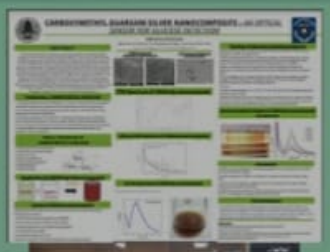
Date - 2 March,2019
Teacher incharge - Abhishek sir
Student involve - Rajat Jain, Mahika Jain
About project - Waste to fuel

Ethanol based fuel
- Burning of farm residue is the biggest contributor in air pollution for Delhi ncr.
Our model deals with the conversion of farm residue into ethanol which can further replace petrol as a fuel.As petrol releases many harmful gases such as nitrous oxide, carbon dioxide etc, if we replace petrol with ethanol, the magnitude of pollution can be minimised.
This model is very successful in India because India is in the top 5 largest paper waste producers as well as agriculture residue. The major benefit of this model is India does not need its land or water for the production of raw material to make ethanol. The machinery set up required for this model is not as much vast and expensive in compare to petroleum industry. As it is a simple fermenting process which can be easily done in fermenting setup present in India.

Date- 3rd March 2020
Teacher Incharge- Dr. Devendra Kumar Verma
Students involved- Smriti Joshi , Nidhi Verma

Presented at- Gargi College, University of Delhi.
Price received- 1st position

Topic- Carboxymethyl Guar gum silver nanocomposite- An optical sensor for glucose detection.



Teacher Incharge- Dr. P Jayaraj
Students involved- Shefali Dahiya and Vanshika Mohindroo
Presented at- National

two steps.