

## GROUP -1

# MATHEMATICS SYLLABUS

| CLASS 7 <sup>TH</sup>             |
|-----------------------------------|
| SETS                              |
| RATIONAL NUMBERS                  |
| DECIMALS                          |
| EXPONENTS                         |
| SQUARE ROOT OF POSITIVE NUMBERS   |
| DIRECT AND INVERSE VARIATION      |
| FINANCIAL ARITHMETIC              |
| ALGEBRAIC EXPRESSIONS             |
| LINEAR EQUATIONS                  |
| FUNDAMENTALS OF GEOMETRY          |
| PRACTICAL GEOMETRY                |
| CIRCUMFERENCE, AREA AND VOLUME    |
| INFORMATION HANDLING              |
|                                   |
| CLAS 8 <sup>TH</sup>              |
| OPERATIONS ON SETS                |
| REAL NUMBERS                      |
| NUMBER SYSTEMS                    |
| FINANCIAL ARITHMETIC              |
| POLYNOMIALS FACTORIZATIO,         |
| SIMULTANEOUS EQUATIONS            |
| FUNDAMENTALS OF GEOMETRY          |
| PRACTICAL GEOMETRY                |
| AREAS AND VOLUMES                 |
| DEMONSTRATIVE GEOMETRY            |
| TRIGONOMETRY INFORMATION HANDLING |