**METALLURGY COEPx**

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| **Course Name** | **Basic**  | **Intermediate** | **Advanced** |
| Metallurgy Made Easy | √ |  |  |
|  R&D to Enhance Profitability | √ |  |  |
| Laser Materials Processing  | √ | √ | √ |
| Materials Joining  | √ | √ | √ |
| Casting Technology | √ | √ |  |
| Light Weighting of Materials | √ | √ |  |
| Materials Technology for 3D Printing | √ | √ |  |
| Materials and Processes for E-Vehicles | √ | √ |  |
| Steel Making Process & Product Quality Improvement For Customer Approval With Special Reference to Stringent Specifications | √ | √ | √ |
| Corrosion, Corrosion Prevention and Surface Protection | √ | √ | √ |
| Crystallographic Texture of Materials : Introduction and Applications | √ | √ |  |
| An Introduction to The Theory and Practice of Materials Used in Strategic Aerospace Sector | √ |  |  |