MTH 308 INTRODUCTION TO MATHEMATICAL MODELLING: (3 Units)

Pre-requisite - MTH 201, 202, 204 (L 30: P 0: T 15)

Co-requisite - MTH 302, 303

Methodology of model building; Identification, formulation and solution of problems, cause-effect diagrams Equation types. Algebraic, ordinary differential, partial differential, difference, integral and functional equations. Application of mathematical models to pluprical, biological, social and behavioural sciences.

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