

## SNS COLLEGE OF ENGINEERING Coimbatore - 641 107



## **TUTORIAL 2**

## Problems based on Lagrange's Linear equation

1. Solve 
$$\frac{y^2z}{x}p + xzq = y^2$$

- 2. Solve  $(x^2-y^2-z^2)p + 2xyq 2xz = 0$
- 3. Solve  $x(y^2-z^2)p + y(z^2-x^2)q = z(x^2-y^2)$