

India's First 3D-printed Post Office

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About 3D-printed Post Office:

- **Location:** Cambridge Layout in Ulsoor, **Bangalore**.
- It is being **implemented by Larsen & Toubro**, which has experience in constructing 3D-printed buildings.
- It is a **1,100 sqft building** which is expected to **cost 30-40 per cent less than conventional buildings** because of the technological intervention.
- It is being built at a **cost of Rs 23 lakh**.

What is 3D-printing?

- 3D printing or **additive manufacturing** is a process of **making three-dimensional solid objects from a digital file**.
- The creation of a 3D printed object is **achieved using additive processes**.
- **In an additive process, an object is created by laying down successive layers of material** until the object is created. Each of these layers can be seen as a thinly sliced cross-section of the object.
- 3D printing **enables you to produce complex shapes** using less material than traditional manufacturing methods.

Q1) What is additive manufacturing?

Additive manufacturing (AM) or additive layer manufacturing (ALM) is the industrial production name for 3D printing, a computer controlled process that creates three dimensional objects by depositing materials, usually in layers.

Source: [Country's first 3D-printed post office coming up in Bengaluru](#)

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