



INFORMATION TECHNOLOGY  
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

|                      |                                  |               |                        |
|----------------------|----------------------------------|---------------|------------------------|
| Name of the faculty: | Dr. B DHANALAXMI                 | Department:   | Information Technology |
| Regulation:          | IARE - R18                       | Batch:        | 2018-2022              |
| Course Name:         | DISCRETE MATHEMATICAL STRUCTURES | Course Code:  | ACSB04                 |
| Semester:            | III                              | Target Value: | 60% (1.8)              |

Attainment of COs:

| Course Outcome   | Direct attainment | Indirect attainment | Overall attainment | Observation |
|--|-------------------|---------------------|--------------------|-------------|
| CO1 Make use of mathematical definitions and its notations for reformulating statements in formal logic and validating normal forms.     | 3.00              | 2.60                | 2.9                | Attained    |
| CO2 Demonstrate operations on discrete mathematical structures like sets, functions, lattices for representing the relations among them. | 3.00              | 2.60                | 2.9                | Attained    |
| CO3 Illustrate rings, integral domains, and field structures with binary operations defined on them.                                     | 1.70              | 2.60                | 1.9                | Attained    |
| CO4 Apply addition rule and substitution rule for solving the problems of combinatorics.   | 1.60              | 2.60                | 1.8                | Attained    |
| CO5 Develop solutions for recurrence relations and generating functions to obtain terms of equation.                                     | 2.30              | 2.60                | 2.4                | Attained    |
| CO6 Identify appropriate algorithms of graphs and trees for finding shortest path  | 3.00              | 0.00                | 2.4                | Attained    |

Action Taken:

*Dhanalaxmi*  
Course Coordinator

*M. S. S. P.*  
Mentor

*K. S. S. S.*  
Head of the Department