Bansilal Ramnath Agarwal Charitable Trust's

Vishwakarma Institute of Technology

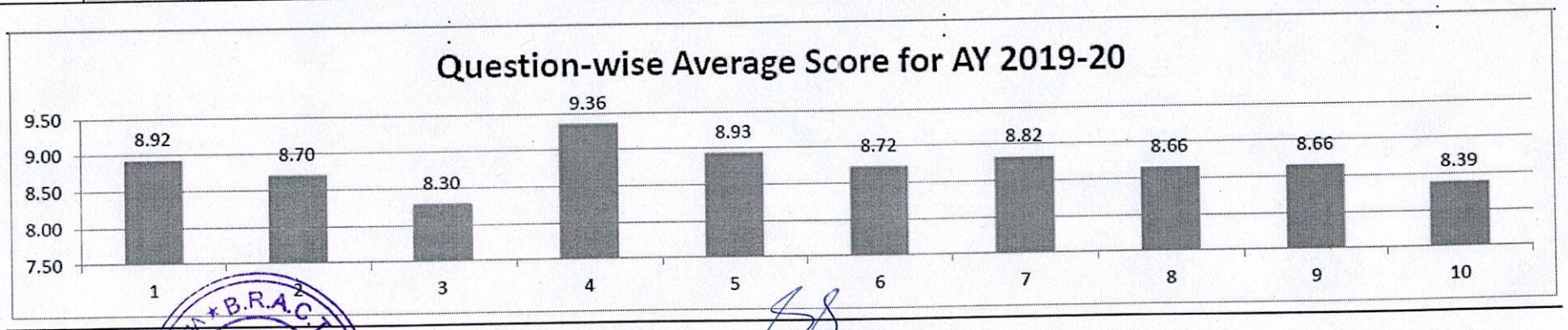
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

666, Upper Indiranagar, Bibwewadi, Pune 411 037

Department of Instrumentation Engineering

II) Stakeholder's Feedback Analysis for A. Y. 2019-20

			Q. No.	1	2	3	4	5	6	7	8	9	10
Academic Year	Stake-holders	No. of Feedbacks received	Question	Bridge the gap between industry requirements and academia	Potential for Employability	Curriculum covers the latest state of art topics	Reference material and books available	Blended learning and futuristic pedagogy	Evaluation methods for providing proper assessment	Hands-on component in the Curriculum is satisfactory	Covers of socially relevant issues	Curriculum gives inputs to students for business acumen and ethical practices	Knowledge gain through Project based learning
2018-19	Students	24	Average score	8.96	8.67	8.33	9.29	8.88	8.75	8.79	8.67	8.67	8.46
	Teachers	11		8.82	8.82	8.18	9.55	9.09	8.64	8.91	8.64	8.64	8.18
	Employers	24		8.96	8.67	8.33	9.29	8.88	8.75	8.79	8.67	8.67	8.46
	Alumni	24		8.96	8.67	8.33	9.29	8.88	8.75	8.79	8.67	8.67	8.46
	Parent	17		8.77	9.00	8.31	9.54	9.15	8.85	8.77	8.69	8.69	8.31
	Total	100		8.92	8.70	8.30	9.36	8.93	8.72	8.82	8.66	8.66	8.39



V.I.T. B.R.A.C. TRUST Vishwakarma Institute of Technology

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

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Descriptive Feedback Analysis :

1. **Parents:** Based on analysis of feedback given by parents it is observed that:
   a. Need the cover latest state-of art topics

2. **Students:** Based on analysis of feedback given by students it is observed that:
   a. Need to add courses to improve the coding skills
   b. Demand to include courses which enhance the employability

3. **Teachers:** Based on analysis of feedback given by faculties it is observed that:
   a. Need to add courses that improve the coding skills
   b. Need the have 360° assessment scheme

4. **Industry:** Based on analysis of feedback given by employers it is observed that:
   a. Need to add software coding courses that has potential for employability

5. **Alumni:** Based on analysis of feedback given by Alumni it is observed that:
   a. Focus on courses that covers latest state-of art topics
   b. Need to improve hands-on skills

Over-all Analysis: To fulfill their needs of placements, internships, etc. and also for the future industry requirements it will better if more IT related courses are added in the curriculum. The blend of core and IT courses will help the students to get their dream job. Also need to improve the assessment scheme to evaluate students in this pandemic time.

Prof. (Dr.) S. Y. Sondkar
Head of Department

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

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III) Action Taken Report for A.Y. 2020-21 based on Stakeholder's Feedback Analysis

The average scores for the following questions are found to be low (i.e. less than 8.5 on the scale of 10)

1. Curriculum covers the latest state of art topics
2. Knowledge gain through project based learning

In AY 2020-21, Software design, Software Development Project, Audit courses, MOOCs, etc. courses were added to make the students industry ready. To increase the rigor of Home Assignments, the components like Case study, design based home assignments, writing blogs, doing survey were added in each course.

SY Common (Department of Multi-disciplinary Engineering) department is introduced to cater common needs of industry from fresh graduates.

Updated the MTech syllabus with the addition of few IT courses and Software Development Project.

Updated the Assessment scheme with eight assessment components like Home assignment, Lab assignments, Course seminar, Group discussion, course project, course viva, Mid semester and End semester examination. Introduced Case study, design based home assignments, writing blogs, doing survey in each course.

Prof. (Dr.) S. Y. Sondkar
Head of Department

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