**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

**RAMAPURAM CAMPUS**

 **DEPARTMENT OF MATHEMATICS**

**18MAB201T-Transforms and Boundary Value Problems**

**Unit 1 – Partial Differential Equations**

**Assignment 1**

**Year/Sem : II/III**

**Branch: Common to All branches except B.Tech (Business Systems)**

**Total marks: 20Marks**

**PART B (2x4=8 marks)**

1. Form the PDE by eliminating the arbitrary function

1. Solve

**PART C (1x12=12marks)**

3.Solve