

केन्द्रीय विद्यालय गुमला
KENDRIYA VIDYALAYA GUMLA

नवाचार
INNOVATION

1. Artificial Photosynthesis: A Project/Idea on “Artificial Synthesis” has been developed by Master Ashok Bhagat, IX-A of this Vidyalaya. This Project is to build a device that uses to convert water and CO_2 – O_2 (Artificial Photosynthesis) and Organic Compounds Mimicking the process of plant leaves. This Project has been nominated for Inspire Manak Award 2024-25.
2. Decreasing Rates of Oxygen: A Project/Idea on “Decreasing Rates of Oxygen” has been developed by Master Ayushman Baraik, IX-A of this Vidyalaya. This Project tried to fix a problem about decreasing rates of Oxygen. Algae can also produce oxygen through a process known as Photosynthesis. This Project has been nominated for Inspire Manak Award 2024-25.
3. To Make Fashion Product from Cactus: A Project/Idea on “To Make Fashion Product from Cactus” has been developed by Master Mayank Raj, X-A of this Vidyalaya. This Project focused on the Cactus Leather is an Innovative material made from the Prinkly Pear Cactus Plant. It offers a sustainable and ethical solution to the fashion industries Reliance on animal derived leather. This Project has been nominated for Inspire Manak Award 2024-25.
4. Sewage fed fish Culture: A Project/Idea on “Sewage fed fish Culture” has been developed by Master Saharsh Pathak, X-B of this Vidyalaya. This Project focused on Turbid fluid of domestic waste (for sometimes) may have industrial and agricultures waste containing semidecomposed organic matter and few essential minerals. This Project has been nominated for Inspire Manak Award 2024-25.
5. Automated Railway Crossing Gate: A Project/Idea on “Automated Railway Crossing Gate” has been developed by Mater Aniruddh Kumar Joshi, VIII-A of this Vidyalaya. This Project focused on developing Automated Railway Crossing Gate to replace Traditional Railway Crossing Gate with this new technology. This Project has been nominated for Inspire Manak Award 2024-25.

6. AC Water Revival: A Project/Idea on “AC Water Revival” has been developed by Master Prince Raj, X-B of this Vidyalaya. This Project focused on the use of Waste AC Water instead of Distilled Water.