

## MTH 406

### DIFFERENTIAL GEOMETRY OF CURVES AND SURFACES

#### ASSIGNMENT-2

SUBMISSION DATE: 14/02/2017

**Problem 1.** Solve 4.1.2, 4.1.3, 4.1.4, 4.2.5, 4.3.1, 4.4.2, 4.4.4 from Chapter 4.

**Problem 2.** Solve 5.3.2 from Chapter 5.

**Problem 3.** Solve 6.1.2, 6.1.3, 6.2.1, 6.3.4, 6.4.5 from Chapter 6.

**Text Book:** Pressley, Elementary Differential Geometry, Springer, Indian reprint, 2004 (2nd edition).