**PROJECTS OF SUBJECT MATHEMATICS CLASS - XII**

Projects are the best way to learn the concepts and help the students to better understand the topic. As we are living in the 21st Century where learning and memorizing is no longer fundamental to teach the students.

Name of the Projects for the subject Mathematics are as follows. Cadets are instructed to prepare proper project file for each project .

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| S.No. | Project Name |
| 1. | The Random Fibonacci Sequence |
| 2. | Volume and Surface Area of Cube and Cuboid |
| 3. | Exploring Rule Variations in Conway's Game of Life |
| 4. | Finding Hidden Sequences In Nature |
| 5. | Radical Obsession |
| 6. | Turbo Charging Computer with Mathematical Algorithms |
| 7. | Marion Walter’s Theorem |
| 8. | Male Female Ratio |
| 9. | Probability |
| 10. | Patterns in Polynomials |
| 11. | Determining the Fraction of Lattice Points Visible from the Origin in the Third Dimension |
| 12. | Adaptive Interference Rejection in Wireless Networking |
| 13. | How to Win at Yahtzee |
| 14. | Examining File Compression in Computers |
| 15. | Environmental Impact of Manipulation of Traffic Controller Algorithms |
| 16. | Displacement and Rotation of a Geometrical Figure |
| 17. | Chess Algorithms |
| 18. | Raw Recruits |