Mindluster Platform

About the course Thermal power plant model making model

Course Presenter : howtofunda

Thermal power plant model making model, in this course teaches students how to create a 3D model that demonstrates how thermal energy is converted into electrical energy. Through step-by-step practical guidance, learners explore the working principle of a thermal power plant, including the generation of steam, turbine rotation, and electricity production. The course explains each component â€” boiler, turbine, condenser, and generator â€” and how they function together to produce power. Using simple materials like cardboard, pipes, small motors, LEDs, and wires, students can build a realistic model that shows the energy conversion process. The course also highlights the advantages, limitations, and environmental impact of thermal power generation. Ideal for science fairs and engineering projects, it helps learners understand the importance of energy efficiency and technological innovation while combining science, creativity, and engineering in a fun, interactive way. howtofunda

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Course Lesson(20)

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Lesson 6 :
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Lesson 13 :
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Lesson 14 :
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Lesson 15 :

Lesson 15 :
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Lesson 16 :
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Lesson 17 :
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