



## **COURSE CONTENT**

- 1. DESCRIPTIVE STATISTICS**
- 2. RANDOM VARIABLE**
- 3. PROBABILITY THEORY**
- 4. PROBABILITY DISTRIBUTION**
- 5. STATISTICAL METHODS**
- 6. VITAL STATISTICS**
- 7. STATISTICAL INFERENCE**
- 8. APPLIED STATISTICS**
- 9. CORRELATION AND REGRESSION**
- 10. SURVEY SAMPLING TECHNIQUES**
- 11. ANALYSIS OF VARIANCE**
- 12. EXPERIMENTAL DESIGN**
- 13. INFERENCE STATISTICS**
- 14. ANALYSIS OF TIME SERIES**
- 15. INDEX NUMBERS**
- 16. NON - PARAMETRIC TEST AND PARAMETRIC TEST**
- 17. STATISTICAL INFERENCE MULTIVARIATE ANALYSIS**
- 18. PROBABILITY & STOCHASTIC PROCESSES**
- 19. THEORY OF MEASURE & INTEGRATION**
- 20. STATISTICAL INFERENCE & STOCHASTIC PROCESSES**