**CII – IL FUNCTIONAL EXCELLENCE COURSE COMPONENTS**

**EM-24: RESEARCH METHODOLOGY**

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| **BLOCK** | **UNIT NOs** | **UNIT TITLE** |  |
| **I** |  | **INTRODUCTION TO RESEARCH METHODOLOGY** |  |
|  | 1 | Principles of quality research |
|  | 2 | Overview of Research Process |
|  | 3 | Types of Research |
| **II** |  | **RESEARCH DESIGN** |  |
|  | 4 | Problem definition and hypothesis formulation |
|  | 5 | Sampling Methods |
|  | 6 | Data collection methods, instruments and measurement |  |
| **III** |  | **DATA PRESENTATION AND ANALYSIS** |  |
|  | 7 | Choice of data analysis methods |
|  | 8 | Model building and decision making |
| **IV** |  | **REPORT WRITING AND PRESENTATION** |  |
|  | 9 | Presentation of a report |
|  | 10 | Formats of reports |
|  | 11 | Substance of reports |  |