

# **BACHELOR OF INFORMATION TECHNOLOGY (BIT) MATHEMATICS BRIDGING COURSE**

## **SYLLABUS**

1. Sets and Real Numbers
2. Equations and Inequalities
3. Indices and Surds
4. Logarithms
5. Polynomials
6. Binomial Theorem
7. Coordinate Geometry in  $R^2$
8. Trigonometry
9. Differentiation
10. Application of Differentiation
11. Integration
12. Application of Integration