

## **Syllabus of Research Methodology/ 3<sup>rd</sup> Stage**

### **Chapter One**

- Research methodology
- What is a research methodology?
- Why do you need a research methodology?
- Advantages of Research Methodology

### **Chapter Two**

- The Basic Steps of the Scientific Method--Objectives of Research
- Types of Research
- Characteristics of Research:
- Criteria of a Good Research Scientific Thinking
- The Key Differences between Methods and Methodology?

### **Chapter Three**

- What is a research problem? Selecting a Research Problem
- the criteria for the selection of the problem
- Source of the problem and evaluating the problem

### **Chapter Four**

- The Review of Literature,
- Objectives of review of literature
- Sources of Literature
- Reporting Review of Literature

### **Chapter Five**

- The Research Approach
- The Quantitative Approach,
- The Qualitative Approach
- The Mixed-methods Approach

### **Chapter Six**

- Questionnaires
- The advantages of questionnaires -
- Interviews
- Focus Groups
- Meaning and Definition of Sampling
- Functions of Population and Sampling
- Methods of Sampling