# SAINIK SCHOOL GOPALGANJ CLASS – XII

**SUB: PHYSICS**

**SUMMER VACATION PROJECT**

# Complete the Investigatory Project on any one of the following topics-

1. Carefully study, investigate and write your observation on the construction and working of cyclotron and recent advances in its applications.
2. Carefully study, investigate and write your observation on the construction and working of AC generator and recent advances in its applications.
3. Carefully study, investigate and write your observation on the construction and working of transformer and recent advances in its applications.
4. Carefully study, investigate and write your observation on the construction and working of moving coil galvanometer and its applications.
5. Carefully study, investigate and write your observation about the Junction Diodes and their applications in different areas.