

**Course Title: Applied Economics**  
**Code: CAEC353**  
**Credit: 3**  
**Semester: VI**  
**Class: Theory 3 Hrs.; Tutorial: 1 Hour**

### **Main Areas of Our Course Design**

- ❖ Theory of Demand and Supply
- ❖ Theory of Consumer Behavior
- ❖ Theory of Production, Cost and Revenue curves
- ❖ Theory of Product Pricing and Factor Pricing
- ❖ National Income
- ❖ Money and Banking
- ❖ International Trade

# **Economics and Computer Applications**

Economics is a social science concerned with the production, consumption, distribution and exchange of goods and services. It studies how individuals, businesses, governments and nations make choices on allocating resources to satisfy their wants and needs, and tries to determine how these groups should organize and co-ordinate efforts to achieve maximum output.

Today everywhere we discuss about the specialization of computational economics. So, I must say computer science is pretty important for economics. Economics can give you the theories to solve a problem, computer science actually solves it.

- Production and Development program to know about current knowledge of software market
- To know industrial policy
- To know the budget
- Forecasting and estimation

Contd.....

After completing your study, perhaps if you choose to become a manager or start your own company, economics will be an asset in managing resources. Cost and revenue is an important part of economics which you can better calculate from computer. Economics enhances the understanding of the economic theories and capacity for the application to develop skills of students in personal and professional decision making related to business, IT and management.