



**Bharatiya Vidya Bhavan's  
Sardar Patel Institute of Technology  
Program: Bachelor of Technology (Electronics and  
Telecommunication)  
Vision and mission of the Institute**

<b>Vision</b>	To build a renowned institute which will produce graduate engineers with global competency and social sensitivity.
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<b>Mission</b>	<ol style="list-style-type: none"><li>1. Provide high quality education in engineering and technology promoting the Indian Values and Ethos that will prepare the participants to lead lives of personal integrity and civic responsibility in a global society.</li><li>2. Promote an Educational Environment that combines academic study with the excitement of intellectual curiosity for engineers of tomorrow.</li><li>3. Enhance career opportunities for students through Industry-Institute interaction, value-added courses and projects in cutting edge technology.</li><li>4. Inculcate Entrepreneurial mindset in students to make them job creators.</li><li>5. Focus on applied research to create next generation technologies.</li></ol>
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**Vision and mission of the Electronics and Telecommunication Engineering Department**

<b>Vision</b>	To produce Telecommunication Engineers capable of effectively using the scientific and technical knowledge for the betterment of society.
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<b>Mission</b>	<ol style="list-style-type: none"><li>1. Provide high-quality teaching, state-of-the-art research and creative activity to acquire innovation and next generation technologies.</li><li>2. Develop educational and career goals, decision-making skills and job search strategies needed to manage their professional and academic pursuits.</li><li>3. Promote interaction and exchange with industry and other institutions of higher learning.</li></ol>
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**The Program Educational Objectives of B.Tech.(Electronics and Telecommunication) program are:**

Graduates establish themselves in their chosen career paths by utilizing technical, leadership, communication and interpersonal skills, while complying with ethical standards.
Graduates, through their excellence, contribute towards the next generation of telecommunication by engaging in Research and Development.
Graduates demonstrate personal growth by pursuing or successfully completing advanced degrees and professional development courses in the field of engineering.

**Establish consistency of PEOs with Mission of the Department (15)**

(Generate a “Mission of the Department – PEOs matrix “ with justification and rationale of the mapping)

PEO Statements	PEO	M1	M2	M3
Graduates establish themselves in their chosen career paths by utilizing technical, leadership, communication and interpersonal skills, while complying with ethical standards.	1	Medium	High	Medium
Graduates, through their excellence, contribute towards the next generation of telecommunication by engaging in Research and Development.	2	High	Medium	Medium
Graduates demonstrate personal growth by pursuing or successfully completing advanced degrees and professional development courses in the field of engineering.	3	High	Medium	Medium

**Where:** M1, M2 are two elements of Mission Statement Enter correlation levels 1, 2 or 3, where the correlation levels 1, 2 or 3 as defined below:

1: Slightly (Low) 2: Moderately (Medium) 3: Substantial (High)

If there is no correlation, put “-“

**Program Specific Outcomes (PSO):** (At the end of the programme, a student will be able to:

PSO1	The ability to troubleshoot hardware and software faults/ bugs in Communication systems.
PSO2	The ability to apply open source tools for solving technical problems.