

### **AEE 303 Introduction to Production Economics Farm Management: (3 Units)**

Theory of production. Principles of agricultural production and resource use: factor-factor, factor- product and product-product relationship. Farm risk and uncertainty. The meaning of production, production functions and important resources involved in agricultural production. Basic characteristics of the three stages of the production function and the Necessary and sufficient conditions for optimal inputs and products combination. Meaning, structure and various forms of cost and cost functions. Inputs –outputs relationships, list cost combinations. Types of farm business. Nature and scope of farm management, management functions, organization of the farm set-up, farm records and accounting, farm business analysis, capital budgeting, farm and enterprise budgeting, farm decisions and long term investment, linear programming (maximization).