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(57) Abstract :

GPS Tracking refers to a Global Positioning System. It entails a network of 24 satellites in orbit and devices on the ground that can establish a person or object's location on Earth with astonishing precision. GPS Tracking tracks three separate data sets: positioning, navigation, and timing. You may not realize it but this technology has been around for a long time. GPS was originally created for military use in the 1960s. In 1983, GPS became available for public use, and the technology has only grown from there. Radiation protection, also known as radiological protection, is defined by the International Atomic Energy Agency (IAEA) as The protection of people from harmful effects of exposure to ionizing radiation, and the means for achieving this. Exposure can be from a source of radiation external to the human body or due to internal irradiation caused by the ingestion of radioactive contamination After studying these things, the idea of making such a bag came so that when small children going to school or coaching are out of the house for many hours, then the parents can be sure about their health and other safety, With the help of the GPS tracker given inside this bag, whenever the children go out of the house with the bag, the parents can keep an eye on their movement and trace their location in case of any untoward incident, along with providing radiation protector. The meaning is that due to the increase in the level of pollution nowadays, there is a danger of various types of radiation, which affects young children more, to prevent this, this device has been used in this bag. In the manufacture of this bag, such fabric will be used which is water-proof and has the ability to bear the change in weather, as well as both the equipment will be installed in such a way that they can do their work without being visible to anyone. The most common materials chosen for this design are natural or polymer fabrics: canvas (usually cotton-based), nylon and polyvinylchloride (PVC) are examples. A fabric is a structured material, usually made as a flat, flexible sheet, by weaving or knitting fibres in bundles - some processes simply tangle the fibres up and the fabric holds together by friction between the fibres. Many fabrics are made as multi-layer composites, with polymer films covering the weave on both sides (this could be to give protection to the fibres, to provide waterproofing, or to change the appearance of the fabric).

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