

### Some of the Suggested Topics For Projects Work

1. Applications of Differential Equations in
  - a) Physics b) Chemistry c) Mechanics d) Bio-Life Sciences
2. Applications of Graph Theory
  - a) Chemistry b) Physics
3. Numerical solution of ordinary differential Equations using 'C' Language applying
  - A) Euler Methods b) R-K Methods
4. Applications of Graph Theory
5. Applications of Numerical Integration Using 'C' Language.
6. Applications of Laplace transformations in
  - a) Mechanics b) Electricity
7. Applications of Linear algebra in Electronics.
8. Applications of Linear transformation in Graphics
9. Applications of Interpolation and extrapolation
10. Application of 'C' Language for Riemann integration Problems
11. Application of Matrix theory to Chemistry
12. Mathematical modeling for Aqua Culture using differential equations.
13. Project on finding Mathematics in Carpentry, Pottery, String Art.
14. Mathematics – Nature
15. Mathematics – Fine arts

Note: The above areas of project are only suggested, the topics can be chosen according to the convenience & creativity of the Concerned Staff and students.



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