



II. Stakeholder Feedback Report on Electronics and Telecommunication Engineering Curriculum AY 2017-18

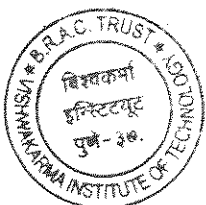
The Electronics and Telecommunication Engineering curriculum strives to provide students with a comprehensive education that aligns with industry demands and equips them for successful careers. To assess the effectiveness of the curriculum, feedback was collected from stakeholders, including employers, parents, faculty, alumni, and students. The survey focused on ten key points, each integral to students' educational experience and future employability.


Survey Points:

1. Bridge the Gap between Industry and Academia.
2. Potential for Employability
3. Coverage of Latest State-of-the-Art Topics
4. Availability of Reference Material and Books
5. Blended Learning and Futuristic Pedagogy
6. Evaluation Methods for Assessment
7. Satisfactory Hands-on Component
8. Inclusion of Socially Relevant Issues
9. Inputs for Business Acumen and Ethical Practices
10. Knowledge gain through experiential learning.

The average points scored in the survey is listed in the below table

Sr. No	Stake Holder	Count	1	2	3	4	5	6	7	8	9	10
1	Students	25	8.73	8.86	8.99	8.98	8.1	8.69	8.14	8.76	8.59	8.72
2	Teachers	12	8.6	8.58	8.67	8.71	8.02	8.94	8.21	8.81	8.89	8.56
3	Employers	13	8.61	8.5	8.65	8.74	8.38	8.86	8.18	8.92	8.66	8.62
4	Alumni	12	8.64	8.93	8.81	9.07	8.08	8.66	8.22	8.52	8.68	8.87
5	Parent	12	8.55	8.64	8.77	8.82	8.03	8.53	8.28	8.5	8.54	8.89
	Toal	74	8.62	8.7	8.77	8.86	8.12	8.73	8.2	8.7	8.67	8.73




Head, Department of Electronics &
Telecommunication Engineering
Vishwakarma Institute of Technology,
Pune-411037.



Descriptive Feedback Analysis:

Feedback Summary: Electronics and Telecommunication Engineering Curriculum AY 2017-18

Analysis of the responses from students, teachers, employers, alumni, and parents based on the mean scores:

Students :

- Students generally have a positive view of the curriculum.
- Strong points include employability potential, the coverage of state-of-the-art topics, availability of reference materials, and the inclusion of socially relevant issues.
- Areas for potential improvement include more emphasis on should be on blended learning and the hands-on component.
- Overall, student feedback reflects a supportive stance on the program, emphasizing employability and staying current with industry trends while suggesting room for improvement in certain areas such as hands on or project based learning.

Teachers :

- Teachers generally have a positive view of the curriculum.
- Strong points include alignment with industry, coverage of state-of-the-art topics, effective assessment methods, and the inclusion of socially relevant issues.
- Areas for potential improvement include employability potential and blended learning.


Employers :

- Employers generally have a positive view of the curriculum.
- Strengths include alignment with industry, coverage of state-of-the-art topics, effective assessment methods, and the inclusion of socially relevant issues.
- Areas for potential improvement include employability potential and blended learning.
- Overall, employer feedback suggests a robust program with domain specific areas such as embedded system, singnal processing, VLSI, etc for enhancement.

Alumni :

- Alumni generally have a positive view of the curriculum.
- Strong points include employability potential, availability of reference materials, and the inclusion of socially relevant issues.
- Areas for potential improvement include blended learning, the hands-on component, and staying up-to-date with the latest industry trends.
- Overall, alumni feedback indicates satisfaction with the program, emphasizing strong preparation for employment while suggesting room for improvement in certain areas such as project and research oriented projects.




Head, Department of Electronics &
Telecommunication 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 E&TC Engineering

Parents :

- Parents generally have a positive view of the curriculum.
- Strengths include employability potential, coverage of state-of-the-art topics, availability of reference materials, and the inclusion of socially relevant issues.
- Areas for potential improvement include blended learning and the hands-on component.
- Overall, parent feedback suggests strong support for the program and specific areas for potential enhancement such as work load of the students.

The feedback analysis of the Electronics and Telecommunication Engineering Curriculum for AY 2017-18, gathered from students, teachers, employers, alumni, and parents, reveals a generally positive perception of the program. Strengths include strong employability potential, coverage of state-of-the-art topics, and effective assessment methods, as well as a focus on socially relevant issues. However, there are areas identified for improvement, such as enhancing blended learning and the hands-on component. Overall, stakeholders express support for the curriculum, with an emphasis on employability and staying current with industry trends, while also acknowledging the need for specific enhancements in various aspects.


Head, Department of Electronics &
Telecommunication Engineering
Vishwakarma Institute of Technology,
Pune-411037.





III. Action proposed for AY 2018-19 based on stake holders feedback for AY 2017-18

Summary of Action proposed for AY 2018-19 based on stake holders' feedback of AY 2017-18

1. Structure Overview:


- Inclusion of Engineering Design & Development (EDD) and General Proficiency.
- Conduction of Course Viva by external faculties (College/Industry).
- Students Conference.
- Internships and open electives subjects are added to the structure.

2. Syllabus and Course content:


- In Electronic Circuits, added design-oriented contents like the design of oscillator, multivibrator, power supply etc.
- Analog Communication and Digital Communication are separated into two courses.

3. Course delivery:

- Project-based learning is adopted.
- Participative learning adopted to all students PPT, Roleplay, flip classroom.


Prof. (Dr.) Shripad Bhatlawande
HOD(Electronics & Telecommunication)




Head, Department of Electronics &
Telecommunication Engineering
Vishwakarma Institute of Technology,
Pune-411037.