

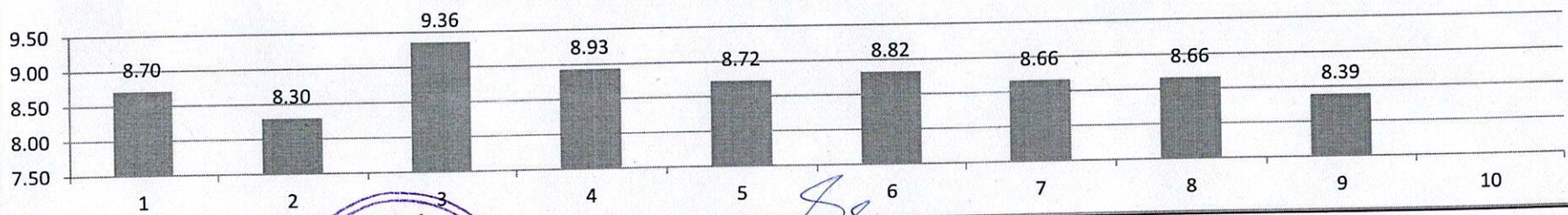



Bansilal Ramnath Agarwal Charitable Trust's
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 Department of Instrumentation Engineering

II) Stakeholder's Feedback Analysis for A. Y. 2022-23

Academic Year	Stake-holders	No. of Feedbacks received	Q. No.	1	2	3	4	5	6	7	8	9	10
			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 experiential learning
2022-23	Students	43	Average score	8.79	8.56	8.49	9.21	8.74	8.74	8.65	8.65	8.60	8.60
	Teachers	11		8.82	8.91	8.64	9.18	8.73	8.64	8.73	8.82	8.73	9.09
	Employers	12		8.83	9.00	8.67	9.25	8.75	8.67	8.75	8.83	8.83	9.08
	Alumni	21		8.71	8.67	8.71	9.14	8.81	8.62	8.76	8.57	8.57	8.76
	Parent	21		8.62	8.76	8.76	9.10	8.86	8.57	8.81	8.67	8.76	8.86
	Total	108		8.79	8.78	8.63	9.20	8.76	8.67	8.72	8.72	8.68	8.89

Question-wise Average Score for AY 2022-23




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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 experiential learning is satisfactory
 - b. Appreciated the learning resources and for the encouragement given to students in overall development
2. **Students:** Based on analysis of feedback given by students it is observed that:
 - a. Overall assessment practices followed is satisfactory
 - b. Availability of Learning recourses are satisfactory
 - c. Demand to include courses which is latest and having the state of art topics
3. **Teachers:** Based on analysis of feedback given by faculties it is observed that:
 - a. Include few NPTEL courses for the NEP preparedness
 - b. Need various assessment patterns depending on the course nature
4. **Industry:** Based on analysis of feedback given by employers it is observed that:
 - a. Very good hands-on experience due to course projects, major projects and internships
 - b. Need to enhance the learning of Basic concepts
5. **Alumni:** Based on analysis of feedback given by Alumni it is observed that:
 - a. Need to revise the assessment methods according to the course nature
 - b. Focus on courses that contributes to make independent choice and directly helps to develop Employability skills
 - c. Need to minimize the gap between industry and Academic
 - d. Time for completion of major project is less

Over-all Analysis: Based on complete strategy of feedback given by all stakeholders it is observed to include some basic fundamental courses, new elective courses and audit courses which covers advance topics based on need of current technology and also one or two NPTEL courses for NEP preparedness from next academic year.




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III) Action Proposed Report for A.Y. 2023-24 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.

- The NPTEL Swayam course Deep Learning is offered to the Final year students for practicing the NEP.
- Two additional courses, namely Applied Electronics and Sensors and Transducers were introduced at second year level based on the Employer's feedback collected at the TPO cell.
- 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.
- 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.
- Regular Audit courses namely, Instrumentation Project Engineering and Batch Process Control are offered the TY BTech students.
- Updated the assessment scheme.


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