

LIST OF TABLES.

- 3.1 : Logical Distribution of Memory.
- 3.2 : Logical Distribution of Memory (Contd.)
- 3.3 : I/O PORT Address Map.
- 3.4 : Key Codes of The Keys Used.

- 4.1 : INPUT And OURPUT Statements.
- 4.2 : The Conditional Operators.
- 4.3 : Conditional Statements.
- 4.4 : Allowed Data Type.
- 4.5 : The Data Specification.
- 4.6 : Example of Data Specification.
- 4.7 : Allowed Mode of Expression.
- 4.8 : The LET Statement.
- 4.9 : The DELAY Statement.
- 4.10 : DIT.
- 4.11 : IC Code Blocks.
- 4.12 : Identifier Fields of Variables And Numeric Constants.

- 5.1 : PIT.
- 5.2 : LNO Table.
- 5.3 : OFFSET Table.

LIST OF FIGURES.

- 2.1 : Schematic of Cryostat And Calorimeter.
- 2.2 : Close-cycle Refrigerator.
- 2.3 : The 8086 in Maximum Mode.
- 2.4 : Loosely Coupled Configurations.

- 3.1A : Decode Logic And Memory Module.
- 3.1B : Wait State Generator.
- 3.2 : I/O Decode And Peripherals.
- 3.3A,B: ADC.
- 3.3C : Key Board Interface And Analog Input Interfacing.
- 3.4 : PC ADD-ON Interface.
- 3.5 : Multimaster Slave Interface.

- 4.1 : FLOWCHART 4.1.

- 5.1 : FLOWCHART 5.1.