## **Solution of Ordinary Differential Equations**

- 1. WAP to find Solution of Ordinary Differential Equations with Picard Method.
- 2. WAP to find Solution of Ordinary Differential Equations with Taylor's Series Method.
- 3. WAP to find Solution of Ordinary Differential Equations with Taylor's Series Method Improving Accuracy.
- 4. WAP to find Solution of Ordinary Differential Equations with Euler's Method.
- 5. WAP to find Solution of Ordinary Differential Equations with Modification of Euler's Method.
- 6. WAP to find Solution of Ordinary Differential Equations with Runge-Kutta Method of Order 2.
- 7. WAP to find Solution of Ordinary Differential Equations with Runge-Kutta Method of Order 4.
- 8. WAP to find RK-2 For Simultaneous Differential Equation.
- 9. WAP to find RK-4 For Simultaneous Differential Equation.
- 10.WAP to find 2<sup>nd</sup> order differential equation using RK-4.
- 11.WAP to solve Boundary Value Problem.
- 12. WAP to solve Shooting Method.
- 13. WAP to solve by Finite Difference Method.