

**PROJECT WORK- 10**

**CHEMICAL BONDING**

Some items to be given as project work for class-10 students.

They can do any one of the following. The report should be in at least two A4 pages.

1. Collect the information about properties and uses of covalent compounds and prepare a report.
2. Collect the information about properties and uses of ionic compounds and prepare a report.
3. Collect the information about hybridization of orbitals with examples.
4. Collect the information about arrangement of ions in ionic compound. Write the details about crystalline structure.
5. Prepare some clay models that represent the structures of these molecules.

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|---------------|------------|--------------|
| (a) Ammonia   | (b) Water  | (c) Methane  |
| (d) Acetylene | (e) Ethane | (f) Ethylene |

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