



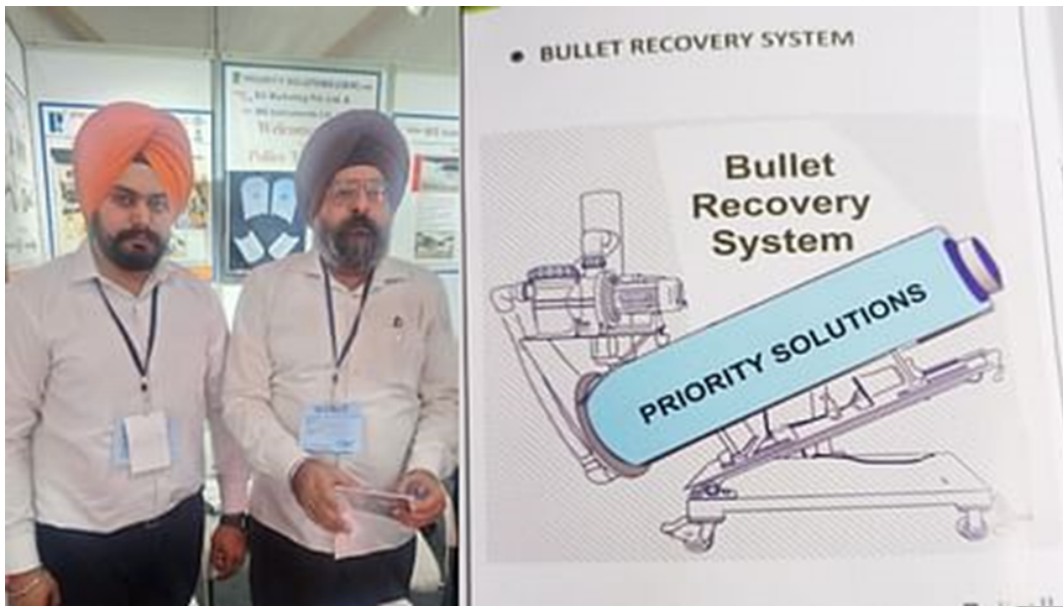
Bullet Recovery Box

Why In News?

In the recently concluded All India Police Science Congress in Dehradun, a company from Mohali launched a ballistic testing equipment called 'Bullet Recovery Box', which will reveal in just 30 seconds which weapon the bullet was fired from.

Key points:

- It is known that after firing incidents, the police recover empty shells and weapons (guns, pistols, revolvers etc.) from the spot. After this, it is checked whether the bullet was fired from this particular weapon or from some other weapon.
- Many times, if the weapon is not recovered from the spot, other suspected weapons are also recovered at the behest of the criminals. These are also checked. With the help of this equipment, ballistics test results will no longer take a long time.
- The investigation done in the forensic lab is called ballistic investigation. There is a special mark ('signature' in the language of science) on the barrel of weapons, which is different for each weapon. When a bullet is fired, this mark appears on the bullet. To find this mark, the relevant weapon is fired again in the forensic lab.
- After this it is seen whether these are the same marks which are on the bullet found at the spot. In case of murder, the bullet is removed from the body and sent to the forensic lab. This confirms whether the bullet was fired from this weapon or from some other one.
- Till now these tests are done by firing in a box filled with cotton. It takes hours just to find the bullet. Not only this, due to cotton fibers marks are not visible on the bullet properly. In such a situation, firing is done repeatedly to get accurate results.
- The new bullet recovery box will be filled with water. It is also equipped with special equipment to reduce the velocity of the bullet. With this, the bullet will come out automatically in just 30 seconds and accurate results will be obtained.
- This tool has been developed by Priority Solution Mohali. Priority Solution MD Gurusevak Singh said that till now only cotton-based bullet recovery boxes are used in forensic science labs across the country. This is the only company in India to manufacture this water filled equipment. This type of technology is being used in many countries, but this box of his company is more advanced than theirs.



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