

# Class 12 CHEM project

Sunrise Academy  
PROJECT WORK  
CLASS:- 12th  
Chemistry

## INSTRUCTIONS:-

- ❖ Write the given project work in project files, having interleaf pages.
- ❖ The project should consist of 20 to 25 pages.
- ❖ The file need to be covered with white chart papers and cellophane sheets and the label should be printed and pasted.
- ❖ No coloring and decoration allowed on the cover.

The projects will be evaluated and the student will be awarded marks out of 20 for the project work.

- ❖ The project should have the following subheading:-

- Index
- Certificate.
- Acknowledgement.
- Content with suitable pictures
- Bibliography

## Topic :

**Write down about any one of the following topic of your choice.**

1. Amino acids: Peptides, structure and classification, proteins structure and their role in the growth of living beings.
2. Nucleic Acid: DNA and RNA – their structure.  
Unique nature. Importance in evolution and their characteristic features.
3. Carbohydrates and their metabolism, Blood - haemoglobin and respiration.
4. Vitamins and hormones
5. Simple idea of chemical evolution.
6. Natural polymers (any five) - structure, characteristics, uses. Synthetic polymers (any five) - method of preparation, structure, characteristics and uses.
7. Types of Dyes - methods of preparation, characteristics and uses.
8. Chemicals in medicines: antiseptics, antibiotics, antacids, etc. and their uses.
9. Preparation of soap, nail polish, boot polish, varnish, nail polish remover, shampoo and perfumes.
10. Chemicals and chemical processes in forensic studies.
11. Insecticides, pesticides and chemical fertilisers.
12. Ancient Indian medicines and medicinal plants.
13. Organic Chemistry in Nutrition, Food Science and Biotechnology.
14. Effect of Green House Gases.
15. How Plastics have changed the world, both socially and economically.

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**Subject Teacher**