Industry Abridged Certification Programs by L & T EduTech

Gujarat Technological University in its mission to bridge the industry-academic skill gap and to offer industry readiness programs to its students, has partnered with L&T, and signed an MoU with L&T EduTech on 17th May 2022 to recommend the industry abridged certification courses through L&T EduTech platform, a hybrid learning platform from Larsen & Toubro.

Inspired by the objectives of NEP 2020 and based on the emerging requirements in the industry, L&T EduTech has developed various courses to bridge the gap existing between the concepts learnt in the colleges and requirements of the industry and also signed an MoU with AICTE. The programs are being built at all levels - Foundation to Practitioner level, reinforced with L&T's expertise and experience built over decades, and thereby inculcate the art of Engineering to the students right during their graduation and also to build strong Industry academia interface to connect theory to practice.

GTU has endorsed the offerings of L&T EduTech to nurture and develop industry-oriented skills of the students of GTU affiliated colleges and to expose them to the tenets of professional practice from an industry standpoint thus improving their employability quotient.

Under this partnership, L&T Edutech shall offer niche industry application-oriented skill development courses in cohorts for the students of GTU & its affiliated colleges. The courses will be offered in a blended format of self-learning modules comprising Subject Matter expert led sessions and interactive e-learning content, industry talks on emerging/futuristic topics, virtual live mentoring sessions and guidance for hands on exposure to software.

The following niche industry abridged certification courses are planned to be offered by L&T EduTech to the students of GTU and affiliated colleges.
<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Course</th>
<th>Eligible Discipline</th>
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<tbody>
<tr>
<td>1</td>
<td>Certificate in Formwork Engineering</td>
<td>Civil Engineering</td>
</tr>
<tr>
<td>2</td>
<td>Certificate in Heavy Lifting Techniques</td>
<td>Civil/ Mechanical Engineering</td>
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<tr>
<td>3</td>
<td>Certificate in Metro Rail Engineering</td>
<td>Civil Engineering</td>
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<tr>
<td>4</td>
<td>Certificate in Reinforced Concrete Buildings Design</td>
<td>Civil Engineering</td>
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<tr>
<td>5</td>
<td>Certificate in Concreting Techniques and Practices</td>
<td>Civil Engineering</td>
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<tr>
<td>6</td>
<td>Certificate in Structural Steel Building Design</td>
<td>Civil Engineering</td>
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<tr>
<td>7</td>
<td>Certificate in Industrial Piping Engineering</td>
<td>Mechanical/Chemical/Petroleum Engineering</td>
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<td>8</td>
<td>Certificate in Power Plant Engineering</td>
<td>Mechanical Engineering</td>
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<tr>
<td>9</td>
<td>Certificate in Fire and Life Safety Systems for Buildings</td>
<td>Mechanical Engineering</td>
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<tr>
<td>10</td>
<td>Certificate in Building Ventilation &amp; Air Conditioning System Design</td>
<td>Mechanical Engineering</td>
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<tr>
<td>11</td>
<td>Certificate in MV Substation Engineering</td>
<td>Electrical &amp; Electronics Engineering</td>
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<tr>
<td>12</td>
<td>Certificate in Power System Protection &amp; Switchgear</td>
<td>Electrical &amp; Electronics Engineering</td>
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<tr>
<td>13</td>
<td>Certificate in Electrical Power Distribution-Engineering and Automation</td>
<td>Electrical &amp; Electronics Engineering</td>
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<tr>
<td>14</td>
<td>Certificate in Industrial Power System Analysis</td>
<td>Electrical &amp; Electronics Engineering</td>
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<tr>
<td>15</td>
<td>Certificate in Cyber Physical Systems</td>
<td>Circuit Branches</td>
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<td>16</td>
<td>Certificate in AI &amp; ML Using Python</td>
<td>Circuit Branches</td>
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<tr>
<td>17</td>
<td>Certificate in Microprocessors &amp; Applications</td>
<td>Circuit Branches</td>
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<td>18</td>
<td>Certificate in Applied Industrial IoT</td>
<td>All branches</td>
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<tr>
<td>19</td>
<td>Certificate in Geospatial Techniques</td>
<td>All branches</td>
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<tr>
<td>20</td>
<td>Certificate in Building Information Modelling</td>
<td>All branches</td>
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<tr>
<td>21</td>
<td>Certificate in Cloud Adoption and Management Techniques</td>
<td>All branches</td>
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<tr>
<td>22</td>
<td>Certificate in Project Management</td>
<td>All branches</td>
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<tr>
<td>23</td>
<td>Certificate in Finance for Non-Finance</td>
<td>All branches</td>
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<tr>
<td>24</td>
<td>Certificate in Engineering Graphics &amp; Design</td>
<td>All branches</td>
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<tr>
<td>25</td>
<td>Full Stack Web Development</td>
<td>Computer Science Engg/ Information Technology</td>
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<tr>
<td>26</td>
<td>Full Stack Data Analytics</td>
<td>Computer Science Engg/ Information Technology</td>
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These programs are the cost based programs and interested students may voluntarily join as per their interest area. The registration portal for the first batch of students opens on 4th July 2022 and closes on 14th August 2022. The registration link will be shared soon. An exclusive webinar for students will be held during the second week of July to give them an orientation about the L&T EduTech course programs.