

## 10 Steps for B.Tech Electronics and Communication Engineering Course Enhancement

01	SPECIALIZATIONS	<ul style="list-style-type: none"> <li>• B. Tech ECE with Specialization in Embedded Systems and Industrial IoT</li> <li>• B. Tech ECE with Specialization in Cellular Technology</li> </ul>
02	ISRO	<ul style="list-style-type: none"> <li>• ISRO sponsored NavIC lab for remote sensing</li> <li>• Sponsored projects from ISRO with equipment worth INR 1 crore and guided by veteran scientists</li> </ul>
03	MOU	<ul style="list-style-type: none"> <li>• MOU with TEXAS Instruments to offer industry-oriented skill development programs for all the students.</li> <li>• MoU with S-VYSYA University for collaborative projects on Cognitive Sciences up to Ph.D. level</li> </ul>
04	CURRICULUM	<ul style="list-style-type: none"> <li>• Industry-relevant curriculum offering latest courses on Robotics, IoT, Embedded systems, and recent developments in RF and Satellite Communication</li> </ul>
05	PLACEMENTS	<ul style="list-style-type: none"> <li>• Maximum package of INR 26 LPA and an average package of INR 10 LPA</li> </ul>
06	ELECTIVE SUBJECTS	<ul style="list-style-type: none"> <li>• Elective domains that meet current industry requirements and student's interest in the latest technologies</li> </ul>
07	INFRASTRUCTURE	<ul style="list-style-type: none"> <li>• The modern infrastructure supporting virtual lab practice and the latest software tools. Ex: Cadence, CTS, MATLAB, etc.</li> </ul>
08	INTERNSHIPS	<ul style="list-style-type: none"> <li>• Mandatory internships during eight-semester in leading MNCs</li> </ul>

<b>09</b>	<b>CENTRE OF EXCELLENCE</b>	<ul style="list-style-type: none"> <li>Centre of excellence in IoT to promote innovations from students</li> </ul>
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<b>10</b>	<b>ACTIVITIES</b>	<ul style="list-style-type: none"> <li>Club activities for overall development</li> </ul>
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## 8 Steps for M.Tech Embedded Systems Technologies Course Enhancement

<b>01</b>	<b>ISRO</b>	<ul style="list-style-type: none"> <li>ISRO sponsored NAViC lab for remote sensing</li> <li>Hosts sponsored projects from ISRO, worth rupees one crore guided by ISRO retired scientist.</li> <li>Opportunities to take up research projects and work with leading scientists</li> </ul>
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<b>02</b>	<b>MOU</b>	<ul style="list-style-type: none"> <li>MOU with TEXAS Instruments to offer industry-oriented skill development programs for all the students.</li> <li>MoU with S-VYSYA University to do collaborative projects on Cognitive Sciences up to Ph.D. level</li> </ul>
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<b>03</b>	<b>CURRICULUM</b>	<ul style="list-style-type: none"> <li>Industrially driven curriculum offering latest courses like Robotics, IoT, and recent developments in Embedded Systems</li> </ul>
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<b>04</b>	<b>ELECTIVE SUBJECTS</b>	<ul style="list-style-type: none"> <li>Industrially driven curriculum offering latest courses like Robotics, IoT, and recent developments in Embedded Systems</li> </ul>
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<b>05</b>	<b>INFRASTRUCTURE</b>	<ul style="list-style-type: none"> <li>The infrastructure supporting virtual lab practice and the latest software tools. Ex: Cadence, CTS, MATLAB, etc.</li> </ul>
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<b>06</b>	<b>INTERNSHIPS</b>	<ul style="list-style-type: none"> <li>Mandatory internships during the third/fourth semester in leading MNCs</li> </ul>
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<b>07</b>	<b>CENTRE OF EXCELLENCE</b>	<ul style="list-style-type: none"><li>• Centre of excellence in IoT to promote innovations from students</li></ul>
<b>08</b>	<b>RESEARCH ACTIVITIES</b>	<ul style="list-style-type: none"><li>• Mandatory Conference Participations/Journal Publications</li><li>• Encouragement to pursue Research</li></ul>