

# MTH 406

## DIFFERENTIAL GEOMETRY OF CURVES AND SURFACES

### ASSIGNMENT-1

SUBMISSION DATE: 19/01/2017

**Problem 1.** Solve 1.2.3, 1.2.4, 1.3.1, 1.3.3, 1.4.6 from Chapter 1.

**Problem 2.** Solve 2.1.2, 2.2.3, 2.2.6, 2.3.1, 2.3.2, 2.3.5 from Chapter 2.

**Problem 3.** Solve 3.1.1, 3.2.1, 3.2.2, 3.3.2 from Chapter 3.

**Text Book:** Elementry Differential Geometry, Andrew Pressley 2nd edition.