Department of Mathematics, R.G. Baruah College

B.A. I Sem under FYUGP

Paper: Foundations of Mathematical Sciences-----I (MDC 1)

Cos: This course will enable students to

1) learn about numbers, conversion of decimal into binary system and vice versa
2) relate indices and logarithim
3) learn basic Mathematical tools to solve real life problems
4) know application of Mathematical tools in decision making problems
5) acquire the skill of Statistical analysis of data from real life situation in a scientific way.

B.Com. I Sem under FYUGP

Paper : Business Mathematics (MDC 1)

Cos : This course helps students to learn

1) tools used in financial market like profit and loss, discount, shares, equity, dividend, bonus shares etc. Application of ratio and proportions in real life situation
2) annuities, present values, future values, depreciation of assets and calculation scrap value
3) application of Marginal Cost/ Marginal Revenue, Total Cost / Total Revenue in different markets of real life situations
4) application of linear programming techniques for profit maximization or cost minimization of a company.

B.A. II Sem under FYUGP

Paper: Fundamental of Mathematical Sciences II (MCD 2)

Cos: This course will enable students to

1) understand the logical statements and solve logical problems of real life situations
2) learn combinatorial ideas to solve algebraic and real life problems
3) develop aptitude for applications of statistical techniques in social sciences and Humanities.