

THE NEW COLLEGE (AUTONOMOUS), CHENNAI-14

PG DEPARTMENT OF MATHEMATICS

UNIT WISE CLASS NOTES

| CLASS | SUBJECT CODE | TITLE |
|----------------------|---------------------|--|
| M.SC SEM-1 | 20MTM101 | ALGEBRA I |
| | 20MTM102 | REAL ANALYSIS |
| | 20MTM103 | CLASSICAL DYNAMICS |
| | 20MTM104 | ORDINARY DIFFERENTIAL EQUATIONS |
| | 20MTM105 | MATHEMATICAL STATISTICS-I |
| M.SC SEM-2 | 20MTM206 | ALGEBRA II |
| | 20MTM207 | COMPLEX ANALYSIS |
| | 20MTM208 | DISCRETE MATHEMATICS |
| | 20MTM209 | PARTIAL DIFFERENTIAL EQUATIONS |
| | 20MTM210 | MATHEMATICAL STATISTICS-II |
| M.SC SEM-3 | 17MTM311 | GRAPH THEORY |
| | 17MTM312 | DIFFERENTIAL GEOMETRY |
| | 17MTM313 | TOPOLOGY |
| | 17MTM314 | INTRODUCTION TO FUZZY LOGICS |
| | 17MTM315 | PROGRAMMING IN C++ |
| M.SC SEM-4 | 17MTM416 | NUMERICAL ANALYSIS |
| | 17MTM417 | FLUID DYNAMICS |
| | 17MTM418 | FUNCTIONAL ANALYSIS |
| | 17MTM419 | ADVANCED OPERATIONS RESEARCH |
| | 17MTM420 | PROGRAMMING IN JAVA |
| I M.COM | 20MFM105 | QUANTITATIVE TECHNIQUES FOR BUSINESS DECISION – I |
| | 20MFM211 | QUANTITATIVE TECHNIQUES FOR BUSINESS DECISION – II |
| I BBM | 20BTA104 | MANAGERIAL STATISTICS |
| | 20BTA208 | OPERATION RESEARCH |
| I BCA / I B.SC(IT) | 20BTA103 | FOUNDATION MATHEMATICS – I |
| | 20BTA207 | FOUNDATION MATHEMATICS – II |
| I B.SC(CS) | 20BTA102 | ALLIED MATHEMATICS – I |
| | 20BTA206 | ALLIED MATHEMATICS – II |
| II BCA / II B.SC(IT) | 17BTA312 | COMPUTER BASED NUMERICAL & STATISTICAL METHODS |
| | 17BTA417 | ALPPLIED OPERATION RESEARCH |
| II BISM | 17BTA313 | BUSINESS MATHEMATICS & STATISTICS |
| | 17BTA417 | ALPPLIED OPERATION RESEARCH |
| II BBA | 17BTA311 | BUSINESS MATHEMATICS |
| | 17BTA416 | QUANTITATIVE METHODS TO BUSINESS |
| II B.SC(CS) | 17BTA310 | STATISTICAL METHODS & THEIR APPLICATIONS – I |
| | 17BTA415 | STATISTICAL METHODS & THEIR APPLICATIONS – II |