

	<b>National Institute of Technology of Technical Teacher's Training &amp; Research, Chandigarh and</b> <b>J.C. Bose University of Science and Technology, YMCA, Faridabad</b> <a href="http://www.nitttrchd.ac.in">www.nitttrchd.ac.in</a> ; <a href="https://jcboseust.ac.in/">https://jcboseust.ac.in/</a>	
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## M.E./M.Tech Programmes in Emerging Areas of IoT, AI and Robotics

Masters Programme in Computer Science and Engineering with Specialization in IoT (Internet of Things)	Masters Programme in Mechanical Engineering with Specialization in Robotics	Masters Programme in Electronics and Communication Engineering with Specialization in AI (Artificial Intelligence)
<b>Program Highlights</b>		
<ul style="list-style-type: none"> <li>• <b>Joint Programme of NITTTR and J.C. Bose University of Science and Technology, YMCA, Faridabad</b></li> <li>• Approved by AICTE</li> <li>• Affordable Fees Structure (Approximately Rs. 1,30,000/- for the complete programme)</li> <li>• <b>50% of the Courses are offered by Industry Experts</b></li> <li>• Students can complete One full year Internship in Industry as no subjects offered in contact mode during 2<sup>nd</sup> year</li> <li>• Placement Assistance will be provided</li> <li>• <b>Industry relevant and highly practical oriented Subjects</b></li> <li>• All subjects will be covered with Industrial Case Studies</li> <li>• <b>Scholarships for GATE qualified students</b></li> <li>• Competitive Curriculum</li> <li>• Hostel Facilities available for both Boys and Girls at NITTTR, Chandigarh</li> <li>• <b>Excellent Laboratory Infrastructure</b></li> </ul>		
<b>Program Curriculum</b>		
<b>Core Courses:</b> Advanced Wireless Networks Sensors and Actuators Mobile Applications Development IOT Protocols and Security Issues Cloud Computing <b>Domain Relevant Professional Electives;</b> <b>Industrial Project / Internship</b>	<b>Core Courses:</b> Mechanism Design and Analysis Industrial Robotics Automation & Control Sensors for Robotics <b>Domain Relevant Professional Electives;</b> <b>Industrial Project / Internship</b>	<b>Core Courses:</b> Artificial Neural Networks Fuzzy Logic and Applications Choose one course from the list Bio-Inspired Optimization Natural Language Processing <b>Domain Relevant Professional Electives;</b> <b>Industrial Project / Internship</b>
<b>Industry Supported Courses:</b> IoT Fundamentals, Machine Learning, Industrial IoT, Big Data Analytics. These Subjects are taught by Industry Professionals from Major Companies like TechMahindra, IBM, etc.		
<b>Learning Methodology</b>		
<ul style="list-style-type: none"> <li>• Industry Supported Practical Intensive Courses</li> <li>• 20% Credits Transferred through MOOCs</li> <li>• One Full Year Industrial Internship / Project</li> <li>• Project Based Learning / Blended Learning Approach</li> </ul>		
<b>Eligibility Criteria</b>		
<b>IoT:</b> A Bachelor's Degree in Computer Science & Engineering/Electronics Engineering/ Electrical Engineering/ Instrumentation & Control Engineering / Information Technology from a recognized University or its equivalent with at least 60% marks in aggregate.	<b>Robotics:</b> A Bachelor's Degree in Mechanical Engg./Manufacturing Engineering (or Technology)/ Production Engg./ Industrial Engg./ Automobile Engineering from a recognized University or its equivalent with at least 60% marks in aggregate.	<b>AI:</b> A Bachelor's Degree in Electronics and Communication Engineering from a recognized University or its equivalent with at least 60% marks in aggregate.
<b>FEE Structure</b>		
Program/Tuition Fee of Rs. 1,30,000 (I Sem: 40,000; II Sem: 40,000; III Sem: 25,000; IV Sem: 25,000)		