



REPORT VISIT TO NATIONAL LEVEL INSPIRE AWARD MANAK EXHIBITION

Date: 17th September, 2024

Venue: Bharat Mandapam, Pragati Maidan

On 17th September 2024, a group of nine students, along with Mr. Umesh Verma, had the privilege of visiting the National Level INSPIRE Award MANAK Exhibition held at Bharat Mandapam, Pragati Maidan. This event provided a platform for young innovators from all over the country to showcase their scientific ideas and creative projects.



9 Students, Accompanied by Mr. Umesh Verma

We travelled to the venue by school bus and were greeted by an impressive collection of exhibits. These projects spanned various domains such as environmental conservation, healthcare, sustainable energy, and education, exhibited by students of various states of our country. Each exhibit reflected the dedication, creativity, and problem-solving capabilities of the young participants who were striving to make a difference in society through their innovative solutions.

One of the standout projects for our group was a low-cost fire extinguishing drone, designed to combat fires using Artificial Intelligence (AI) technologies such as Computer Vision (CV) and Natural Language Processing (NLP). This drone could identify fire locations and extinguish them using carbon dioxide, showcasing a promising solution for managing fire-related disasters. Another notable project addressed waste management by proposing a method to convert sugarcane waste into bricks, which could be used for building houses.



Low-cost fire extinguishing drone



Enriching experience filled with knowledge, exploration, and inspiration

The exhibition was a valuable learning experience that broadened our understanding of scientific innovation and its practical applications. It not only encouraged us to think creatively about how science can solve real-world problems but also inspired us to pursue our own innovative ideas.

Overall, the visit to the INSPIRE Award MANAK Exhibition was an enriching experience filled with knowledge, exploration, and inspiration. We left with a deeper appreciation for the role of science and technology in shaping a better future.

Submitted by: Umesh Verma