Action Report AY2021 22.pdf>

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Dean QA
Dean-Quality Assurance
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Director



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